

**California  
Department of Transportation**

**Price Index for Selected Highway Construction Items  
Fourth Quarter Ending December 31, 2016**

**SUMMARY**

|  |               |
|--|---------------|
| <b>Index this quarter</b>              | <b>144.73</b> |
| Point change from last quarter         | <b>1.00</b>   |
| Percentage change from last quarter    | <b>0.69%</b>  |
|  |               |
| <b>Index last 12 months</b>            | <b>140.75</b> |
| Point change from previous report      | <b>2.62</b>   |
| Percentage change from previous report | <b>1.9%</b>   |

|   |            |
|---|------------|
|   |            |
| Average number of bidders this quarter        | <b>5.4</b> |
|   |            |
| Change in number of bidders from last quarter | <b>0.2</b> |

Notes: Price indices are computed using the Fisher formula and base year 2007.

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California Department of Transportation

Price Index for Selected Highway Construction Items  
4th Quarter Ending December 31, 2016

Prepared by Division of Engineering Services - Office Engineer

**NOTE:** All information shown in the publication was assembled using the 2007 base year.

The California Price Index for Selected Highway Construction Items for the fourth quarter of 2016 stands at 144.73, down 1.0 points (0.69 percent) from the third quarter of 2016 index of 145.73. The Index for the year-to-date (December 31, 2015 through December 31, 2016) is 140.75, down 2.62 points (1.9 percent) from the third quarter of 2016 year-to-date index of 138.13.

Cost increases were recorded in Roadway Excavation, Aggregate Base, Asphalt Concrete Pavement and Bar Reinforcing Steel in the fourth quarter.

The average number of bidders per project in the fourth quarter of 2016 is 5.4, more amount of bidder per project as compared to 5.2 in the third quarter of 2016 and up 0.1 as compared to 5.3 in the corresponding quarter of 2015.

**Projects Bid Opened**

(Oct 1, 2016 through December 31, 2016)

| Range(by \$)        |    |           | Number of Projects | %           | Amounts of Projects (\$) | %           |
|---------------------|----|-----------|--------------------|-------------|--------------------------|-------------|
| Up to 50,000        |    |           | 0                  | 0.00%       | 0                        | 0.000%      |
| 50,000              | to | 100,000   | 0                  | 0.00%       | 0                        | 0.00%       |
| 100,000             | to | 250,000   | 2                  | 1.94%       | \$438,793                | 0.07%       |
| 250,000             | to | 500,000   | 6                  | 5.83 %      | \$2,082,169              | 0.35%       |
| 500,000             | to | 1,000,000 | 12                 | 11.65%      | \$9,595,620              | 1.63%       |
| 1,000,000           | to | 2,500,000 | 24                 | 23.30%      | \$41,937,563             | 7.12 %      |
| 2,500,000           | to | 5,000,000 | 25                 | 24.27%      | \$86,781,729             | 14.74%      |
| 5,000,000 and above |    |           | 34                 | 33.01%      | \$447,817,000            | 76.07%      |
| <b>Total</b>        |    |           | <b>103</b>         | <b>100%</b> | <b>\$588,652,874</b>     | <b>100%</b> |

## **Construction Item Costs Based on English Units**

### Roadway Excavation: \$23.6 per cubic yard

The price increased \$0.20 from the average price of \$23.4 per cubic yard last quarter. The bid prices ranged from \$8.00 to \$1000.00 per cubic yard.

### Aggregate Base: \$28.2 per ton

The price increased \$2.10 from the average price of \$26.1 per ton last quarter. The bid prices ranged from \$21 to \$1550 per ton.

### Asphalt Concrete Pavement: \$123.1 per ton

The price increased \$0.50 from the average price of \$122.6 per ton last quarter. The bid prices ranged from \$75 to \$6200.00 per ton.

### Portland Cement Concrete (Pavement): \$219.3 per cubic yard

The price decreased \$8.70 from the average price of \$228 per cubic yard last quarter. The bid prices ranged from \$150.00 to \$2200.00 per cubic yard.

### Portland Cement Concrete (Structure): \$758.9 per cubic yard

The price decreased \$2.10 from the average price of \$761 per cubic yard last quarter. The bid prices ranged from \$500.00 to \$2200.00 per cubic yard.

