Office Tel: (651)366-4639 Fax: (651)366-4677

Memo

TO: Addressees

FROM: Mary Lacho

Estimates Engineer

DATE: June 24, 2014

SUBJECT: Cost Index – 2013 Fourth Quarter / Year End

Estimates Engineer – 4th Quarter 2013 Notes:

The 2013 Fourth Quarter Minnesota Highway Construction Composite Cost Index was not computed due the absence of the structural steel indicator item.

An indicator item that increased significantly compared to 4th Quarter 2012 was Structural Concrete. The primary contributor to this indicator is a single three and a half-year project that is scheduled to finish in 2017, the St. Croix River crossing project.

Fourth Quarter - 2013

The fourth quarter index was based on \$84.26 million of work considered from 13 Projects. Fourth quarter 2013 cost information is compared to fourth quarter 2012 below.

- The average Excavation cost was \$6.10/CY, up 1.96/CY from the fourth quarter of 2012. 4
 projects were considered this quarter.
- The average Reinforcing Steel cost was \$1.25/LB, up \$0.11/LB from the fourth quarter of 2012. 6 projects were considered this quarter.
- The average Structural Steel indicator item was absent of data.
- The average Structural Concrete cost was \$634.10/CY, up \$232.20/CY from the fourth quarter of 2012. 7 projects were considered this quarter.
- The average Concrete Pavement cost was \$100.95/CY, down \$44.24/CY from the fourth quarter of 2012. 2 projects were considered this quarter.
- The average Plant Mixed Bituminous cost was \$56.90/TON, up \$3.54/TON from the fourth quarter of 2012. 8 projects were considered this quarter.

















| Indicator Costs | | | | | | | | | | |
|---|------------|---------------------------|----------|----------|------------|-----|---------|-----------|--|--|
| | | | | | | | | | | |
| Fourth Quarter 2012 Fourth Quarter 2013 | | | | | | | | | | |
| Item | Quantit | Quantity Cost * Unit Cost | | | | | Cost * | Unit Cost | | |
| Excavation | 3,072,328 | CY | \$12.72 | \$4.14 | 501,833 | CY | \$3.06 | \$6.10 | | |
| Reinforcing Steel | 23,224,170 | LB | \$26.48 | \$1.14 | 19,210,978 | LB | \$23.92 | \$1.25 | | |
| Structural Steel | 13,641,553 | LB | \$21.44 | \$1.57 | ** | LB | ** | ** | | |
| Structural Concrete | 104,257 | CY | \$41.90 | \$401.90 | 45,833 | CY | \$29.06 | \$634.10 | | |
| Concrete Pavement | 59,222 | CY | \$8.60 | \$145.19 | 79,685 | CY | \$8.04 | \$100.95 | | |
| Plant-Mixed Bituminous | 401,938 | TON | \$21.45 | \$53.36 | 354,453 | TON | \$20.17 | \$56.90 | | |
| Total | | | \$132.59 | | | | \$84.26 | | | |

* Millions of dollars

Project information and cost indices from the fourth quarter of 2013 are compared to the fourth quarter of 2012 below.

| Minnesota Highway Construction Project Summary | | | | | | | |
|--|----------|----------|--|--|--|--|--|
| | 2012 Q4 | 2013 Q4 | | | | | |
| Number of Projects Awarded | 27 | 37 | | | | | |
| Awarded Amount (\$ million) | \$374.65 | \$417.54 | | | | | |
| Total Number of Bidders | 119 | 136 | | | | | |
| Average No. of Bidders | 4.41 | 3.68 | | | | | |
| Number of Cost Index Projects | 13 | 13 | | | | | |
| Cost Index Amount (\$ million) | \$132.59 | \$84.26 | | | | | |
| | | | | | | | |
| Excavation Index | 206.53 | 304.08 | | | | | |
| Structures Index | 211.43 | *** | | | | | |
| Surfacing Index | 298.86 | 298.75 | | | | | |
| Composite Cost Index (CI) | 258.54 | *** | | | | | |

^{***} Not computed due to the absence of data for associated indicator items.

The average number of bidders per project was 3.68 for the fourth quarter of 2013. In comparison, the average number of fourth quarter bidders in 2012 and 2011 were 4.41 and 4.83 respectively.

















^{**} Not computed due to the absence of data.

Estimates Engineer – Year End 2013 Notes:

The 2013 Year End Minnesota Highway Construction Composite Cost Index was not computed due the absence of the structural steel indicator item.

The average Plant Mixed Bituminous was down from last year, the first time it dropped for the year since 2009. The structural concrete indicator increased significantly. As mentioned in the 4th quarter, the primary contributor to this indicator is a single three and a half-year project that is scheduled to finish in 2017, the St. Croix River crossing project. Another contributor to this increase was a metro project in the 2nd quarter. This was the TH 694 CPR and bridge repairs project from TH 100 to 35W.

