

**California
Department of Transportation**

Price Index for Selected Highway Construction Items

**SUMMARY
Fourth Quarter Ending December 31, 2009**

Index this quarter	204.6
Point change from last quarter	- 96.8
Percentage change from last quarter	- 32.1%
Index last 12 months	
Point change from previous report	- 29.7
Percentage change from previous report	- 11.9%

Average number of bidders this quarter	
	9.3
Change in number of bidders from last quarter	
	+ 1.1

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

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California Department of Transportation

Highway Construction Cost Index

4th Quarter Ending December 31, 2009

Prepared by Division of Engineering Services - Office Engineer

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

The California Highway Construction Cost Index for the fourth quarter of 2009 stands at 204.6, down 96.8 points (32.1 percent) from the third quarter of 2009 index of 301.4. The Index for the year-to-date (January 1, 2009 through December 31, 2009) is 220.5, down 29.7 points (11.9 percent) from the third quarter of 2009 year-to-date index of 250.2.

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

The average number of bidders per project in the fourth quarter of 2009 is 9.3, up 1.1 bidders per project as compared to 8.2 in the third quarter of 2009 and up 1.0 as compared to 8.3 for the corresponding quarter of 2008.

The Engineering News-Record's Construction Cost Index average for the fourth quarter of 2009 is 8609.9, up 38.0 points or 0.44 % from 8571.9 of the last quarter. The price index uses a 1913 = 100 base.

The U. S. Bureau of Labor Statistics' Consumer Price Index average for the fourth quarter 2009 is 216.2, for U. S. City average of All Urban Consumers, up 0.5 points or 0.2 % from 215.7 of the last quarter. The price index uses a 1982-84 =100 base.

Projects Bid Opened

(July 1, 2009 through September 30, 2009)

Range (\$)			Number of Projects	%	Amounts of Projects (\$)	%
Up to 50,000			0	0.00	0	0.00
50,000	to	100,000	2	2.15	197,942	0.04
100,000	to	250,000	16	17.20	2,865,841	0.53
250,000	to	500,000	17	18.28	6,482,003	1.21
500,000	to	1,000,000	23	24.74	15,800,713	2.95
1,000,000	to	2,500,000	19	20.43	28,268,814	5.28
2,500,000	to	5,000,000	2	2.15	7,706,129	1.44
5,000,000 and above			14	15.05	474,150,003	88.55
Total			93	100.00	535,471,445	100.00

Construction Item Costs Based on English Units

Roadway Excavation: \$6.84 per cubic yard

The price decreased \$6.77 from the average unit price of \$13.61 per cubic yard last quarter. Unit bid prices ranged from \$0.10 to \$303.00 per cubic yard.

Aggregate Base: \$13.36 per ton

The price decreased \$1.54 from the average unit price of \$14.90 per ton last quarter. Unit bid prices ranged from \$10.06 to \$97.37 per ton.

Asphalt Concrete Pavement: \$84.87 per ton

The unit price decreased \$60.13 from the average unit price of \$145.00 per ton last quarter. Unit prices ranged from \$65.00 to \$330.00 per ton.

Portland Cement Concrete (Pavement): \$140.65 per cubic yard

The unit price increased \$26.28 from the average unit price of \$114.37 per cubic yard last quarter. Unit prices ranged from \$115.45 to \$290.53 per cubic yard.

Portland Cement Concrete (Structure): \$426.80 per cubic yard

The unit price decreased \$33.89 from the average unit price of \$460.69 per cubic yard last quarter. Unit prices ranged \$183.49 to \$2,500.00 per cubic yard.

Bar Reinforcing Steel: \$0.620 per pound

The unit price increased \$0.048 from the average unit price of \$0.572 per pound last quarter. Unit prices ranged from \$0.48 to \$10.00 per pound.

Structural Steel: \$5.448 per pound

The unit price increased \$2.679 from the average unit price of \$2.769 per pound last quarter. Unit prices ranged from \$2.27 to \$21.77 per pound.

Construction Item Costs Based on Metric Units

Roadway Excavation: \$8.95 per cubic meter

The price decreased \$8.85 from the average unit price of \$17.80 per cubic meter last quarter. Unit bid prices ranged from \$0.13 to \$396.31 per cubic meter.

Aggregate Base: \$14.73 per tonn

The price decreased \$1.69 from the average unit price of \$16.42 per tonn last quarter. Unit bid prices ranged from \$11.09 to \$107.33 per tonn.

Asphalt Concrete Pavement: \$93.56 per tonn

The unit price decreased \$66.28 from the average unit price of \$159.84 per tonn last quarter. Unit prices ranged from \$71.65 to \$363.76 per tonn.

Portland Cement Concrete (Pavement): \$183.96 per cubic meter

The unit price increased \$34.37 from the average unit price of \$149.59 per cubic meter last quarter. Unit prices ranged from \$151.00 to \$380.00 per cubic meter.

Portland Cement Concrete (Structure): \$558.23 per cubic meter

The unit price decreased \$44.33 from the average unit price of \$602.56 per cubic meter last quarter. Unit prices ranged \$240.00 to \$3,269.88 per cubic meter.

Bar Reinforcing Steel: \$1.366 per kilogram

The unit price increased \$0.105 from the average unit price of \$1.261 per kilogram last quarter. Unit prices ranged from \$1.05 to \$22.05 per kilogram.

Structural Steel: \$12.012 per kilogram

The unit price increased \$5.908 from the average unit price of \$6.104 per kilogram last quarter. Unit prices ranged from \$5.00 to \$48.00 per kilogram.