### Bar Reinforcing Steel: \$1.67 per pound

The price increased \$0.02 from the average price of \$1.65 per pound last quarter. The bid prices ranged from \$0.75 to 20.00 per pound.

### Structural Steel: \$20.62 per pound

The price decreased \$0.07 from the average price of \$20.70 per pound last quarter. The bid prices ranged from \$16.00 to \$110 per pound.

## **Construction Item Costs Based on Metric Units**

### Roadway Excavation: \$30.87 per cubic meter

The price increased \$0.26 from the average price of \$30.61 per cubic meter last quarter. The bid prices ranged from \$10.46 to \$1307.95 per cubic meter.

### Aggregate Base: \$31.09 per tonn

The price increased \$2.32 from the average price of \$28.77 per tonn last quarter. The bid prices ranged from \$23.15 to \$1708.58 per tonn.

### Asphalt Concrete Pavement: \$135.69 per tonn

The price increased \$0.55 from the average price of \$135.14 per tonn last quarter. The bid prices ranged from \$82.67 to \$6834.33 per tonn.

### Portland Cement Concrete (Pavement): \$286.83 per cubic meter

The price decreased \$11.38 from the average price of \$298.21 per cubic meter last quarter. The bid prices ranged from \$196.19 to \$2877.49 per cubic meter.

### Portland Cement Concrete (Structure): \$992.6 per cubic meter

The price decreased \$2.75 from the average price of \$995.35 per cubic meter last quarter. The bid prices ranged from \$653.98 to \$2877.49 per cubic meter.

### Bar Reinforcing Steel: \$3.682 per kilogram

The price increased \$0.44 from the average price of \$3.638 per kilogram last quarter. The bid prices ranged from \$1.653 to \$45.459 per kilogram.

### Structural Steel: \$45.459 per kilogram

The price decreased \$0.177 from the average price of \$45.636 per kilogram last quarter. The bid prices ranged from \$35.273 to \$242.509 per kilogram.

EXHIBIT A

**Price Index for Selected  
Highway Construction Items  
2007 = 100, Fisher formula**

| <u>YEAR</u> | <u>QTRLY</u>  | <u>LAST 12 Months</u> | <u>Annual</u> |
|-------------|---------------|-----------------------|---------------|
| 1972        |               |                       | 11.3          |
| 1973        |               |                       | 11.4          |
| 1974        |               |                       | 17.2          |
| 1975        |               |                       | 17.2          |
| 1976        |               |                       | 16.5          |
| 1977        |               |                       | 19.8          |
| 1978        |               |                       | 22.6          |
| 1979        |               |                       | 29.3          |
| 1980        |               |                       | 30.1          |
| 1981        |               |                       | 34.4          |
| 1982        |               |                       | 30.9          |
| 1983        |               |                       | 31.0          |
| 1984        |               |                       | 36.2          |
| 1985        |               |                       | 36.0          |
| 1986        |               |                       | 37.3          |
| 1987        |               |                       | 39.7          |
| 1988        |               |                       | 40.5          |
| 1989        |               |                       | 43.9          |
| 1990        |               |                       | 44.1          |
| 1991        |               |                       | 40.4          |
| 1992        |               |                       | 40.4          |
| 1993        |               |                       | 42.2          |
| 1994        |               |                       | 46.2          |
| 1995        |               |                       | 45.0          |
| 1996        |               |                       | 45.6          |
| 1997        |               |                       | 47.6          |
| 1998        |               |                       | 49.9          |
| 1999        |               |                       | 52.9          |
| 2000        |               |                       | 53.5          |
| 2001        |               |                       | 58.7          |
| 2002        |               |                       | 53.1          |
| 2003        |               |                       | 56.6          |
| 2004        |               |                       | 79.1          |
| 2005        |               |                       | 98.1          |
| 2006        |               |                       | 104.1         |
| 2007        |               |                       | 100.0         |
| 2008        |               |                       | 95.0          |
| 2009        | (1st Quarter) | 98.1                  | 95.5          |
| 2009        | (2nd Quarter) | 74.5                  | 92.0          |
| 2009        | (3rd Quarter) | 88.4                  | 80.4          |
| 2009        | (4th Quarter) | 74.3                  |               |
|             | (Year)        |                       | 78.4          |
| 2010        | (1st Quarter) | 101.5                 | 78.5          |
| 2010        | (2nd Quarter) | 79.3                  | 79.1          |
| 2010        | (3rd Quarter) | 72.1                  | 76.2          |
| 2010        | (4th Quarter) | 76.7                  |               |
|             | (Year)        |                       | 76.8          |
| 2011        | (1st Quarter) | 86.4                  | 76.2          |
| 2011        | (2nd Quarter) | 85.2                  | 78.9          |
| 2011        | (3rd Quarter) | 85.8                  | 81.7          |
| 2011        | (4th Quarter) | 81.4                  |               |
|             | (Year)        |                       | 84.0          |
| 2012        | (1st Quarter) | 81.1                  | 82.9          |
| 2012        | (2nd Quarter) | 84.6                  | 81.3          |
| 2012        | (3rd Quarter) | 76.4                  | 79.3          |

