

CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

SUMMARY

PRICE INDEX FOR SELECTED HIGHWAY CONSTRUCTION ITEMS

1ST QUARTER ENDING MARCH 31, 2002

|  |         |
|--|---------|
| Index this quarter .....                     | 145.1   |
| Point change from last quarter .....         | - 38.2  |
| Percentage change from last quarter .....    | - 20.8% |
| Index last 12 months .....                   | 157.5   |
| Point change from previous report .....      | + 3.4   |
| Percentage change from previous report ..... | + 2.2%  |

|   |       |
|---|-------|
| Average number of bidders this quarter .....        | 6.6   |
| Change in number of bidders from last quarter ..... | + 0.0 |

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

CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**HIGHWAY CONSTRUCTION COST INDEX**  
1ST QUARTER ENDING MARCH, 2002

Prepared by Division of Engineering Services - Office Engineer

---

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

The California Highway Construction Cost Index for the first quarter of 2002 stands at 145.1, down 38.2 points (20.8 percent) from the fourth quarter of 2001 index of 183.3. The Index for the year-to-date (April 1, 2001 through March 31, 2002) is 157.5, up 3.4 points (2.2 percent) from the fourth quarter 2001 year-to-date index of 154.1.

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

The average number of bidders per project in the first quarter of 2002 was 6.6, no change in number of bidders from the fourth quarter of 2001 and up 0.5 as compared to 6.1 for the corresponding quarter in 2001.

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

| RANGE     |     |           | NUMBER OF<br>PROJECTS | %      | AMOUNTS OF<br>PROJECTS | %      |
|-----------|-----|-----------|-----------------------|--------|------------------------|--------|
| UP        | TO  | 50,000    | 1                     | 0.89   | \$43,806               | 0.01   |
| 50,000    | TO  | 100,000   | 0                     | 0      | \$0                    | 0.00   |
| 100,000   | TO  | 250,000   | 24                    | 21.24  | \$3,837,741            | 0.74   |
| 250,000   | TO  | 500,000   | 24                    | 21.24  | \$8,320,824            | 1.60   |
| 500,000   | TO  | 1,000,000 | 19                    | 16.81  | \$12,467,808           | 2.39   |
| 1,000,000 | TO  | 2,500,000 | 23                    | 20.35  | \$35,797,207           | 6.86   |
| 2,500,000 | TO  | 5,000,000 | 8                     | 7.08   | \$29,392,670           | 5.63   |
| 5,000,000 | AND | ABOVE     | 14                    | 12.39  | \$431,788,026          | 82.77  |
| TOTAL     |     |           | 113                   | 100.00 | \$521,648,082          | 100.00 |

