

## Memo

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- To: Addressees
- From: Nancy Sannes Estimates Engineer
- Subject: Cost Index 2007 First Quarter

The Cost Index for the First Quarter of 2007 is 232.47. This is a 16.9% increase over the First Quarter of 2006.

- The average Excavation cost was \$3.81/CY, up \$0.21/CY from the first quarter of 2006. Nine projects were considered this quarter.
- The Reinforcing Steel cost was \$1.04/lb, up \$0.12/lb from the first quarter of 2006. Seven projects were considered this quarter.
- The Structural Steel cost was \$2.01/lb, up \$0.82/lb from the first quarter of 2006. One project was considered this quarter. This price seems to have been the result of an unbalanced bid.
- The Structural Concrete cost was \$420.81/CY, up \$10.88/CY from the first quarter of 2006. Five projects were considered this quarter.
- The Concrete Pavement cost was \$124.04/CY, up \$30.15/CY from the first quarter of 2006. Four projects were considered this quarter.
- The average Plant Mixed Bituminous cost was \$44.17/ton, up \$6.78/ton from the first quarter of 2006. Eighteen projects were considered this quarter.

The Cost Index this quarter is heavily influenced by SP 2782-281 (Cross town Project). The cost of this multi year project included a significant amount of inflation. This particular project decreased the average excavation unit price, but increased the average unit price for Plant Mixed Bituminous and Structural Steel. The estimated Composite Index without SP 2782-281(Cross town Project) is 224.03. This is still a 12.7% increase over the First Quarter of 2006. It seems that projects let early in the year were bid with a significant amount of cost related to anticipated material and labor escalation. Bituminous Prices started the year high, but seemed to have decreased somewhat throughout the first quarter. Projects with excess bituminous millings seem to have faired best, with significant credits for both oil and aggregate. First quarter, 2007 project information is compared to first quarter 2006 below. The first quarter information is based on \$172.17 million of work considered from 22 projects.

Indicator	Costs
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	First	Quarter	2006	First Quarter 2007 <sup>1</sup>			
Item	Quantity	Cost *	Unit Cost	Quantity	Cost *	Unit Cost	
Excavation	1,355,676 CY	\$4.88	\$3.60/CY	3,301,495 CY	\$12.59	3.81/CY	
Reinforcing Steel	2,909,320 lb	\$2.67	\$0.92/lb	19,521,048 lb	\$20.26	1.04/lb	
Structural Steel	903,620 lb	\$1.07	<b>\$1.19/lb</b>	6,050,796 lb	\$12.17	2.01/lb	
Structural Concrete	22,756 CY	\$9.33	\$409.93/CY	164,518 CY	\$69.23	420.81/CY	
Concrete Pavement	90,239 CY	\$8.47	\$93.89/CY	173,768 CY	\$21.55	124.04/CY	
Plant-Mixed Bituminous	1,205,011 ton	\$45.05	\$37.39/ton	823,576 ton	\$36.37	44.17/ton	
Total		\$71.47			\$172.17		

\* millions of dollars

<sup>1</sup> Includes information from SP 2782-281 – Cross town Project

First quarter, 2007 project information is compared to first quarter 2006 below.

	2006 Q1	<b>2007</b> $Q1^{I}$
Number of Projects Awarded	55	55
Awarded Amount (\$ million)	\$145.49	\$408.57
Total Number of Bidders	226	245
Average Number of Bidders	4.1	4.5
Number of Cost Index Projects	25	22
Cost Index Amount (\$ million)	\$71.47	\$172.17
Excavation Index	179.64	190.17
Structures Index	194.19	223.21
Surfacing Index	206.48	248.78
Composite Cost Index (CI)	198.82	232.47

### **Minnesota Highway Construction Project Summary**

<sup>1</sup> Includes information from SP 2782-281 – Cross town Project - \$288.31 million

The average number of bidders per project was 4.5 for the first quarter of 2007. In comparison, the average number of first quarter bidders in 2006 and 2005 were 4.1 and 4.5 respectively

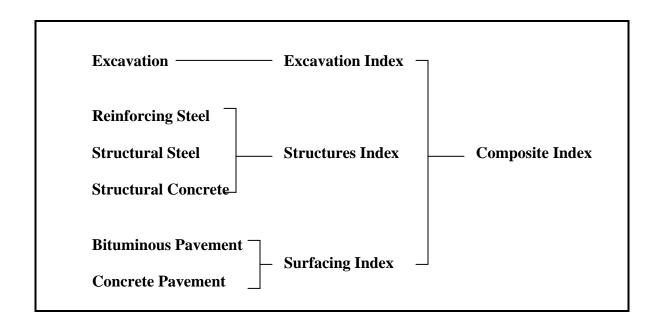
Attached is an explanation of the derivation of the Minnesota Cost index, charts of quarterly and annual Minnesota highway construction cost trends and a table and chart comparing the yearly Minnesota Composite Cost Index with the latest yearly FHWA Index.