Year End – 2013

The Year-End 2013 index was based on \$314.92 million of work considered from 106 Projects.

- The average Excavation cost was \$4.05/CY, down 2.4% (\$0.10/CY) from Year-End 2012. 27 projects were considered in 2013.
- The average Reinforcing Steel cost was \$1.22/LB, up 6.1% (\$0.07/LB) from Year-End 2012. 31 projects were considered in 2013.
- The average Structural Steel indicator item was absent of data.
- The average Structural Concrete cost was \$594.62/CY, up 42.1% (\$176.25/CY) from Year-End 2012. 31 projects were considered in 2013.
- The average Concrete Pavement cost was \$110.29/CY, up 8.4% (\$8.55/CY) from Year-End 2012. 9 projects were considered in 2013.
- The average Plant Mixed Bituminous cost was \$55.44/TON, down 0.5% (\$0.26/TON) from Year-End 2012. 86 projects were considered in 2013.

















Year 2013 cost information is compared to year 2012 below.

| Indicator Costs | | | | | | | | | | |
|----------------------------|------------|-----------|----------|--------------|--------------|-----|----------|--------------|--|--|
| | | Year 2013 | | | | | | | | |
| Item | Quantit | у | Cost * | Unit Cost | Quantity Cos | | | Unit Cost | | |
| Excavation | 7,200,910 | CY | \$29.92 | \$4.15 | 4,458,846 | CY | \$18.05 | \$4.05 | | |
| Reinforcing Steel | 26,322,016 | LB | \$30.19 | \$1.15 | 23,360,113 | LB | \$28.41 | \$1.22 | | |
| Structural Steel | 13,641,553 | LB | \$21.44 | \$1.57 | 0 | LB | \$0.00 | \$0.00 | | |
| Structural Concrete | 126,330 | CY | \$52.85 | \$418.37 | 75,170 | CY | \$44.70 | \$594.62 | | |
| Concrete Pavement | 533,039 | CY | \$54.23 | \$101.74 | 190,737 | CY | \$21.04 | \$110.29 | | |
| Plant-Mixed Bit. | 2,962,926 | TON | \$165.05 | \$55.70 | 3,656,409 | TON | \$202.73 | \$55.44 | | |
| Total | | | \$353.67 | | | | \$314.92 | | | |

*Millions of dollars

The following tables summarize the quarterly and year-end project information and indices for 2013.

| 2013 Minnesota Highway Construction Project Summary | | | | | | | | | |
|---|----------|----------|----------|----------|--------------|--|--|--|--|
| | | | | | | | | | |
| | Q1 | Q2 | Q3 | Q4 | Year 2013 | | | | |
| No. of Projects Awarded | 76 | 145 | 18 | 37 | 276 | | | | |
| Awarded Amount (\$ million) | \$307.05 | \$354.15 | \$108.32 | \$417.54 | \$1,187.06 | | | | |
| Total No. of Bidders | 283 | 446 | 48 | 136 | 913 | | | | |
| Average No. of Bidders | 3.7 | 3.1 | 2.7 | 3.7 | 3.3 | | | | |
| No. of CI Projects | 45 | 48 | 0 | 13 | 106 | | | | |
| CI Amount (\$ million) | \$103.35 | \$127.31 | 0 | \$84.26 | \$314.92 | | | | |
| | | | | | | | | | |
| Excavation Index | 192.74 | 185.76 | ** | 304.08 | 201.96 | | | | |
| Structures Index | ** | ** | ** | *** | *** | | | | |
| Surfacing Index | 281.70 | 310.83 | ** | 298.75 | 295.51 | | | | |
| Composite Cost Index | ** | ** | ** | *** | *** | | | | |

^{**} Not computed due to the absence of data for associated indicator items.

















Project information and cost indices from 2013 are compared to 2012 below.

| Minnesota Highway Construction Project Summary | | | | | | | |
|--|-----------|------------|--|--|--|--|--|
| | | | | | | | |
| | Year 2012 | Year 2013 | | | | | |
| No. of Projects Awarded | 238 | 276 | | | | | |
| Awarded Amount (\$ million) | \$925.74 | \$1,187.06 | | | | | |
| Total No. of Bidders | 861 | 913 | | | | | |
| Average No. of Bidders | 3.6 | 3.3 | | | | | |
| No. of CI Projects | 100 | 106 | | | | | |
| CI Amount (\$ million) | \$353.67 | \$314.92 | | | | | |
| | | | | | | | |
| Excavation Index | 207.23 | 201.96 | | | | | |
| Structures Index | 216.68 | *** | | | | | |
| Surfacing Index | 293.54 | 295.51 | | | | | |
| Composite Cost Index | 257.36 | *** | | | | | |

The average number of bidders per project for the year 2013 was 3.3. In comparison, the average number of bidders in 2012 and 2011 were 3.6 and 4.0 respectively.