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

1. Widen Shoulder and Construct Left Turn Channelization in San Benito County in and near Hollister on Route 25 from San Felipe Road to 0.8 kilometer South of Pajaro River Bridge. The low bid of \$5,270,851.00 was submitted by Granite Construction Company.
2. Construct Northbound Route 405 to Southbound Route 101 Connector Lane in Los Angeles County in Los Angeles at the Route 101/405 Separation. The low bid of \$5,300,205.55 was submitted by Banshee Construction Company, Incorporated.
3. Rehabilitate Pavement in Santa Barbara County in Santa Maria on Route 166 from 0.3 kilometer West of Blosser Road to Bradley Road. The low bid of \$5,420,348.00 was submitted by A J Diani Construction Company, Incorporated.
4. Widen Freeway and Bridge in Santa Clara County in San Jose on Route 87 from West of Julian Street to 0.3 kilometer South of West Taylor Street. The low bid of \$7,514,080.50 was submitted by Shasta Constructors, Incorporated.
5. Retrofit Dowel, Replace PCC Slabs, Approach Slabs, Grind, Groove and Overlay in Orange County in Orange, Anaheim, Fullerton, Placentia and Brea on Route 57 from 0.9 kilometer North of the Route 5/57 Separation to Los Angeles County Line. The low bid of \$8,881,263.00 was submitted by J Mcloughlin Engineering Company, Incorporated.
6. Widen Freeway in Orange County in and Costa Mesa and Newport Beach on Route 73 from 0.3 kilometer South of Birch Street Overcrossing to 1.8 kilometers North of Bear Street Undercrossing. The low bid of \$8,975,098.90 was submitted by Coffman Specialties, Incorporated.
7. Rehabilitate Roadway and Widen Bridge in San Bernardino County near Wheaton Springs on Route 15 from 0.8 kilometer North of Cima Road Overcrossing to 2.4 kilometers South of Bailey Road Overcrossing and from 1.2 kilometers North of Yates Well Road Overcrossing to Nevada State Line. The low bid of \$9,123,456.78 was submitted by Frehner Construction Company, Incorporated.
8. Construct Toll Plaza and Operations Building in Contra Costa County in Martinez on Route 680 from Mococo Overhead to Benicia-Martinez Bridge and Overhead. The low bid of \$18,993,477.00 was submitted by West Bay Builders, Incorporated.
9. Replace Interchange in San Joaquin County in and near Stockton on Route 99 from 0.9 kilometer South to 1.1 kilometers North of Arch Road Overcrossing. The low bid of \$23,617,183.00 was submitted by Viking / D S S, a Joint Venture.
10. Replace Bridge in Mendocino County in Fort Bragg on Route 1 from 0.4 kilometer South to 0.7 kilometer North of Noyo River Bridge. The low bid of \$25,495,721.00 was submitted by M C M Construction, Incorporated.
11. Seismic Retrofit in Alameda County in Alameda and Oakland on Route 260 at Webster Street Tube and Posey Tube. The low bid of \$30,780,055.00 was submitted by American Civil Constructors West Coast, Incorporated.
12. Widen Freeway, Replace Bridge and Modify Interchange in Ventura County in Oxnard and San Buenaventura on Route 101 from Route 232 to Montalvospur Overhead. The low bid of \$73,642,857.90 was submitted by M C M Security Paving, a Joint Venture.

13. Widen Freeway and Rehabilitate Pavement in San Bernardino County in and near Victorville, Apple Valley and Barstow on Route 15 from 0.2 kilometer South of Mojave Drive Overcrossing to 0.8 kilometer North of Route 58 Separation. The low bid of \$99,599,234.00 was submitted by E L Yeager Construction Company, Incorporated.
14. Construct Contiguous Freeway and New Interchange (I-5/SR 805) in San Diego County on Routes 5, 56 and 805 at Various Locations. The low bid of \$109,174,194.60 was submitted by E L Yeager Construction Company, Incorporated.

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 2001 is 155.1, up 14.5 points from 140.6 the third quarter of 2001.

The Engineering News-Record's Construction Cost Index average for the first quarter of 2002 is 602.8, up 7.1 points from 595.7 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 2002 is 177.9, for U. S. City average of all Urban Consumers, up 0.7 point from 177.2 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: \$5.45 per cubic yard**

The price decreased \$4.21 from the average unit price of \$9.66 per cubic yard last quarter. Unit bid prices ranged from \$2.48 to \$143.74 per cubic yard.

### **Aggregate Base: \$11.42 per ton**

The price decreased \$2.18 from the average unit price of \$13.60 per ton last quarter. Unit bid prices ranged from \$6.04 to \$90.72 per ton.

### **Asphalt Concrete Pavement: \$46.47 per ton**

The unit price increased \$6.47 from the average unit price of \$40.00 per ton last quarter. Unit prices ranged from \$26.31 to \$635.03 per ton.

### **Portland Cement Concrete (Pavement): \$67.38 per cubic yard**

The unit price decreased \$26.67 from the average unit price of \$94.05 per cubic yard last quarter. Unit prices ranged from \$56.96 to \$351.70 per cubic yard.

### **Portland Cement Concrete (Structure): \$388.68 per cubic yard**

The unit price decreased \$116.28 from the average unit price of \$504.96 per cubic yard last quarter. Unit prices ranged from \$172.02 to \$4,587.33 per cubic yard.

### **Bar Reinforcing Steel: \$0.50 per pound**

The unit price decreased \$0.10 from the average unit price of \$0.60 per pound last quarter. Unit prices ranged from \$0.41 to \$68.04 per pound.

### **Structural Steel: \$2.40 per pound**

The unit price decreased \$1.33 from the average unit price of \$3.73 per pound last quarter. Unit prices ranged from \$2.27 to \$5.90 per pound.