cc: File

# **Minnesota Construction Cost Index**

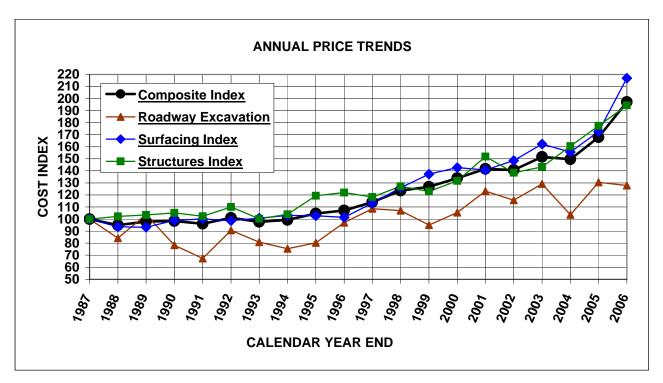
The Minnesota Construction Cost Index is an indicator of price trends for highway construction.

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.

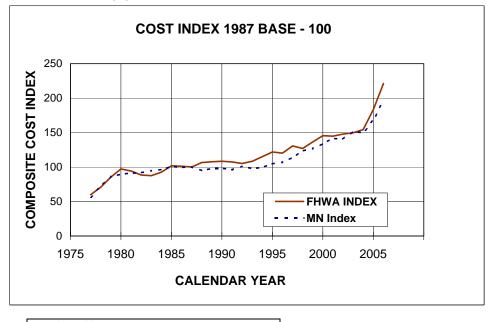


### **Minnesota Highway Construction Cost Trends**



#### 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		
2008		
2009		
2010		



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

## PRICE TRENDS FOR FEDERAL-AID HIGHWAY CONSTRUCTION

1987 Base

•		Comn excava		Surfacing			. •	Structures								
Ye	ar			Portland conc		Bitumi concr			Reinforci	ng steel	Structur	ral steel Structural concrete		Structural concrete		Com- posite
•	Average contract . price (cu. yd.)	contract price	Index	Average contract price (sq. yd.)	Index	Average contract price (ton)	Index	Surfacing index	Average contract price (lb.)	index	Average contract price (lb.)	Index	Average contract price (cu. yd.)	Index	Structures index	index
1972		.72	29.7	6.42	43.6	9.23	37.5	39.5	.181	41.1	.342	38.6	100.17	41.6	40.7	38.0
		.80 1.00	33.0 41.2	7.00 8.88	47.5 60.3	10.02 14.74	40.7 59.8	42.9 60.0	.207	47.0	.372 .551	42.0 62.3	111.81 136.80	46.4 56.8	45.4 61.7	42.: 57.9
		1.03	42.5	8.88	60.3	15.13	61.4	61.0	.297	67.4	.554	62.6	138.76	57.6	60.6	58.
		1.03	42.5	8.92	60.6	14.83	60.2	60.3	258	58.5	.484	54.7	139.59	58.0	57.2	56.
		1.16	47.8	9.95	67.5	15.47	62.8	64.3	.272	61.7	.520	58.8	143.51	59.6	59.7	59.
	•••••	1.54	63.5	11.90	80.8	17.16	69.6	73.3	.316	71.7	.603	68.1	172.41	71.6	70.7	70.1
		1.62 1.83	66.8 75.5	14.02 14.92	95.2 101.3	21.21 25.29	86.1 102.6	89.0 102.2	.421 .483	95.5 109.6	.759 .941	85.8 106.3	211.33 226.68	87.8 94.1	88.6 100.0	85.: 97.:
1981		1.76	72.6	14.17	96.2	25.63	104.0	101.4	.438	99.4	.790	89.3	231.64	96.2	94.9	94,2
		1.59	65.6	13.03	88.5	24.33	98.7	95.3	.407	92.4	.762	86.1	219.63	91.2	90.0	88.:
	••••••	1.74	71.8	12.69	86.1	24.27	98.5	94.4	.398	90.3	.708	80.0	213.85	88.8	86.7	87.0
1984 1985		1.90 · 2.24	78.4 92.4	13.64 14.31	92.6 97.1	26.52 28.52	107.6 115.7	102.7 109.6	.409 .444	92.8 100.7	.709 .796	80.1 · 89.9	218.02 243.60	90.5 101.2	88.2 98.1	92.0 102.0
1986	•	2.28	94.0	15.63	106.1	26.48	107.4	107.0	.442	100.3	.850	96.0	236.37	98.2	98.0	101.
		2.42	100.0	14.80	100.0	24.65	100.0	100.0	.441	100.0	.885	100.0	240.81	100.0	100.0	100.0
		2.72	112.2	14.33	97.3	24.91	101.1	99.8	.494	112.1	.924	104.4	274.12	113.8	111.0	106.0
	••••••	2.40 2.38	99.0 98.1	15.17 15.91	103.0 108.0	24.08 24.52	97.7 99.5	99.4 102.3	.556 .529	126.2 120.0	1.018 1.010	115.0 114.1	283.40 286.18	117.7 118.8	118.4 117.8	107.3