Attached is an explanation of the derivation of the Minnesota Cost index, charts of quarterly and annual Minnesota highway construction cost trends and a table and chart comparing the yearly Minnesota Composite Cost Index with the latest yearly FHWA index.

Attachments cc: File













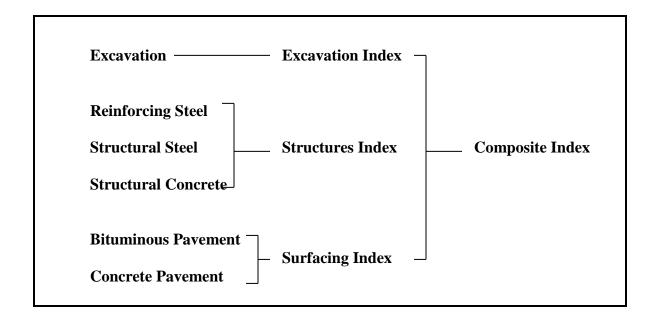




Minnesota Construction Cost Index

The Minnesota Construction Cost Index is an indicator of price trends for highway construction.

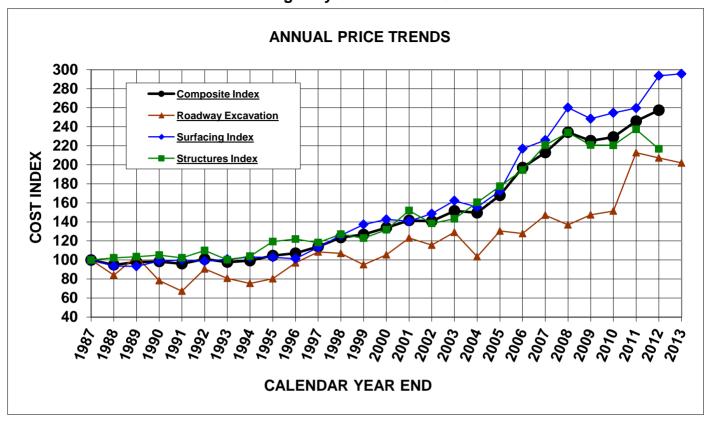
It is composed of six indicator items: roadway excavation, to indicate the price trends for all roadway excavation; concrete pavement and plant-mixed bituminous, to indicate the price trend for all surfacing types; and reinforcing steel, structural steel, and structural concrete, to indicate the price trend for structures.



Each quarter, an average unit price is computed for each indicator item. The unit price is based upon the actual bids from projects **excluding Design Build projects**, costing more than \$100,000, and let during that quarter. These unit prices include the cost of material, labor, equipment, overhead and profit.

These unit prices along with the 1987 base unit prices and quantities are used to compute the Excavation, Surfacing, Structures and Composite Index.

Minnesota Highway Construction Cost Trends

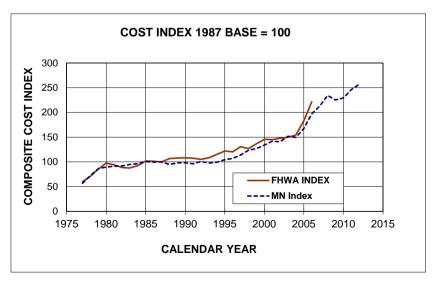




NOTE: In 2007, the FHWA stopped collecting Price Trend data, and no longer provide the reports necessary to complete the comparison graphs.

HIGHWAY CONSTRUCTION COST INDEX 1987 BASE-100

| Year End | FHWA Index | MN Index |
|----------|------------|----------|
| 1975 | | |
| 1976 | | |
| 1977 | 59.80 | 56.40 |
| 1978 | 70.70 | 72.10 |
| 1979 | 85.50 | 86.30 |
| 1980 | 97.20 | 89.60 |
| 1981 | 94.20 | 91.20 |
| 1982 | 88.50 | 91.80 |
| 1983 | 87.60 | 94.80 |
| 1984 | 92.60 | 96.40 |
| 1985 | 102.00 | 100.70 |
| 1986 | 101.10 | 99.60 |
| 1987 | 100.00 | 100.00 |
| 1988 | 106.60 | 94.90 |
| 1989 | 107.70 | 97.90 |
| 1990 | 108.50 | 98.40 |
| 1991 | 107.50 | 96.00 |
| 1992 | 105.10 | 101.00 |
| 1993 | 108.30 | 97.70 |
| 1994 | 115.10 | 99.30 |
| 1995 | 121.90 | 104.60 |
| 1996 | 120.20 | 107.10 |
| 1997 | 130.60 | 114.00 |
| 1998 | 126.90 | 123.58 |
| 1999 | 136.50 | 126.75 |
| 2000 | 145.60 | 133.91 |
| 2001 | 144.80 | 141.61 |
| 2002 | 147.90 | 140.73 |
| 2003 | 149.80 | 151.60 |
| 2004 | 154.40 | 149.61 |
| 2005 | 183.60 | 167.97 |
| 2006 | 221.30 | 197.10 |
| 2007 | | 212.88 |
| 2008 | | 234.22 |
| 2009 | | 225.32 |
| 2010 | | 229.17 |
| 2011 | | 245.95 |
| 2012 | | 256.94 |
| 2013 | | |
| 2014 | | |
| 2015 | | |



