

**California
Department of Transportation**

Price Index for Selected Highway Construction Items

SUMMARY

First Quarter Ending March 31, 2010

Index this quarter	346.1
Point change from last quarter	+ 141.5
Percentage change from last quarter	+ 69.2%
Index last 12 months	
Point change from previous report	+ 17.8
Percentage change from previous report	+ 8.1%

Average number of bidders this quarter	
	8.9
Change in number of bidders from last quarter	
	- 0.4

- Notes:
1. All information shown in this publication was assembled using the 1987 base year.
 2. New price indices using the Fisher formula and base year 2007 will be presented for comparison with the current indices in the next publication (second quarter 2010).
 3. Beginning the third quarter 2010, only the new indices will be reported in the publication and historical information shown in the current publication will be converted accordingly.

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California Department of Transportation

Price Index for Selected Highway Construction Items
1st Quarter Ending March 31, 2010

Prepared by Division of Engineering Services - Office Engineer

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

The California Price Index for Selected Highway Construction Items for the first quarter of 2010 stands at 346.1, up 141.5 points (69.2 percent) from the fourth quarter of 2009 index of 204.6. The Index for the year-to-date (April 1, 2009 through March 31, 2010) is 238.3, up 17.8 points (8.1 percent) from the fourth quarter of 2009 year-to-date index of 220.5.

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

The average number of bidders per project in the first quarter of 2010 is 8.9, down 0.4 bidders per project as compared to 9.3 in the fourth quarter of 2009 and up 0.8 as compared to 8.1 in the corresponding quarter of 2009.

The Engineering News-Record's Construction Cost Index average for the first quarter of 2010 is 8667.6, up 57.8 points or 0.7 % from 8609.9 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 first quarter of 2010 is 217.0, for U. S. City average of All Urban Consumers, up 0.9 points or 0.4 % from 216.2 of the last quarter. The price index uses a 1982-84 =100 base.

Projects Bid Opened

(January 1, 2010 through March 31, 2010)

Range (\$)			Number of Projects	%	Amounts of Projects (\$)	%
Up to 50,000			0	0.00	0	0.00
50,000	to	100,000	4	2.35	314,217	0.08
100,000	to	250,000	40	23.53	7,390,904	1.80
250,000	to	500,000	48	28.24	17,529,227	4.26
500,000	to	1,000,000	33	19.41	23,186,881	5.63
1,000,000	to	2,500,000	29	17.06	42,645,000	10.36
2,500,000	to	5,000,000	9	5.29	32,591,563	7.92
5,000,000 and above			7	4.12	287,910,887	69.95
Total			170	100.00	\$411,568,677	100.00

Construction Item Costs Based on English Units

Roadway Excavation: \$26.70 per cubic yard

The price increased \$19.86 from the average unit price of \$6.84 per cubic yard last quarter. Unit bid prices ranged from \$10.00 to \$1000.00 per cubic yard.

Aggregate Base: \$21.79 per ton

The price increased \$8.43 from the average unit price of \$13.36 per ton last quarter. Unit bid prices ranged from \$14.74 to \$107.37 per ton.

Asphalt Concrete Pavement: \$85.51 per ton

The unit price increased \$0.64 from the average unit price of \$84.87 per ton last quarter. Unit prices ranged from \$50.00 to \$894.00 per ton.

Portland Cement Concrete (Pavement): \$116.22 per cubic yard

The unit price decreased \$24.43 from the average unit price of \$140.65 per cubic yard last quarter. Unit prices ranged from \$115.00 to \$264.00 per cubic yard.

Portland Cement Concrete (Structure): \$609.73 per cubic yard

The unit price increased \$182.93 from the average unit price of \$426.80 per cubic yard last quarter. Unit prices ranged \$230.00 to \$8,000.00 per cubic yard.

Bar Reinforcing Steel: \$0.775 per pound

The unit price increased \$0.155 from the average unit price of \$0.620 per pound last quarter. Unit prices ranged from \$0.60 to \$4.00 per pound.