|      |               |       |        |        |       |
|------|---------------|-------|--------|--------|-------|
| 2012 | (4th Quarter) | ..... | 82.8   |        |       |
|      | (Year)        | ..... |        |        | 79.2  |
| 2013 | (1st Quarter) | ..... | 117.9  | 80.7   |       |
| 2013 | (2nd Quarter) | ..... | 134.9  | 82.5   |       |
| 2013 | (3rd Quarter) | ..... | 81.6   | 85.7   |       |
| 2013 | (4th Quarter) | ..... | 106.2  |        |       |
|      | (Year)        | ..... |        |        | 97.09 |
| 2014 | (1st Quarter) | ..... | 135.3  | 96.88  |       |
| 2014 | (2nd Quarter) | ..... | 109.11 | 104.56 |       |
| 2014 | (3rd Quarter) | ..... | 110.39 | 107.37 |       |
| 2014 | (4th Quarter) | ..... | 120.17 | 108.32 |       |
| 2015 | (1st Quarter) | ..... | 138.22 | 107.88 |       |
| 2015 | (2nd Quarter) | ..... | 110.93 | 109.91 |       |
| 2015 | (3rd Quarter) | ..... | 117.91 | 119.69 |       |
| 2015 | (4th Quarter) | ..... | 128.21 | 122.02 |       |
| 2016 | (1st Quarter) | ..... | 127.93 | 124.29 |       |
| 2016 | (2nd Quarter) | ..... | 130.75 | 128.71 |       |
| 2016 | (3rd Quarter) | ..... | 145.73 | 138.13 |       |
| 2016 | (4th Quarter) | ..... | 144.73 | 140.75 |       |

EXHIBIT B

California Department of Transportation  
Average Highway Contract Prices  
(English Units)