1987 Base Year = 100 FHWA Index includes projects > \$500,000 Mn/DOT Index includes projects > \$100,000

MN/DOT COST INDEX

| | Roadway | Bituminous | Concrete | Surfacing | Reinforce. | Structural | Structural | Structures | Composite |
|-------------------------|----------------|------------------|-----------|-----------------|------------------|------------|------------------|------------------|------------------|
| <u>Year</u> | Excavation | <u>Surfacing</u> | Surfacing | Index | Steel | Steel | Concrete | <u>Index</u> | <u>Index</u> |
| <u>1987</u> | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| <u>1988</u> | | | | | | | | | |
| 1st Quarter | 66.35 | 92.87 | 76.99 | 89.60 | 108.25 | 113.11 | 91.18 | 98.44 | 88.98 |
| 2nd Quarter | 111.84 | 96.02 | 107.04 | 98.29 | 107.22 | 103.87 | 95.60 | 99.37 | 100.58 |
| 3rd Quarter | 87.81 | 94.14 | 104.76 | 96.33 | 110.27 | 110.57 | 110.45 | 110.43 | 99.46 |
| 4th Quarter | 89.72 | 103.63 | | 103.63 | 115.44 | 107.04 | 94.37 | 100.80 | 100.39 |
| Year End | 84.08 | 95.68 | 85.55 | 93.59 | 109.73 | 109.34 | 97.90 | 102.26 | 94.90 |
| <u>1989</u> | | | | | | | | | |
| 1st Quarter | 121.34 | 88.57 | 92.72 | 89.42 | 120.87 | 141.72 | 101.41 | 112.36 | 101.11 |
| 137.56 | 70.45 | 90.06 | 87.63 | 89.56 | 108.73 | 102.24 | 98.24 | 101.04 | 90.35 |
| 3rd Quarter | 137.56 | 107.54 | 135.39 | 113.28 | 116.66 | 107.48 | 94.73 | 101.34 | 113.09 |
| 4th Quarter | | 91.13 | | 91.13 | 138.53 | 121.78 | 146.33 | 140.47 | 111.64 |
| Year End | 103.72 | 92.01 | 94.50 | 93.23 | 115.99 | 111.15 | 97.29 | 103.45 | 97.90 |
| <u>1990</u> | | | | | | | | | |
| 1st Quarter | 75.54 | 100.19 | 81.67 | 96.37 | 115.62 | 140.73 | 102.05 | 111.55 | 98.06 |
| 2nd Quarter | 67.71 | 96.79 | 104.57 | 98.39 | 122.11 | 105.43 | 110.57 | 111.97 | 98.17 |
| 3rd Quarter | 97.07 | 122.17 | 102.13 | 118.04 | 117.17 | 112.70 | 92.03 | 100.67 | 109.65 |
| 4th Quarter | 66.99 | 106.72 | 148.85 | 115.41 | 118.55 | 108.99 | 133.76 | 126.38 | 111.83 |
| Year End | 78.30 | 100.58 | 97.24 | 98.89 | 117.48 | 112.81 | 99.09 | 105.17 | 98.41 |
| <u>1991</u> | | | | | | | | | |
| 1st Quarter | 86.48 | 103.02 | 111.23 | 104.71 | 115.23 | 123.22 | 91.37 | 101.72 | 101.16 |
| 2nd Quarter | 67.72 | 96.75 | 105.58 | 98.57 | 110.99 | 128.81 | 103.22 | 109.27 | 97.43 |
| 3rd Quarter | 105.04 | | | | 122.95 | | 110.48 | 113.49 | 110.44 |
| 4th Quarter | 47.98 | 81.65 | 111.81 | 87.87 | 106.38 | 84.44 | 80.29 | 86.22 | 81.62 |
