

CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

SUMMARY

PRICE INDEX FOR SELECTED HIGHWAY CONSTRUCTION ITEMS

SECOND QUARTER ENDING JUNE 30, 2008

<b>Index this quarter</b>	<b>250.8</b>
Point change from last quarter	+ 7.2
Percentage changes from last quarter	+ 3.0 %
<b>Index last 12 months</b>	
Point change from previous report	- 13.6
Percentage changes from previous report	- 5.5%

Average number of bidders this quarter	<b>6.2</b>
Change in number of bidders from last quarter	<b>- 2.2</b>

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

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CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**HIGHWAY CONSTRUCTION COST INDEX**  
2ND QUARTER ENDING JUNE 30, 2008

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 second quarter of 2008 stands at 250.8, up 7.2 points (3.0 percent) from the first quarter of 2008 index of 243.6. The Index for the year-to-date (July 1, 2007 through June 30, 2008) is 235.7, down 13.6 points (5.5 percent) from the first quarter 2008 year-to-date index of 249.3.

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

The average number of bidders per project in the second quarter of 2008 was 6.2, down 2.2 bidders per project as compared to 8.4 for the first quarter of 2008 and up 1.4 as compared to 4.8 for the corresponding quarter in 2007.

**Projects Bid Opened  
April 1, 2008 Through June 30, 2008**

RANGE			NUMBER OF PROJECTS	%	AMOUNTS OF PROJECTS	%
UP	TO	50,000	1	0.36	\$47,840	0.01
50,000	TO	100,000	14	4.98	\$1,199,927	0.15
100,000	TO	250,000	48	17.08	\$8,894,284	1.15
250,000	TO	500,000	54	19.22	\$20,673,196	2.67
500,000	TO	1,000,000	69	24.55	\$51,488,302	6.64
1,000,000	TO	2,500,000	47	16.72	\$71,177,068	9.18
2,500,000	TO	5,000,000	25	8.90	\$85,443,825	11.01
5,000,000	AND	ABOVE	23	8.19	\$536,720,503	69.19
<b>TOTAL</b>			<b>281</b>	<b>100.00</b>	<b>\$775,644,945</b>	<b>100.00</b>

The Engineering News-Record's Construction Cost Index average for the second quarter of 2008 is 758.4 up 4.5 points from 753.9 of the last quarter. Their price index uses a 1967=100 base.

The U. S. Bureau of Labor Statistics' Consumer Price Index average for the second quarter 2008 is 216.8, for U. S. City average of all Urban Consumers, up 4.7 point from 212.1 of the last quarter. Their Price Index uses a 1982-84=100 base.

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

Roadway Excavation: \$8.10 per cubic yard

The price decreased \$1.35 from the average unit price of \$9.45 per cubic yard last quarter. Unit bid prices ranged from \$0.08 to \$560.00 per cubic yard.

Aggregate Base: \$18.29 per ton

The price decreased \$0.10 from the average unit price of \$18.39 per ton last quarter. Unit bid prices ranged from \$13.16 to \$131.58 per ton.

Asphalt Concrete Pavement: \$85.02 per ton

The unit price increased \$6.46 from the average unit price of \$78.56 per ton last quarter. Unit prices ranged from \$67.81 to \$458.00 per ton.

Portland Cement Concrete (Pavement): \$200.07 per cubic yard

The unit price increased \$13.69 from the average unit price of \$186.38 per cubic yard last quarter. Unit prices ranged from \$187.32 to \$1500.00 per cubic yard.

Portland Cement Concrete (Structure): \$597.84 per cubic yard

The unit price increased \$15.13 from the average unit price of \$582.71 per cubic yard last quarter. Unit prices ranged \$152.91 to \$6000.00 per cubic yard.

Bar Reinforcing Steel: \$1.08 per pound

The unit price increased \$0.25 from the average unit price of \$0.83 per pound last quarter. Unit prices ranged from \$0.50 to \$12.00 per pound.

Structural Steel: \$4.92 per pound

The unit price decreased \$0.38 from the average unit price of \$5.30 per pound last quarter. Unit prices ranged from \$2.27 to \$40.00 per pound.