|                  | Roadway<br>Excavation<br>"1"<br><u>Per Cu Yd</u> | Aggregate<br>Base<br><u>Per Ton</u> | Asphalt<br>Concrete<br>Pavement<br><u>Per Ton</u> | PCC<br>Pavement<br><u>Per Cu Yd</u> | Class "A"<br>PCC<br>Structure<br><u>Per Cu Yd</u> | Bar<br>Reinforcing<br>Steel<br><u>Per Lb</u> | Structural<br>Steel<br>"2"<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                                       |
| 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                                       |
| 1992             | 3.62   | 9.76                                | 32.46   | 66.78                               | 265.31  | 0.419  | 3.073                                       |
| 1993             | 4.53   | 9.89                                | 35.41   | 66.76                               | 243.79  | 0.464  | 2.706                                       |
| 1994             | 4.68   | 10.39                               | 37.15   | 66.45                               | 277.92  | 0.547  | 2.334                                       |
| 1995             | 4.10   | 10.18                               | 35.29   | 63.85                               | 298.80  | 0.499  | 2.266                                       |
| 1996             | 3.80   | 9.74                                | 37.66   | 65.93                               | 321.88  | 0.512  | 2.172                                       |
| 1997             | 5.25   | 10.29                               | 36.07   | 78.48                               | 308.54  | 0.496  | 2.337                                       |
| 1998             | 4.95   | 11.55                               | 38.78   | 75.91                               | 319.95  | 0.553  | 2.595                                       |
| 1999             | 6.55   | 12.86                               | 40.14   | 77.95                               | 321.22  | 0.521  | 3.215                                       |
| 2000             | 6.21   | 11.14                               | 45.12   | 78.14                               | 363.59  | 0.507  | 2.754                                       |
| 2001             | 5.83   | 14.58                               | 43.89   | 75.74                               | 425.17  | 0.612  | 3.906                                       |
| 2002             | 4.84   | 12.42                               | 49.00   | 74.15                               | 363.50  | 0.508  | 3.248                                       |
| 2003             | 5.05   | 15.05                               | 48.35   | 109.96                              | 362.75  | 0.600  | 1.710                                       |
| 2004             | 13.11  | 16.97                               | 53.55   | 135.94                              | 399.64  | 0.947  | 5.390                                       |
| 2005             | 14.13  | 20.61                               | 75.72   | 171.22                              | 567.31  | 0.968  | 2.666                                       |
| 2006             | 12.80  | 20.26                               | 86.04   | 179.67                              | 630.16  | 1.039  | 3.734                                       |
| 2007             | 10.84  | 20.54                               | 85.48   | 204.69                              | 566.25  | 0.935  | 6.966                                       |
| 2008             | 11.39  | 17.90                               | 78.50   | 177.91                              | 553.62  | 0.938  | 5.183                                       |
| 2009             | 9.37   | 14.91                               | 80.38   | 125.41                              | 484.78  | 0.593  | 4.492                                       |
| 1st Quarter 2010 | 26.70  | 21.79                               | 85.51   | 116.22                              | 609.73  | 0.775  | 3.999                                       |
| 2nd Quarter 2010 | 11.79  | 14.49                               | 86.30   | 148.42                              | 419.24  | 0.673  | 1.958                                       |
| 3rd Quarter 2010 | 5.49   | 16.61                               | 75.00   | 131.73                              | 434.65  | 0.669  | 8.227                                       |
| 4th Quarter 2010 | 7.67   | 12.81                               | 76.54   | 112.71                              | 547.98  | 0.788  | 1.826                                       |
| <b>Year 2010</b> | <b>7.94</b>                                      | <b>14.20</b>                        | <b>80.25</b>                                      | <b>122.82</b>                       | <b>483.64</b>                                     | <b>0.716</b>                                 | <b>2.149</b>                                |
| 1st Quarter 2011 | 11.37  | 11.79                               | 84.60   | 150.76                              | 431.25  | 0.870  | 7.212                                       |
| 2nd Quarter 2011 | 9.71   | 16.50                               | 93.35   | 120.87                              | 487.87  | 0.791  | 2.328                                       |
| 3rd Quarter 2011 | 11.56  | 15.34                               | 97.53   | 143.76                              | 421.50  | 0.891  | 7.255                                       |
| 4th Quarter 2011 | 13.51  | 14.49                               | 81.33   | 147.29                              | 335.31  | 0.900  | 2.023                                       |
| <b>Year 2011</b> | <b>11.82</b>                                     | <b>14.12</b>                        | <b>87.11</b>                                      | <b>135.40</b>                       | <b>427.76</b>                                     | <b>0.830</b>                                 | <b>2.102</b>                                |
| 1st Quarter 2012 | 8.34   | 16.43                               | 99.70   | 117.18                              | 506.31  | 0.878  | 2.858                                       |
| 2nd Quarter 2012 | 5.87   | 13.03                               | 97.06   | 143.19                              | 465.09  | 1.008  | 20.000                                      |
| 3rd Quarter 2012 | 7.39   | 13.77                               | 72.92   | 138.70                              | 454.53  | 0.907  | 1.895                                       |
| 4th Quarter 2012 | 12.73  | 17.77                               | 94.41   | 153.24                              | 458.51  | 0.952  | 2.586                                       |
| <b>Year 2012</b> | <b>8.24</b>                                      | <b>14.66</b>                        | <b>89.36</b>                                      | <b>132.52</b>                       | <b>461.23</b>                                     | <b>0.927</b>                                 | <b>2.497</b>                                |
| 1st Quarter 2013 | 13.98  | 34.74                               | 102.58  | 135.96                              | 731.69  | 1.292  | 11.018                                      |
| 2nd Quarter 2013 | 20.54  | 24.91                               | 97.14   | 470.00                              | 704.67  | 1.456  | 5.263                                       |
| 3rd Quarter 2013 | 5.47   | 16.32                               | 100.47  | 172.27                              | 502.10  | 0.912  | 17.647                                      |
| 4th Quarter 2013 | 16.80  | 25.14                               | 110.07  | 159.50                              | 462.23  | 0.943  | 8.00  |