| Year End | 67.31 | 97.72 | 109.11 | 100.07 | 111.54 | 121.31 | 93.98 | 102.28 | 96.04 |
| <u>1992</u> | | | | | | | | | |
| 1st Quarter | 134.20 | 110.24 | 90.36 | 106.14 | 106.10 | 96.66 | 92.71 | 96.07 | 107.07 |
| 2nd Quarter | 84.69 | 95.94 | 103.65 | 97.53 | 119.25 | 109.95 | 112.93 | 113.67 | 100.67 |
| 3rd Quarter | 90.06 | 102.36 | 92.40 | 100.31 | 99.53 | 108.35 | 131.75 | 121.22 | 105.29 |
| 4th Quarter | 99.54 | 105.41 | | 105.41 | 105.69 | 91.58 | 116.35 | 109.83 | 106.01 |
| Year End | 90.60 | 99.05 | 97.07 | 98.64 | 106.37 | 105.54 | 112.38 | 109.98 | 100.98 |
| <u>1993</u> | | | | | | | | | |
| 1st Quarter | 81.02 | 104.73 | 87.06 | 101.08 | 118.06 | 139.75 | 102.08 | 111.88 | 101.53 |
| 2nd Quarter | 81.51 | 101.97 | 101.79 | 101.93 | 109.83 | 128.78 | 97.52 | 105.46 | 100.08 |
| 3rd Quarter | 70.07 | 117.01 | 04.40 | 117.01 | 97.06 | 440.50 | 65.66 | 73.25 | 100.83 |
| 4th Quarter | 73.97 | 94.47 | 84.12 | 92.33 | 119.80 | 112.58 | 104.90 | 109.22 | 94.91 |
| Year End | 80.75 | 101.91 | 96.30 | 100.75 | 108.13 | 127.30 | 90.07 | 100.21 | 97.70 |
| <u>1994</u> | 445.50 | 07.54 | 05.57 | 07.40 | 445.00 | 05.00 | 400.07 | 100.00 | 107.11 |
| 1st Quarter | 115.56 | 97.54 | 95.57 | 97.13 | 115.00 | 95.98 | 123.67 | 120.83 | 107.11 |
| 2nd Quarter | 75.92 | 102.90 | 104.22 | 103.17 | 114.87 | 444.00 | 109.55 | 110.84 | 101.09 |
| 3rd Quarter | 152.37 | 109.02 | 136.56 | 114.70 | 99.78 | 111.66 | 96.09 | 99.56 | 115.44 |
| 4th Quarter | 65.52 | 110.42 | 103.89 | 109.08 | 109.23 | 98.51 | 98.97 | 100.93 | 100.29 |
| Year End | 75.38 | 102.48 | 104.96 | 102.99 | 105.52 | 110.88 | 101.55 | 103.98 | 99.32 |
| 1995 | 05.00 | 05.50 | 445.74 | 00.70 | 400.70 | 400.07 | 444.00 | 447.00 | 400.40 |
| 1st Quarter | 85.69 | 95.53 | 115.74 | 99.70 | 120.72 | 122.37 | 114.68 | 117.23 | 103.10 |
| 2nd Quarter | 71.02 77.42 | 99.49 113.46 | 111.29 | 99.49 113.02 | 121.32 151.42 | 132.48 | 117.95 144.16 | 121.17 145.92 | 102.42 116.46 |
| 3rd Quarter | 92.70 | | 109.43 | 107.93 | | | | | 107.29 |
| 4th Quarter Year End | 92.70 | 107.55 99.81 | 113.94 | 102.73 | 121.52 121.47 | 126.02 | 111.82 116.53 | 114.16 119.32 | 104.63 |
| 1996 | | 99.01 | 113.94 | 102.73 | 121.47 | 126.83 | 110.55 | 119.32 | 104.03 |
| 1st Quarter | 83.05 | 92.20 | 123.35 | 98.62 | 118.80 | 178.06 | 100.96 | 118.05 | 102.38 |
| 2nd Quarter | 119.58 | 95.01 | 113.11 | 98.74 | 130.48 | 170.00 | 127.59 | 128.29 | 109.88 |