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

Roadway Excavation: \$10.59 per cubic meter

The price decreased \$1.77 from the average unit price of \$12.36 per cubic meter last quarter. Unit bid prices ranged from \$0.10 to \$732.45 per cubic meter.

Aggregate Base: \$20.16 per ton

The price decreased \$0.11 from the average unit price of \$20.27 per ton last quarter. Unit bid prices ranged from \$14.51 to \$145.04 per ton.

Asphalt Concrete Pavement: \$93.92 per ton

The unit price increased \$7.32 from the average unit price of \$86.60 per ton last quarter. Unit prices ranged from \$74.75 to \$504.86 per ton.

Portland Cement Concrete (Pavement): \$261.68 per cubic meter

The unit price increased \$17.90 from the average unit price of \$243.78 per cubic meter last quarter. Unit prices ranged from \$245.01 to \$1961.93 per cubic meter.

Portland Cement Concrete (Structure): \$781.95 per cubic meter

The unit price increased \$19.79 from the average unit price of \$762.16 per cubic meter last quarter. Unit prices ranged from \$200.00 to \$7847.71 per cubic meter.

Bar Reinforcing Steel: \$2.38 per kilogram

The unit price increased \$0.55 from the average unit price of \$1.83 per kilogram last quarter. Unit prices ranged from \$1.10 to \$26.46 per kilogram.

Structural Steel: \$10.85 per kilogram

The unit price decreased \$0.84 from the average unit price of \$11.69 per kilogram last quarter. Unit prices ranged from \$5.00 to \$88.18 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			119.0
1995			115.0
1996			119.2
1997			124.8
1998			128.6
1999			139.2
2000			146.2
2001			154.1
2002			142.2
2003 (1st Quarter)	188.2	143.2	
2003 (2nd Quarter)	158.1	155.6	
2003 (3rd Quarter)	190.7	158.3	
2003 (4th Quarter)	138.2		
2003 (Year)			148.6
2004 (1st Quarter)	278.9	155.0	
2004 (2nd Quarter)	213.1	165.7	
2004 (3rd Quarter)	224.8	167.1	
2004 (4th Quarter)	228.9		
2004 (Year)			216.2
2005 (1st Quarter)	230.2	214.7	
2005 (2nd Quarter)	266.8	230.0	
2005 (3rd Quarter)	289.3	240.7	
2005 (4th Quarter)	308.1		
2005 (Year)			268.3
2006 (1st Quarter)	252.8	243.0	
2006 (2nd Quarter)	386.6	265.4	
2006 (3rd Quarter)	380.3	276.1	
2006 (4th Quarter)	300.1		
2006 (Year)			280.6
2007 (1st Quarter)	363.9	335.3	
2007 (2nd Quarter)	401.4	341.2	
2007 (3rd Quarter)	262.2	309.9	
2007 (4th Quarter)	208.5		
2007 (Year)			261.1
2008 (1st Quarter)	243.6	249.3	
2008 (2nd Quarter)	250.8*	235.7**	