EXHIBIT A

Price Index for Selected
California Construction Items
1987 = 100

<u>YEAR</u>	<u>QTRLY</u>	<u>LAST 12 Months</u>	<u>Annual</u>
1972	.....	.....	30.0
1973	.....	.....	31.2
1974	.....	.....	45.6
1975	.....	.....	46.7
1976	.....	.....	47.7
1977	.....	.....	53.7
1978	.....	.....	62.1
1979	.....	.....	80.1
1980	.....	.....	82.1
1981	.....	.....	90.6
1982	.....	.....	81.3
1983	.....	.....	81.9
1984	.....	.....	93.3
1985	.....	.....	92.7
1986	.....	.....	95.0
1987	.....	.....	100.0
1988	.....	.....	104.4
1989	.....	.....	111.3
1990	.....	.....	113.5
1991	.....	.....	108.2
1992	.....	.....	106.8
1993	.....	.....	113.1
1994	.....	.....	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	.....	.....	148.6
2004	.....	.....	216.2
2005	.....	.....	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	
	(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	
	(Year)		261.1
2008	(1st Quarter)	243.6	249.3
2008	(2nd Quarter)	250.8	235.7
2008	(3rd Quarter)	318.4	241.1
2008	(4th Quarter)	226.9	
	(Year)		252.7
2009	(1st Quarter)	276.5	258.2
2009	(2nd Quarter)	195.3	253.3
2009	(3rd Quarter)	301.4	250.2
2009	(4th Quarter)	204.57	
	(Year)		220.5

EXHIBIT B

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

	Roadway Excavation "1" <u>Per Cu Yd</u>	Aggregate Base <u>Per Ton</u>	Asphalt Concrete Pavement <u>Per Ton</u>	PCC Pavement <u>Per Cu Yd</u>	Class "A" PCC Structure <u>Per Cu Yd</u>	Bar Reinforcing Steel <u>Per Lb</u>	Structural Steel "2" <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
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
3rd Quarter 2008	22.46	18.68	80.17	172.03	515.53	1.164	4.001
4th Quarter 2008	11.52	15.27	66.21	164.44	456.43	0.894	6.958
Year 2008	11.39	17.90	78.50	177.91	553.62	0.938	5.183
1st Quarter 2009	15.64	23.16	74.48	142.97	664.17	0.552	5.584
2nd Quarter 2009	7.59	14.55	61.38	145.41	479.45	0.664	8.532
3rd Quarter 2009	13.61	14.90	145.00	114.37	460.69	0.572	2.769
4th Quarter 2009	6.84	13.36	84.87	140.65	426.80	0.620	5.448
Year 2009	9.37	14.91	80.38	125.41	484.78	0.593	4.492

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 Excavation "1" <u>Per M3</u>	Aggregate Base <u>Per Tonn</u>	Asphalt Concrete Pavement <u>Per Tonn</u>	PCC Pavement <u>Per M3</u>	Class "A" PCC Structure <u>Per M3</u>	Bar Reinforcing Steel <u>Per Kg</u>	Structural Steel "2" <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
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	1048.83	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
3rd Quarter 2008	29.38	20.59	88.38	225.01	674.29	2.566	8.822
4th Quarter 2008	15.07	16.83	72.98	215.07	596.99	1.970	15.340
Year 2008	14.90	19.73	86.53	232.69	724.11	2.068	11.426
1st Quarter 2009	20.45	25.53	82.10	187.00	868.70	1.216	12.311
2nd Quarter 2009	9.93	16.04	67.66	190.19	627.10	1.464	18.811
3rd Quarter 2009	17.80	16.42	159.84	149.59	602.56	1.261	6.104
4th Quarter 2009	8.95	14.73	93.56	183.96	558.23	1.366	12.012
Year 2009	12.25	16.44	88.61	164.03	634.07	1.308	9.902

1. Unclassified.

2. Beginning 1st quarter 2003, structural steel includes the furnish and the 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
 (October 1, 2009 through December 31, 2009)

	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	
<u>Road Projects</u>									
Number of Projects	0	2	14	16	19	18	2	5	76
Total Value*	\$0	\$197,942	\$2,457,561	\$6,113,334	\$13,355,506	\$27,099,594	\$7,706,129	\$73,351,746	\$130,281,811
Number of Bidders	0	10	163	155	179	136	13	45	701
Average No of Bidders	0	5.0	11.6	9.7	9.4	7.6	6.5	9.0	9.2
<u>Structure Projects</u>									
Number of Projects	0	0	2	1	4	1	0	0	8
Total Value*	\$0	\$0	\$408,280	\$368,669	\$2,445,207	\$1,169,220	\$0	\$0	\$4,391,377
Number of Bidders	0	0	22	10	48	16	0	0	96
Average No of Bidders	0	0	11.0	10.0	12.0	16.0	0	0	12.0
<u>Combination Projects</u>									
Number of Projects	0	0	0	0	0	0	0	9	9
Total Value*	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,798,257	\$400,798,257
Number of Bidders	0	0	0	0	0	0	0	70	70
Average No of Bidders	0	0	0	0	0	0	0	7.8	7.8
<u>Summary</u>									
Number of Projects	0	2	16	17	23	19	2	14	93
Total Value*	\$0	\$197,942	\$2,865,841	\$6,482,003	\$15,800,713	\$28,268,814	\$7,706,129	\$474,150,003	\$535,471,445
Number of Bidders	0	10	185	165	227	152	13	115	867
Average No of Bidders	0	5.0	11.6	9.7	9.9	8.0	6.5	8.2	9.3

*Bid Items Only

Average Number of Bidders by Month

OCT	NOV	DEC
8.8	10.1	9.5