| 3rd Quarter | 124.27 | 131.87 | 150.79 | 135.77 | 120.96 | | 119.41 | 119.79 | 129.72 |
| 4th Quarter | 95.12 | 124.66 | 113.40 | 122.34 | 141.02 | | 144.36 | 143.55 | 123.72 |
| Year End | 97.01 | 97.12 | 117.89 | 101.40 | 120.85 | 178.06 | 106.59 | 121.98 | 107.13 |
| 1997 | 37.01 | 57.12 | 117.05 | 101.40 | 120.03 | 170.00 | 100.55 | 121.50 | 107.13 |
| 1st Quarter | 117.41 | 107.57 | 112.89 | 108.66 | 117.44 | 93.82 | 125.60 | 118.39 | 112.93 |
| 2nd Quarter | 96.00 | 107.53 | 153.26 | 116.96 | 129.60 | 107.48 | 117.89 | 118.40 | 114.38 |
| 3rd Quarter | 122.35 | 130.99 | 100.20 | 130.99 | 124.92 | 119.62 | 116.28 | 118.59 | 125.27 |
| 4th Quarter | 127.75 | 134.59 | 0.00 | 134.59 | 12-1.02 | 110.02 | 110.20 | 110.00 | 132.88 |
| Year End | 108.51 | 109.84 | 125.63 | 113.10 | 122.08 | 99.44 | 122.32 | 118.25 | 114.03 |
| 1998 | | | 120.00 | | .22.00 | 00 | | | |
| 1st Quarter | 100.29 | 124.56 | 135.20 | 126.75 | 130.86 | | 125.58 | 126.86 | 122.75 |
| 2nd Quarter | 104.63 | 122.21 | 133.04 | 124.44 | 123.71 | | 118.20 | 119.53 | 120.10 |
| 3rd Quarter | 135.95 | 150.01 | 129.84 | 145.85 | 133.21 | | 126.04 | 127.51 | 139.40 |
| 4th Quarter | | 155.16 | | 155.16 | 122.66 | 146.08 | 110.58 | 119.22 | 140.22 |
| Year End | 106.99 | 124.06 | 132.22 | 125.95 | 127.70 | 146.08 | 121.58 | 127.10 | 123.58 |
| 1999 | | | | | | | | | |
| 1st Quarter | 90.59 | 130.95 | 210.30 | 147.31 | 133.64 | | 126.39 | 128.14 | 133.51 |
| 2nd Quarter | 92.34 | 137.50 | 139.09 | 137.83 | 121.34 | | 121.92 | 121.78 | 126.58 |
| 3rd Quarter | 85.22 | 135.66 | 100.00 | 135.66 | 125.58 | 168.87 | 121.78 | 130.81 | 125.78 |
| 4th Quarter | 182.25 | 143.08 | 202.56 | 155.34 | 132.10 | 107.12 | 183.75 | 160.00 | 160.66 |
| Year End | 95.07 | 135.87 | 142.46 | 137.23 | 124.73 | 114.64 | 124.72 | 122.95 | 126.75 |
| 2000 | 30.01 | . 30.07 | 210 | .57.25 | .24.75 | 1.0-7 | | 00 | 0., 0 |
| 1st Quarter | 96.35 | 141.29 | 153.08 | 143.73 | 142.36 | 151.96 | 125.61 | 133.57 | 133.77 |
| 2nd Quarter | 111.93 | 138.88 | 158.17 | 142.86 | 137.49 | 136.03 | 120.21 | 126.43 | 133.33 |
| 3rd Quarter | 102.18 | 128.03 | | 128.03 | 137.29 | . 20.00 | 140.48 | 139.71 | 127.13 |
| 4th Quarter | 115.61 | 136.47 | 170.73 | 143.53 | 149.27 | | 185.41 | 176.66 | 148.21 |
| Year End | 105.38 | 138.87 | 157.19 | 142.65 | 139.49 | 137.59 | 127.59 | 131.71 | 133.91 |
| | | | | | | | | | |