\* Revised from 251.5

\*\* Revised from 240.3

EXHIBIT B

ENGLISH UNITS  
CALIFORNIA DEPARTMENT OF TRANSPORTATION  
AVERAGE HIGHWAY  
CONTRACT PRICES

	<u>ROADWAY EXCAVATION " 1 "</u> <u>PER CU YD</u>	<u>AGGREGATE BASE</u> <u>PER TON</u>	<u>ASPHALT CONCRETE PAVEMENT</u> <u>PER TON</u>	<u>PCC PAVEMENT</u> <u>PER CU YD</u>	<u>CLASS "A" PCC STRUCTURE</u> <u>PER CU YD</u>	<u>BAR REINFORCING STEEL</u> <u>PER LB</u>	<u>STRUCTURAL STEEL " 2 "</u> <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
1st Quarter 2003	12.45	11.97	49.97	122.74	340.54	0.504	3.188
2nd Quarter 2003	4.80	13.26	47.24	76.24	460.14	0.734	4.048
3rd Quarter 2003	10.68	14.64	49.16	131.54	415.17	0.622	1.385
4th Quarter 2003	3.63	17.79	47.09	118.87	337.07	0.608	2.370
Year 2003	5.05	15.05	48.35	109.96	362.75	0.600	1.710
1st Quarter 2004	15.03	19.36	50.76	188.33	828.64	0.775	5.593
2nd Quarter 2004	13.76	16.67	52.44	125.02	339.54	1.063	4.048
3rd Quarter 2004	11.30	16.16	55.52	317.69	421.82	0.885	6.056
4th Quarter 2004	13.07	18.67	65.56	215.38	382.91	0.786	3.461
Year 2004	13.11	16.97	53.55	135.94	399.64	0.947	5.390
1st Quarter 2005	13.77	14.69	57.59	134.04	480.86	0.843	2.312
2nd Quarter 2005	13.86	22.92	73.42	208.28	555.67	0.941	5.048
3rd Quarter 2005	11.81	24.19	74.25	144.10	816.30	1.204	9.883
4th Quarter 2005	17.81	20.71	86.49	199.22	596.78	1.052	5.758
Year 2005	14.13	20.61	75.72	171.22	567.31	0.968	2.666
1st Quarter 2006	9.69	17.45	89.38	163.29	537.89	1.067	4.035
2nd Quarter 2006	26.07	23.21	88.78	324.86	751.93	0.962	3.031
3rd Quarter 2006	23.14	25.80	86.46	290.67	801.89	1.302	9.670
4th Quarter 2006	14.08	23.55	82.36	191.46	751.02	0.968	5.883
Year 2006	12.80	20.26	86.04	179.67	630.16	1.039	3.734
1st Quarter 2007	27.68	25.60	86.94	215.12	542.12	1.145	5.370
2nd Quarter 2007	29.61	27.30	91.46	223.54	742.32	0.974	7.696
3rd Quarter 2007	10.75	21.66	86.91	214.86	523.68	0.892	52.005
4th Quarter 2007	5.86	16.95	74.41	184.66	507.47	0.814	4.552
Year 2007	10.84	20.54	85.48	204.69	566.25	0.935	6.966
1st Quarter 2008	9.45	18.39	78.56	186.38	582.71	0.834	5.300
2nd Quarter 2008	8.10	18.29	85.02	200.07	597.84	1.076	4.923

1. UNCLASSIFIED  
2. BEGINNING 1<sup>ST</sup> QUARTER 2003, STRUCTURAL STEEL INCLUDES THE FURNISH AND ERECT STRUCTURAL STEEL (BRIDGE)

EXHIBIT B

METRIC UNITS  
CALIFORNIA DEPARTMENT OF TRANSPORTATION  
AVERAGE HIGHWAY  
CONTRACT PRICES

	<u>ROADWAY EXCAVATION " 1 "</u>	<u>AGGREGATE BASE</u>	<u>ASPHALT CONCRETE PAVEMENT</u>	<u>PCC PAVEMENT</u>	<u>CLASS "A" PCC STRUCTURE</u>	<u>BAR REINFORCING STEEL</u>	<u>STRUCTURAL STEEL " 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
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
1st Quarter 2003	16.29	13.19	55.08	160.54	445.40	1.111	7.028
2nd Quarter 2003	6.28	14.61	52.07	99.72	601.84	1.619	8.925
3rd Quarter 2003	13.97	16.14	54.19	172.05	543.03	1.371	3.053
4th Quarter 2003	4.75	19.61	51.91	155.47	440.87	1.340	5.224
Year 2003	6.60	16.59	53.30	143.82	474.45	1.313	3.769
1st Quarter 2004	19.66	21.34	55.96	246.32	1,083.82	1.710	12.330
2nd Quarter 2004	17.99	18.38	57.81	163.53	444.10	2.344	8.924
3rd Quarter 2004	14.78	17.81	61.20	415.52	551.71	1.951	13.351
4th Quarter 2004	17.10	20.58	72.26	281.71	500.82	1.733	7.629
Year 2004	17.15	18.70	59.03	177.81	522.71	2.087	11.883
1st Quarter 2005	18.01	16.19	63.48	175.32	628.93	1.859	5.096
2nd Quarter 2005	18.13	25.26	80.94	272.42	726.79	2.074	11.129
3rd Quarter 2005	15.45	26.66	81.84	188.47	1,067.69	2.653	21.788
4th Quarter 2005	23.29	22.83	95.33	260.57	780.55	2.319	12.693
Year 2005	18.48	22.72	83.47	223.94	742.02	2.134	5.878
1st Quarter 2006	12.68	19.23	98.53	213.57	703.53	2.353	8.896
2nd Quarter 2006	34.14	25.58	97.86	424.90	983.48	2.121	6.681
3rd Quarter 2006	30.27	28.44	95.31	380.18	1,048.83	2.870	21.319
4th Quarter 2006	18.42	25.96	90.78	250.42	982.29	2.134	12.971
Year 2006	16.75	22.34	94.84	235.00	824.21	2.291	8.231
1st Quarter 2007	36.20	28.22	95.84	281.37	709.07	2.524	11.839
2nd Quarter 2007	38.72	30.10	100.82	292.38	970.91	2.146	16.966
3rd Quarter 2007	14.06	23.87	95.81	281.02	684.95	1.966	114.651
4th Quarter 2007	7.66	18.68	82.02	241.53	663.75	1.794	10.036
Year 2007	14.18	22.64	94.23	267.73	740.62	2.062	15.358
1st Quarter 2008	12.36	20.27	86.60	243.78	762.15	1.838	11.685
2nd Quarter 2008	10.60	20.16	93.72	261.68	781.95	2.373	10.853