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

### **Roadway Excavation: \$7.13 per cubic meter**

The price decreased \$5.51 from the average unit price of \$12.64 per cubic meter last quarter. Unit bid prices ranged from \$3.25 to \$188.00 per cubic meter.

### **Aggregate Base: \$12.59 per tonn**

The price decreased \$2.41 from the average unit price of \$15.00 per tonn last quarter. Unit bid prices ranged from \$6.65 to \$100.00 per tonn.

### **Asphalt Concrete Pavement: \$51.22 per tonn**

The unit price increased \$7.12 from the average unit price of \$44.10 per tonn last quarter. Unit prices ranged from \$29.00 to \$700.00 per tonn.

### **Portland Cement Concrete (Pavement): \$88.13 per cubic meter**

The unit price decreased \$34.88 from the average unit price of \$123.01 per cubic meter last quarter. Unit prices ranged from \$74.50 to \$460.00 per cubic meter.

### **Portland Cement Concrete (Structure): \$508.37 per cubic meter**

The unit price decreased \$152.09 from the average unit price of \$660.46 per cubic meter last quarter. Unit prices ranged \$225.00 to \$6,000 per cubic meter.

### **Bar Reinforcing Steel: \$1.10 per kilogram**

The unit price decreased \$0.22 from the average unit price of \$1.32 per kilogram last quarter. Unit prices ranged from \$0.90 to \$150.00 per kilogram.

### **Structural Steel: \$5.29 per kilogram**

The unit price decreased \$2.92 from the average unit price of \$8.21 per kilogram last quarter. Unit prices ranged from \$5.00 to \$13.00 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               |              |                       | 106.8         |
| 1993               |              |                       | 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                 |               |
| 2000 (2nd Quarter) | 167.6        | 156.5                 |               |
| 2000 (3rd Quarter) | 132.3        | 144.7                 |               |
| 2000 (4th Quarter) | 152.0        |                       |               |
| (Year)             |              |                       | 146.2         |
| 2001 (1st Quarter) | 140.1        | 137.0                 |               |
| 2001 (2nd Quarter) | 141.6        | 134.8                 |               |
| 2001 (3rd Quarter) | 167.5        | 141.6                 |               |
| 2001 (4th Quarter) | 183.3        |                       |               |
| (Year)             |              |                       | 154.1         |
| 2002 (1st Quarter) | 145.1        | 157.5                 |               |

EXHIBIT B

ENGLISH UNITS  
 CALIFORNIA DEPARTMENT OF TRANSPORTATION  
 AVERAGE HIGHWAY  
 CONTRACT PRICES

|                  | <u>ROADWAY<br/>EXCAVATION</u><br>" 1 " | <u>AGGREGATE<br/>BASE</u><br>PER TON | <u>ASPHALT<br/>CONCRETE<br/>PAVEMENT</u><br>PER TON | <u>PCC<br/>PAVEMENT</u><br>PER CU YD | <u>CLASS "A"<br/>PCC<br/>STRUCTURE</u><br>PER CU YD | <u>BAR<br/>REINFORCING<br/>STEEL</u><br>PER LB | <u>STRUCTURAL<br/>STEEL</u><br>" 2 " |
|------------------|--|--------------------------------------|---|--------------------------------------|---|--|--------------------------------------|
| 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                                |
| 1989 .....       | 4.19                                   | 10.62                                | 29.43   | 73.78                                | 303.49  | 0.483  | 3.103                                |
| 1990 .....       | 4.73                                   | 12.05                                | 30.77   | 68.93                                | 295.24  | 0.469  | 2.209                                |
| 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        | 3.80                                   | 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                                |
| 2nd Quarter 2000 | 7.55                                   | 11.35                                | 45.35   | 68.11                                | 458.34  | 0.608  | 4.477                                |
| 3rd Quarter 2000 | 4.52                                   | 11.47                                | 44.43   | 82.34                                | 325.42  | 0.530  | 3.106                                |
| 4th Quarter 2000 | 8.34                                   | 10.20                                | 46.91   | 73.21                                | 306.83  | 0.487  | 2.509                                |
| Year 2000        | 6.21                                   | 11.14                                | 45.12   | 78.14                                | 363.59  | 0.507  | 2.754                                |
| 1st Quarter 2001 | 3.84                                   | 11.25                                | 41.01   | 69.94                                | 422.47  | 0.673  | 5.139                                |
| 2nd Quarter 2001 | 5.94                                   | 17.61                                | 46.32   | 103.69                               | 273.57  | 0.609  | 3.098                                |
| 3rd Quarter 2001 | 8.70                                   | 14.39                                | 50.25   | 60.60                                | 360.93  | 0.620  | 4.339                                |
| 4th Quarter 2001 | 9.66                                   | 13.60                                | 40.00   | 94.05                                | 504.96  | 0.599  | 3.725                                |
| Year 2001        | 5.83                                   | 14.58                                | 43.89   | 75.74                                | 425.17  | 0.612  | 3.906                                |
| 1st Quarter 2002 | 5.45                                   | 11.42                                | 46.47   | 67.38                                | 388.68  | 0.497  | 2.401                                |