|                  |              |              |               |               |               |             |               |
|------------------|--------------|--------------|---------------|---------------|---------------|-------------|---------------|
| <b>Year 2013</b> | <b>8.98</b>  | <b>18.60</b> | <b>100.11</b> | <b>157.26</b> | <b>538.01</b> | <b>1.01</b> | <b>5.57</b>   |
| 1st Quarter 2014 | 22.47        | 27.26        | 103.56        | 242.47        | 771.12        | 1.084       | 3.21          |
| 2nd Quarter 2014 | 15.797       | 21.58        | 89.358        | 188.39        | 538.387       | 1.049       | 7.998         |
| 3rd Quarter 2014 | 14.51        | 18.14        | 81.85         | 227.8         | 750.82        | 1.16        | 13.88         |
| 4th Quarter 2014 | 17.20        | 25.44        | 113.10        | 166.23        | 582.22        | 1.18        | 15.44         |
| <b>Year 2014</b> | <b>17.49</b> | <b>23.10</b> | <b>96.97</b>  | <b>206.22</b> | <b>660.64</b> | <b>1.12</b> | <b>10.132</b> |
| 1st Quarter 2015 | 17.40        | 25.55        | 116.21        | 166.41        | 588.18        | 1.21        | 16.46         |
| 2nd Quarter 2015 | 14.20        | 21.60        | 106.85        | 170.56        | 579.43        | 1.16        | 14.77         |
| 3rd Quarter 2015 | 14.28        | 19.72        | 84.20         | 219.78        | 754.11        | 1.16        | 14.63         |
| 4th Quarter 2015 | 17.60        | 24.55        | 113.10        | 219.82        | 689.72        | 1.27        | 16.32         |
| <b>Year 2015</b> | <b>15.87</b> | <b>22.85</b> | <b>105.09</b> | <b>194.14</b> | <b>652.86</b> | <b>1.20</b> | <b>15.54</b>  |
| 1st Quarter 2016 | 18.10        | 23.30        | 121           | 194           | 644           | 1.41        | 17.82         |
| 2nd Quarter 2016 | 19.30        | 22.40        | 119           | 202           | 648           | 1.74        | 19.33         |
| 3rd Quarter 2016 | 23.40        | 26.10        | 122.6         | 228           | 761           | 1.65        | 20.70         |
| 4th Quarter 2016 | 23.60        | 28.20        | 123.10        | 219.30        | 758.90        | 1.67        | 20.62         |
| <b>Year 2016</b> | <b>21.10</b> | <b>25.00</b> | <b>121.43</b> | <b>210.83</b> | <b>702.98</b> | <b>1.62</b> | <b>19.62</b>  |

1. Unclassified.
2. Beginning 1st quarter 2003, structural steel includes the furnish and the erect structural steel (bridge).



EXHIBIT B

California Department Of Transportation  
Average Highway Contract Prices  
(Metric Units)