1. UNCLASSIFIED  
2. BEGINNING 1<sup>st</sup> QUARTER 2003, STRUCTURAL STEEL INCLUDES THE FURNISH AND ERECT STRUCTURAL STEEL (BRIDGE)



## Exhibit C

### CALIFORNIA DEPARTMENT OF TRANSPORTATION

#### NUMBER AND DOLLAR VALUE OF HIGHWAY PROJECTS TOTAL NUMBER OF BIDS AND AVERAGE NUMBER OF BIDDERS

APRIL 1, 2008 THRU JUNE 30, 2008

	RANGE 1	RANGE 2	RANGE 3	RANGE 4	RANGE 5	RANGE 6	RANGE 7	RANGE 8	ALL PROJECTS
	UP to \$50,000	\$50,000 to \$100,000	\$100,000 to \$250,000	\$250,000 to \$500,000	\$500,000 to \$1,000,000	\$1,000,000 to \$2,500,000	\$2,500,000 to \$5,000,000	\$5,000,000 and ABOVE	
<b><u>ROAD PROJECTS</u></b>									
Number of Projects	1	12	42	43	53	38	19	8	216
Total Value*	\$0	\$773,092	\$2,668,142	\$13,424,541	\$17,260,545	\$34,428,999	\$30,815,985	\$63,980,480	\$163,351,783
Number of Bidders	10	98	324	289	300	240	98	40	1,399
Average No of Bidders	10.0	8.2	7.7	6.7	5.7	6.3	5.2	5.0	6.5
<b><u>STRUCTURE PROJECTS</u></b>									
Number of Projects	0	2	6	11	16	9	4	4	52
Total Value*	\$0	\$187,440	\$1,150,362	\$4,459,606	\$11,406,757	\$14,565,013	\$13,836,529	\$44,884,153	\$90,489,859
Number of Bidders	0	11	28	48	73	52	33	21	266
Average No of Bidders	0	5.5	4.7	4.4	4.6	5.8	8.3	5.3	5.1
<b><u>COMBINATION PROJECTS</u></b>									
Number of Projects	0	0	0	0	0	0	2	11	13
Total Value*	\$0	\$0	\$0	\$0	\$0	\$0	\$7,645,616	\$418,310,691	\$425,956,306
Number of Bidders	0	0	0	0	0	0	10	71	81
Average No of Bidders	0	0	0	0	0	0	5.0	6.5	6.2
<b><u>SUMMARY</u></b>									
Number of Projects	1	14	48	54	69	47	25	23	281
Total Value*	\$47,840	\$1,199,927	\$8,894,284	\$20,673,196	\$51,488,302	\$71,177,068	\$85,443,825	\$536,720,503	\$775,644,945
Number of Bidders	10	109	352	337	373	292	141	132	1,746
Average No of Bidders	10.0	7.8	7.3	6.2	5.4	6.2	5.6	5.7	6.2

\*Bid Items Only

Average Number of Bidders By Month

<u>APR</u>	<u>MAY</u>	<u>JUN</u>
6.5	5.7	7.2