1. UNCLASSIFIED  
 2. INCLUDES MISCELLANEOUS METAL

EXHIBIT B

METRIC UNITS  
CALIFORNIA DEPARTMENT OF TRANSPORTATION  
AVERAGE HIGHWAY  
CONTRACT PRICES

|                  | <u>ROADWAY<br/>EXCAVATION<br/>" 1 "</u> | <u>AGGREGATE<br/>BASE</u> | <u>ASPHALT<br/>CONCRETE<br/>PAVEMENT</u> | <u>PCC<br/>PAVEMENT</u> | <u>CLASS "A"<br/>PCC<br/>STRUCTURE</u> | <u>BAR<br/>REINFORCING<br/>STEEL</u> | <u>STRUCTURAL<br/>STEEL<br/>" 2 "</u> |
|------------------|---|---------------------------|--|-------------------------|--|--------------------------------------|---------------------------------------|
|                  | <u>PER M3</u>                           | <u>PER TONN</u>           | <u>PER TONN</u>                          | <u>PER M3</u>           | <u>PER M3</u>                          | <u>PER KG</u>                        | <u>PER KG</u>                         |
| 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                                 |
| 1989 .....       | 5.48                                    | 11.71                     | 32.44                                    | 96.50                   | 396.95                                 | 1.065                                | 6.841                                 |
| 1990 . ...       | 6.19                                    | 13.28                     | 33.92                                    | 90.16                   | 386.16                                 | 1.034                                | 4.870                                 |
| 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                                 |
| 2nd Quarter 2000 | 9.87                                    | 12.51                     | 49.99                                    | 89.09                   | 599.48                                 | 1.341                                | 9.871                                 |
| 3rd Quarter 2000 | 5.92                                    | 12.64                     | 48.97                                    | 107.70                  | 425.63                                 | 1.169                                | 6.848                                 |
| 4th Quarter 2000 | 10.91                                   | 11.25                     | 51.71                                    | 95.75                   | 401.31                                 | 1.073                                | 5.532                                 |
| Year 2000        | 8.12                                    | 12.28                     | 49.73                                    | 102.21                  | 475.55                                 | 1.118                                | 6.071                                 |
| 1st Quarter 2001 | 5.02                                    | 14.61                     | 45.20                                    | 91.48                   | 552.57                                 | 1.483                                | 11.329                                |
| 2nd Quarter 2001 | 7.77                                    | 19.41                     | 51.06                                    | 135.62                  | 357.82                                 | 1.342                                | 6.831                                 |
| 3rd Quarter 2001 | 11.38                                   | 15.86                     | 55.39                                    | 79.27                   | 472.08                                 | 1.367                                | 9.565                                 |
| 4th Quarter 2001 | 12.64                                   | 15.00                     | 44.10                                    | 123.01                  | 660.46                                 | 1.321                                | 8.213                                 |
| Year 2001        | 7.63                                    | 16.07                     | 48.39                                    | 99.06                   | 556.10                                 | 1.349                                | 8.612                                 |
| 1st Quarter 2002 | 7.13                                    | 12.59                     | 51.22                                    | 88.13                   | 508.37                                 | 1.095                                | 5.292                                 |

1. UNCLASSIFIED
2. INCLUDES MISCELLANEOUS METAL