MN/DOT COST INDEX (CONTINUED)

| <u>Year</u> | Roadway Excavation | Bituminous Surfacing | Concrete Surfacing | Surfacing Index | Reinforce. Steel | Structural Steel | Structural Concrete | Structures Index | Composite Index |
|----------------------------|-----------------------|-------------------------|-----------------------|--------------------|---------------------|---------------------|------------------------|---------------------|--------------------|
| <u>2001</u> | | | | | | | | | |
| 1st Quarter | 91.27 | 131.58 | 133.42 | 131.96 | 166.65 | | 196.86 | 189.55 | 141.28 |
| 2nd Quarter | 116.05 | 135.28 | 149.20 | 138.15 | 135.53 | 219.62 | 144.03 | 155.60 | 140.36 |
| 3rd Quarter | 109.17 | 130.04 | 154.51 | 135.09 | 140.67 | 166.76 | 138.68 | 144.01 | 134.11 |
| 4th Quarter | 157.83 | 160.90 | 185.56 | 165.98 | 149.31 | 86.82 | 158.62 | 144.16 | 158.06 |
| Year End | 123.17 | 137.25 | 153.92 | 140.69 | 142.53 | 171.70 | 149.25 | 151.85 | 141.61 |
| <u>2002</u> | | | | =0 | | | | | |
| 1st Quarter | 123.44 | 147.14 | 119.78 | 141.50 | 151.68 | 143.03 | 120.19 | 130.48 | 135.49 |
| 2nd Quarter | 148.48 | 149.69 | 140.07 | 147.71 132.77 | 150.31 | 165.23 | 85.03 | 112.13 | 136.82 132.77 |
| 3rd Quarter 4th Quarter | 95.26 | 132.77 157.12 | 161.93 | 158.12 | 167.64 | 154.74 | 158.85 | 159.88 | 149.61 |
| Year End | 115.64 | 150.27 | 142.16 | 148.60 | 159.74 | 157.32 | 126.43 | 138.49 | 140.73 |
| 2003 | 113.04 | 150.27 | 142.10 | 140.00 | 100.74 | 107.02 | 120.43 | 130.43 | 140.73 |
| 1st Quarter | 119.16 | 168.38 | 149.65 | 164.51 | 165.32 | 124.83 | 149.85 | 148.55 | 153.05 |
| 2nd Quarter | 149.11 | 166.29 | 171.88 | 167.44 | 168.38 | 109.25 | 130.53 | 134.34 | 154.57 |
| 3rd Quarter | 126.34 | 162.12 | 190.96 | 168.07 | 166.04 | | 161.37 | 162.50 | 160.21 |
| 4th Quarter | 142.18 | 144.11 | | 144.11 | 162.08 | 139.53 | 213.05 | 189.98 | 159.77 |
| Year End | 129.12 | 163.83 | 156.17 | 162.25 | 166.37 | 116.91 | 143.23 | 143.23 | 151.60 |
| 2004 | | | | | | | | | |
| 1st Quarter | 89.34 | 157.99 | 145.67 | 155.45 | 184.40 | 166.06 | 166.16 | 169.78 | 150.36 |
| 2nd Quarter | 101.93 | 156.99 | 153.21 | 156.21 | 193.40 | | 135.92 | 149.83 | 146.23 |
| 3rd Quarter | 156.87 | 173.66 | 220.06 | 183.23 | 231.70 | 126.15 | 253.80 | 226.99 | 192.95 |
| 4th Quarter | 171.37 | 153.88 | 126.70 | 148.28 | 175.45 | 195.43 | 146.69 | 160.98 | 155.53 |
| Year End | 103.48 | 159.35 | 141.15 | 155.60 | 191.19 | 162.96 | 150.02 | 160.50 | 149.61 |
| <u>2005</u> | 04.05 | 450.05 | 004.00 | 470.40 | 000 70 | 004.07 | 470.00 | 004.04 | 100.57 |
| 1st Quarter | 91.95 | 159.35 | 221.30 | 172.12 | 206.72 | 281.37 | 176.99 | 201.24 | 169.57 |
| 2nd Quarter | 152.75 | 163.52 | 230.40 | 177.31 | 206.89 | 201.87 | 159.27 | 176.24 | 173.44 |
| 3rd Quarter 4th Quarter | 135.85 | 214.40 | 173.97 | 206.06 | 195.34 | 199.90 | 158.17 192.75 | 172.91 199.22 | 185.71 |
| Year End | 131.93 130.43 | 211.41 169.66 | 193.55 | 211.41 172.53 | 219.49 202.26 | 201.13 | 162.78 | 177.39 | 193.94 167.97 |
| 2006 | 130.43 | 109.00 | 183.55 | 172.55 | 202.20 | 201.13 | 102.76 | 177.39 | 107.97 |
| 1st Quarter | 179.64 | 216.37 | 168.40 | 206.48 | 209.17 | 167.23 | 196.99 | 194.19 | 198.82 |
| 2nd Quarter | 137.70 | 241.00 | 191.38 | 230.77 | 192.81 | 194.21 | 184.52 | 187.87 | 204.11 |
| 3rd Quarter | 137.17 | 217.53 | * | ** | 257.26 | * | 230.67 | ** | ** |
| 4th Quarter | 95.01 | 228.13 | * | ** | 247.81 | * | 212.00 | ** | ** |
| Year End | 127.80 | 228.04 | 173.91 | 216.88 | 205.99 | 183.53 | 193.74 | 194.39 | 197.10 |