1991		2.32	95.5	16.58	112.5	25,52	103.6	106.5	.505	114.6	1.030	116.4	264.98	110.0	112.5	107.5
		2.20	90.8	17.80	120.8	24.66	100.1	106.9	.520	117.9	.916	103.5	259.61	107.8	108.4	105.1
		2.50	103.2	18.81	127.7	26.26	106.6	113.5	.467	106.0	.861	. 97.3	261.89	108.7	105.3	108.3
		2.75 2.73	113.2 112.8	20.88 22.07	141.7 149.8	27.80 28.87	112.8 117.1	122.3 127.9	.515 .542	116.8 122.9	.847 .922	95.7 104.2	271.94 302.66	112.9 125.7	109.0 119.5	115.] 121.9
1996		2.92	120.6	19.64	133.3	27.50	111.6	118.7	.581	121.5	1.068	120.7	293.85	122.0	121.6	120.2
1997		2.85	117.6	23.75	161.2	23.39	119.2	133.0	.567	128.7	1.186	134.0	320.90	133.2	132.7	130.0
		3.01 2.93	124.3 120.9	23.65	160.5	25.00	101.4	120.8	.544	123.4	1.111	125.5	337.25	140.0	133.4	126.9
		3.01	120.9	23.49 25.30	159.5 171.7	32.28 35.15	130.9 142.6	140.3 152.2	.554 .549	125.7 124.6	1.224 1.351	138.3 152.6	342.24 363.66	142.1 151.0	138.3 146.9	136.5 145.6
2001		3.05	125.9	28.21	191.5	34.93	141.7	158.1	.601	136.4	1.201	135.8	339.44	140.9	138.8	144.8
		2.94	121.2	25.86	175.5	34.14	138.5	150.7	.610	138.4	1.436	162.2	374.96	155.7	154.5	147.9
		3.45	142,3	23.95	162.6	32.54	132.0	142.1	.718	162.9	1.219	137.8	406.02	158.5	159.5	149.8
2004: First quart	er	2.97	122.4	25.78	174.9	33.61	136.4	149.0	.677	153.5	1.140	128.8	370.83	153.9	14 <b>7.2</b>	144.3
Second qu	arter	3.32		30.60	207.7	35.54		165.0	.786		2.455		402.69		198.2	
Third quar	rter	. 3.33	137.5	23.39	158.8	38.14		156.1	.828	187.9	1.135	128.2	253.35		125.4	
Fourth qua Annual	arter	3.58 3.29	147.6 135.7	29.69 26.97	201.6 183.1	40.60 36.97	164.7 149.9	176.8 160.8	.941 .815	213.4 184.8	1.419 1.521	160.4 171.9	365.14 331.49	151.6 137.6	164.5 154.7	166.9 154.4
2005:							•									
First quart	er	3.59	147.9	31.49	213.8	39.77	161.3	178.6	1.057	239,8	1.492	168.6	222.72	92.5	137.8	155,9
Second qu	arter	4.26		42.67	289.6	43.40	176.1	213.4	1.000	226.8	1.645	185.9	549.70	228.3	216.8	209.2
Fourth our	rter arter	4,99 3.69	205.9 152.3	31.58 34.25	214.4 232.5	54.09 54.36	219.4 220.5	217.8 224.5	.862 .827	195.6 187.6	1.717 1.485	193.9 167.8	507.98 512.35	210.9 212.7	203.8 196.6	209.9
		3.99	164.6	33,42	226.8	45.56	184.9	198.6	.941	213.6	1.465	177.5	394.88	163.9	176.0	
2006:																
	er	4.13	170.4	34.28	232.7	45.99	186.6	201.7	.795	180.4	1.520	171.8	397.21	164.9	169.4	182.8
Third over	arter	3.56 5.31	146.9 218.9	44.04 29.60	298.9 200.9	59.03 57.20	239.5 232.1	259.0 221.8	.874 .928	198.2 210.6	1.701 1.985	192.1 224.2	728.51 416.93	302.5 173.1	255.5 193.0	240.6 208.7
	arter	6.43	265.4	35.56	241.4	59.59	241.8	241.6	.928	218.0	1.985	193.3	628.72	261.1	235.8	242.6
		4.51	186.1	37.94	257.5	55.25	224.2	235.1	.872	197.9	1.736	196.1	574.80	238.7	220.5	221.3