|                  | Roadway<br>Excavation<br>"1"<br><u>Per M3</u> | Aggregate<br>Base<br><u>Per Tonn</u> | Asphalt<br>Concrete<br>Pavement<br><u>Per Tonn</u> | PCC<br>Pavement<br><u>Per M3</u> | Class "A"<br>PCC<br>Structure<br><u>Per M3</u> | Bar<br>Reinforcing<br>Steel<br><u>Per Kg</u> | Structural<br>Steel<br>"2"<br><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                                       |
| 1992             | 4.73  | 10.76                                | 35.78  | 87.34                            | 347.01   | 0.924  | 6.775                                       |
| 1993             | 5.93  | 10.90                                | 39.03  | 87.32                            | 318.87   | 1.023  | 5.966                                       |
| 1994             | 6.12  | 11.45                                | 40.95  | 86.91                            | 363.51   | 1.206  | 5.146                                       |
| 1995             | 5.36  | 11.22                                | 38.90  | 83.51                            | 390.82   | 1.100  | 4.996                                       |
| 1996             | 5.09  | 10.74                                | 41.51  | 86.23                            | 421.00   | 1.129  | 4.788                                       |
| 1997             | 6.87  | 11.35                                | 39.76  | 102.65                           | 403.56   | 1.094  | 5.152                                       |
| 1998             | 6.47  | 12.73                                | 42.75  | 99.29                            | 418.48   | 1.219  | 5.721                                       |
| 1999             | 8.57  | 14.17                                | 44.24  | 101.95                           | 420.15   | 1.148  | 7.088                                       |
| 2000             | 8.12  | 12.28                                | 49.73  | 102.21                           | 475.55   | 1.118  | 6.071                                       |
| 2001             | 7.63  | 16.07                                | 48.39  | 99.06                            | 556.10   | 1.349  | 8.612                                       |
| 2002             | 6.32  | 13.70                                | 54.01  | 96.99                            | 475.44   | 1.120  | 7.160                                       |
| 2003             | 6.60  | 16.59                                | 53.30  | 143.82                           | 474.45   | 1.313  | 3.769                                       |
| 2004             | 17.15   | 18.70                                | 59.03  | 177.81                           | 522.71   | 2.087  | 11.883                                      |
| 2005             | 18.48   | 22.72                                | 83.47  | 223.94                           | 742.02   | 2.134  | 5.878                                       |
| 2006             | 16.75   | 22.34                                | 94.84  | 235.00                           | 824.21   | 2.291  | 8.231                                       |
| 2007             | 14.18   | 22.64                                | 94.23  | 267.73                           | 740.62   | 2.062  | 15.358                                      |
| 2008             | 14.90   | 19.73                                | 86.53  | 232.69                           | 724.11   | 2.068  | 11.426                                      |
| 2009             | 12.25   | 16.44                                | 88.61  | 164.03                           | 634.07   | 1.308  | 9.902                                       |
| 1st Quarter 2010 | 34.92   | 24.02                                | 94.26  | 152.01                           | 797.50   | 1.708  | 8.816                                       |
| 2nd Quarter 2010 | 15.42   | 15.97                                | 95.13  | 194.12                           | 548.35   | 1.484  | 4.317                                       |
| 3rd Quarter 2010 | 7.18  | 18.31                                | 82.68  | 172.30                           | 568.50   | 1.476  | 18.138                                      |
| 4th Quarter 2010 | 10.03   | 14.12                                | 84.37  | 147.42                           | 716.74   | 1.738  | 4.027                                       |
| <b>Year 2010</b> | <b>10.38</b>                                  | <b>15.65</b>                         | <b>88.47</b>                                       | <b>160.64</b>                    | <b>632.57</b>                                  | <b>1.579</b>                                 | <b>4.738</b>                                |
| 1st Quarter 2011 | 14.87   | 12.99                                | 93.26  | 197.19                           | 564.05   | 1.918  | 15.901                                      |
| 2nd Quarter 2011 | 12.70   | 18.19                                | 102.90   | 158.09                           | 638.12   | 1.745  | 5.133                                       |
| 3rd Quarter 2011 | 15.12   | 16.91                                | 107.51   | 188.03                           | 551.31   | 1.964  | 15.994                                      |
| 4th Quarter 2011 | 17.68   | 15.97                                | 89.65  | 192.65                           | 438.56   | 1.985  | 4.460                                       |
| <b>Year 2011</b> | <b>15.46</b>                                  | <b>15.57</b>                         | <b>96.02</b>                                       | <b>177.09</b>                    | <b>559.48</b>                                  | <b>1.829</b>                                 | <b>4.634</b>                                |
| 1st Quarter 2012 | 10.91   | 18.11                                | 109.90   | 153.26                           | 662.23   | 1.936  | 6.301                                       |
| 2nd Quarter 2012 | 7.68  | 14.36                                | 106.99   | 187.29                           | 608.32   | 2.222  | 44.092                                      |
| 3rd Quarter 2012 | 9.67  | 15.18                                | 80.38  | 181.41                           | 594.50   | 2.000  | 4.177                                       |
| 4th Quarter 2012 | 16.65   | 19.59                                | 104.07   | 200.42                           | 599.70   | 2.099  | 5.701                                       |
| <b>Year 2012</b> | <b>10.78</b>                                  | <b>16.16</b>                         | <b>98.50</b>                                       | <b>173.33</b>                    | <b>603.27</b>                                  | <b>2.044</b>                                 | <b>5.505</b>                                |
| 1st Quarter 2013 | 18.28   | 38.29                                | 113.08   | 177.83                           | 957.02   | 2.848  | 24.291                                      |
| 2nd Quarter 2013 | 26.87   | 27.46                                | 107.08   | 614.74                           | 921.68   | 3.209  | 11.603                                      |
| 3rd Quarter 2013 | 7.15  | 17.99                                | 110.75   | 225.32                           | 656.73   | 2.010  | 38.904                                      |