Structural Steel: \$2.297 per pound

The unit price decreased \$3.151 from the average unit price of \$5.448 per pound last quarter. Unit prices ranged from \$0.91 to \$9.07 per pound.

Construction Item Costs Based on Metric Units

Roadway Excavation: \$34.92 per cubic meter

The price increased \$25.97 from the average unit price of \$8.95 per cubic meter last quarter. Unit bid prices ranged from \$13.08 to \$1307.95 per cubic meter.

Aggregate Base: \$24.02 per tonn

The price increased \$9.29 from the average unit price of \$14.73 per tonn last quarter. Unit bid prices ranged from \$16.24 to \$118.35 per tonn.

Asphalt Concrete Pavement: \$94.26 per tonn

The unit price increased \$0.70 from the average unit price of \$93.56 per tonn last quarter. Unit prices ranged from \$55.12 to \$985.47 per tonn.

Portland Cement Concrete (Pavement): \$152.01 per cubic meter

The unit price decreased \$31.95 from the average unit price of \$183.96 per cubic meter last quarter. Unit prices ranged from \$150.41 to \$345.30 per cubic meter.

Portland Cement Concrete (Structure): \$797.50 per cubic meter

The unit price increased \$239.27 from the average unit price of \$558.23 per cubic meter last quarter. Unit prices ranged \$300.83 to \$10,463.61 per cubic meter.

Bar Reinforcing Steel: \$1.708 per kilogram

The unit price increased \$0.342 from the average unit price of \$1.366 per kilogram last quarter. Unit prices ranged from \$1.32 to \$8.82 per kilogram.

Structural Steel: \$5.065 per kilogram

The unit price decreased \$6.947 from the average unit price of \$12.012 per kilogram last quarter. Unit prices ranged from \$2.00 to \$20.00 per kilogram.

EXHIBIT A

Price Index for Selected
Highway 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
2010	(1st Quarter)	346.1	238.3

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
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
1st Quarter 2010	26.70	21.79	85.51	116.22	609.73	0.775	2.297

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
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
1st Quarter 2010	34.92	24.02	94.26	152.01	797.50	1.708	5.065

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
(January 1, 2010 through March 31, 2010)

	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	4	29	35	25	21	9	2	125
Total Value*	\$0	\$314,217	\$5,249,370	\$12,840,652	\$18,009,038	\$31,722,519	\$32,591,563	\$15,713,571	\$116,440,930
Number of Bidders	0	35	274	335	213	163	64	22	1,106
Average No of Bidders	0	8.8	9.4	9.6	8.5	7.8	7.1	11.0	8.8
<u>Structure Projects</u>									
Number of Projects	0	0	11	13	8	7	0	2	41
Total Value*	\$0	\$0	\$2,141,534	\$4,688,574	\$5,177,843	\$9,559,135	\$0	\$40,248,039	\$61,815,125
Number of Bidders	0	0	91	137	61	58	0	24	371
Average No of Bidders	0	0	8.3	10.5	7.6	8.3	0	12.0	9.0
<u>Combination Projects</u>									
Number of Projects	0	0	0	0	0	1	0	3	4
Total Value*	\$0	\$0	\$0	\$0	\$0	\$1,363,346	\$0	\$231,949,276	\$233,312,622
Number of Bidders	0	0	0	0	0	8	0	28	36
Average No of Bidders	0	0	0	0	0	8.0	0	9.3	9.0
<u>Summary</u>									
Number of Projects	0	4	40	48	33	29	9	7	170
Total Value*	\$0	\$314,217	\$7,390,904	\$17,529,227	\$23,186,881	\$42,645,000	\$32,591,563	\$287,910,887	\$411,568,677
Number of Bidders	0	35	365	472	274	229	64	74	1,513
Average No of Bidders	0	8.8	9.1	9.8	8.3	7.9	7.1	10.6	8.9

*Bid Items Only

Average Number of Bidders by Month

JAN	FEB	MAR
10.6	9.2	7.9