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#### MN/DOT COST INDEX

Year	<u>Roadway</u> Excavation	<u>Bituminous</u> Surfacing	<u>Concrete</u> Surfacing	<u>Surfacing</u> Index	Reinforce. Steel	<u>Structural</u> Steel	<u>Structural</u> Concrete	<u>Structures</u> Index	<u>Composite</u> Index
1987	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1988		100100				100100		100100	
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
1989	04.00	55.00	00.00	55.55	105.70	100.04	57.50	102.20	54.50
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
	137.56	107.54	135.39	113.28		102.24	96.24		113.09
3rd Quarter	137.30	91.13	155.59	91.13	116.66 138.53	121.78	146.33	101.34	111.64
4th Quarter Year End	103.72	92.01	94.50	93.23	115.99		97.29	140.47	97.90
1990	103.72	92.01	94.00	93.23	115.99	111.15	51.25	103.45	97.90
1st Quarter	75.54	100 10	81.67	96.37	115 60	140.73	102.05	111 55	98.06
		100.19 96.79		98.39	115.62		102.05	111.55	98.00
2nd Quarter	67.71 97.07		104.57		122.11	105.43	110.57	111.97	
3rd Quarter		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>	00.40	400.00	444.00	404 74	445.00	400.00	04.07	404 70	404.40
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		117.01		117.01	97.06		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>									
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		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
<u>1995</u>									
1st Quarter	85.69	95.53	115.74	99.70	120.72	122.37	114.68	117.23	103.10
2nd Quarter	71.02	99.49		99.49	121.32	132.48	117.95	121.17	102.42
3rd Quarter	77.42	113.46	111.29	113.02	151.42		144.16	145.92	116.46
4th Quarter	92.70	107.55	109.43	107.93	121.52		111.82	114.16	107.29
Year End		99.81	113.94	102.73	121.47	126.83	116.53	119.32	104.63
<u>1996</u>									
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		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	123.91
Year End	97.01	97.12	117.89	101.40	120.85	178.06	106.59	121.98	107.13
1997									
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	100120	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
<u>1998</u>	100.01	103.04	120.00	110.10	122.00	53.77	122.02	110.20	117.00
1st Quarter	100.29	124.56	135.20	126.75	130.86		125.58	126.86	122.75
2nd Quarter	104.63	124.50	133.04	124.44	123.71		125.58	120.00	122.75
3rd Quarter	135.95		129.84		133.21		126.04	127.51	139.40
4th Quarter	100.90	150.01 155.16	129.04	145.85 155.16		146.08			140.22
Year End	106.99	155.16 124.06	132.22	155.16 125.95	122.66 127.70	146.08	110.58 121.58	119.22 127.10	123.58
	100.35	127.00	102.22	120.30	121.10	140.00	121.00	127.10	120.00

MN/DOT COST INDEX (CONTINUED)											
	<u>Roadway</u>	<b>Bituminous</b>	<b>Concrete</b>	Surfacing	Reinforce.	Structural	Structural	Structures	Composite		
Year	Excavation	Surfacing	Surfacing	Index	Steel	Steel	Concrete	Index	Index		
<u>1999</u>											
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		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		
<u>2000</u>			450.00				105.01		100		
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	470 70	128.03	137.29		140.48	139.71	127.13		
4th Quarter	115.61	136.47	170.73	143.53	149.27	407.50	185.41	176.66	148.21		
Year End <u>2001</u>	105.38	138.87	157.19	142.65	139.49	137.59	127.59	131.71	133.91		
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		
2002											
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	150.31	165.23	85.03	112.13	136.82		
3rd Quarter		132.77		132.77					132.77		
4th Quarter	95.26	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		
<u>2003</u>					105.00						
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		
<u>2004</u>											
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 <u>2005</u>	103.48	159.35	141.15	155.60	191.19	162.96	150.02	160.50	149.61		
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	135.85	214.40	173.97	206.06	195.34	199.90	158.17	172.91	185.71		
4th Quarter	131.93	211.41		211.41	219.49		192.75	199.22	193.94		
Year End	130.43	169.66	183.55	172.53	202.26	201.13	162.78	177.39	167.97		
<u>2006</u>											
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 <u>2007</u>	127.80	228.04	173.91	216.88	205.99	183.53	193.74	194.39	197.10		
1st Quarter	190.17	255.61	222.49	248.78	236.81	283.08	202.21	223.31	232.47		

\* No information available \*\*Not computed due to the absence of data for Structural Steel and Concrete Pavement