|                  |              |              |               |               |               |             |              |
|------------------|--------------|--------------|---------------|---------------|---------------|-------------|--------------|
| 4th Quarter 2013 | 21.98        | 27.71        | 121.33        | 208.61        | 604.58        | 2.078       | 17.637       |
| <b>Year 2013</b> | <b>11.74</b> | <b>20.51</b> | <b>110.36</b> | <b>205.68</b> | <b>703.69</b> | <b>2.23</b> | <b>12.27</b> |
| 1st Quarter 2014 | 29.39        | 30.045       | 114.15        | 317.142       | 1008.58       | 2.39        | 7.08         |
| 2nd Quarter 2014 | 20.662       | 21.58        | 98.5          | 246.405       | 704.184       | 2.312       | 17.632       |
| 3rd Quarter 2014 | 18.98        | 19.99        | 90.22         | 297.95        | 982.03        | 2.56        | 30.59        |
| 4th Quarter 2014 | 22.53        | 27.98        | 124.41        | 217.76        | 762.70        | 2.59        | 33.96        |
| <b>Year 2014</b> | <b>22.89</b> | <b>24.90</b> | <b>106.82</b> | <b>217.76</b> | <b>864.37</b> | <b>2.46</b> | <b>22.31</b> |
| 1st Quarter 2015 | 22.79        | 28.10        | 127.83        | 218.00        | 770.51        | 2.66        | 36.20        |
| 2nd Quarter 2015 | 18.57        | 23.18        | 117.78        | 223.08        | 757.87        | 2.56        | 32.56        |
| 3rd Quarter 2015 | 18.68        | 21.74        | 92.81         | 287.46        | 986.34        | 2.67        | 32.25        |
| 4th Quarter 2015 | 23.02        | 27.06        | 122.69        | 287.51        | 902.12        | 2.80        | 35.98        |
| <b>Year 2015</b> | <b>20.76</b> | <b>25.02</b> | <b>115.28</b> | <b>254.02</b> | <b>854.21</b> | <b>2.67</b> | <b>34.25</b> |
| 1st Quarter 2016 | 23.67        | 25.68        | 133.38        | 253.74        | 842.32        | 3.11        | 39.28        |
| 2nd Quarter 2016 | 25.24        | 24.69        | 131.18        | 264.21        | 847.55        | 3.836       | 42.615       |
| 3rd Quarter 2016 | 30.61        | 28.77        | 135.14        | 298.21        | 995.35        | 3.638       | 45.636       |
| 4th Quarter 2016 | 30.87        | 31.09        | 135.69        | 286.83        | 992.60        | 3.682       | 45.459       |
| <b>Year 2016</b> | <b>27.60</b> | <b>27.56</b> | <b>133.85</b> | <b>275.75</b> | <b>919.46</b> | <b>3.57</b> | <b>43.25</b> |

1. Unclassified.
2. Beginning 1st quarter 2003, structural steel includes the furnish and the erect structural steel (bridge).