| 2007 | | | | | | | | | |
| 1st Quarter | 190.17 | 255.61 | 222.49 | 248.78 | 236.81 | 283.08 | 202.21 | 223.31 | 232.47 |
| 2nd Quarter | 114.76 | 224.06 | 155.14 | 209.85 | 221.84 | 187.19 | 214.66 | 211.27 | 196.60 |
| 3rd Quarter | * /** | 213.40 | * | ** | * | * | * | ** | ** |
| 4th Quarter | 117.03 | 209.36 | | ** | * | * | | | |
| Year End | 147.02 | 232.91 | 198.59 | 225.84 | 233.69 | 262.24 | 204.79 | 220.64 | 212.88 |
| 2008 | 142.42 | 225.22 | 264.00 | 264.24 | 400.40 | * | 100.70 | ** | ** |
| 1st Quarter 2nd Quarter | 143.43 134.37 | 235.23 278.48 | 361.90 170.51 | 261.34 256.22 | 409.19 286.47 | 267.39 | 189.70 199.61 | 228.83 | 230.20 |
| 3rd Quarter | * /** | 314.60 | * | 250.22 | 295.44 | 215.32 | 196.42 | 219.48 | 230.20 |
| 4th Quarter | 217.71 | 350.82 | * | ** | 242.71 | * | 187.20 | ±10.40 ** | ** |
| Year End | 136.85 | 282.00 | 175.62 | 260.06 | 349.63 | 239.92 | 195.24 | 233.87 | 234.22 |
| 2009 | | | | | | | | | |
| 1st Quarter | 130.35 | 267.53 | 179.27 | 249.34 | 212.65 | 703.64 | 212.26 | 298.60 | 247.42 |
| 2nd Quarter | 205.07 | 254.33 | 210.92 | 245.38 | 220.70 | 249.11 | 218.60 | 224.37 | 233.08 |
| 3rd Quarter | * /** | 293.20 | * | ** | * | * | * | ** | ** |
| 4th Quarter | 255.96 | 266.65 | 174.42 | 247.63 | 202.59 | * | 211.65 | ** | ** |
| Year End | 147.46 | 265.08 | 184.33 | 248.43 | 213.94 | 252.12 | 214.03 | 220.70 | 225.32 |
| <u>2010</u> | 440.04 | 007.04 | 455.00 | 000.47 | 045.40 | 474.00 | 040.00 | 000.40 | 007.05 |
| 1st Quarter | 118.81 | 297.94 | 155.03 | 268.47 | 215.46 | 171.69 | 212.82 | 206.13 | 227.65 |
| 2nd Quarter 3rd Quarter | 207.89 266.22 | 271.58 268.87 | 181.95 | 253.10 | 226.17 | 253.31 | 208.48 | 219.88 | 236.32 |
| 4th Quarter | 263.08 | 260.16 | 186.16 | 244.90 | 222.91 | 197.32 | 245.20 | 232.35 | 243.64 |
| Year End | 151.35 | 277.15 | 167.66 | 254.58 | 222.32 | 197.81 | 226.24 | 220.47 | 229.17 |
| 2011 | 101.00 | 277.10 | 107.00 | 204.00 | 222.02 | 137.01 | 220.24 | 220.47 | 223.17 |
| 1st Quarter | 282.29 | 277.18 | 138.12 | 248.51 | 267.60 | * | 233.93 | ** | ** |
| 2nd Quarter | 187.26 | 289.19 | 147.37 | 259.95 | 249.70 | 216.82 | 236.44 | 235.64 | 241.97 |
| 3rd Quarter | 206.87 | 306.20 | 130.31 | 269.94 | * | * | * | ** | ** |
| 4th Quarter | 290.62 | 311.17 | 161.76 | 280.36 | 253.69 | * | 261.73 | ** | ** |
| Year End | 212.74 | 289.32 | 145.22 | 259.61 | 254.49 | 216.82 | 237.48 | 237.25 | 245.95 |
| <u>2012</u> | | | | | | | | | |
| 1st Quarter | 168.12 | 330.92 | 164.11 | 296.53 | 282.92 | * | 274.47 | ** | ** |
| 2nd Quarter | 251.04 | 318.01 | 191.58 | 291.94 | 267.40 | * | 218.35 | ** | ** |
| 3rd Quarter | 220.88 | 351.69 | 154.88 | 311.11 | 228.22 | * | * | ** | ** |
| 4th Quarter | 206.53 | 308.84 | 260.42 | 298.86 | 260.22 | 221.19 | 193.13 | 211.43 | 258.54 |
| Year End | 207.23 | 322.38 | 182.48 | 293.54 | 261.73 | 221.19 | 201.04 | 216.68 | 257.36 |
| 2013 | 400.74 | 200.00 | 044.54 | 004.70 | 007.57 | | 000.40 | ** | ** |
| 1st Quarter | 192.74 | 299.93 | 211.51 | 281.70 | 237.57 | * | 236.42 | ** | ** |
| 2nd Quarter 3rd Quarter | 185.76 | 337.29 | 208.92 | 310.83 | 259.80 | * | 294.45 | ** | ** |
| 4th Quarter | 304.08 | 329.32 | 181.06 | 298.75 | 284.22 | * | 304.71 | ** | ** |
| Year End | 201.96 | 320.88 | 197.83 | 295.51 | 277.52 | * | 285.73 | ** | ** |
| . 50. =110 | 201.50 | 020.00 | 107.00 | 200.01 | 211.02 | | 200.70 | | |

^{*} No information available
**Not computed due to the absence of data for indicator item(s).