

STATE OF COLORADO



DEPARTMENT OF TRANSPORTATION
Contracts and Market Analysis Branch
4201 East Arkansas Avenue, 4th Floor
Denver, Colorado 80222
(303) 757-9736

COLORADO CONSTRUCTION COST INDEX REPORT Calendar Year 2014 First Quarter

Prepared for
Scott McDaniel, Acting Chief Engineer

Prepared by
Shawn Yu, Manager
Engineering Estimates and Market Analysis Unit
Contracts and Market Analysis Branch

STATE OF COLORADO



DEPARTMENT OF TRANSPORTATION
Contracts and Market Analysis Branch
4201 East Arkansas Avenue, 4th Floor
Denver, Colorado 80222
(303) 757-9736

CCI REPORT SUMMARY

1st QUARTER ENDING March 31, 2014

Relative change from last quarter.....	25.81%
Cumulative change from calendar year 2012 Quarter 1.....	28.30%

Summary for all Design-Bid-Build projects awarded between 1/1/2014 and 3/31/2014

Project Amount	Number of Projects	Number of Bidders	Biddable Items Total Amount	Average Number of Bidders
\$0.00 to \$999,999.99	5	18	\$3,018,421.30	3.60
\$1,000,000.00 to \$4,999,999.99	19	64	\$49,210,870.59	3.37
\$5,000,000.00 to \$19,999,999.99	7	29	\$66,916,822.16	4.14
\$20,000,000.00 or Greater	0	0	\$0.00	0.00
Total	31	111	\$119,146,114.05	3.58

Average number of bidders per project decreased to 3.58 this quarter from 4.44 the previous quarter.
 Average cost per Design-Bid-Build project was \$3,843,423.03.

Colorado Construction Cost Index Tabulations

Year	Quarter	Earthwork		Hot Mix Asphalt		Concrete Pavement		Structural Concrete		Reinforcing Steel		Fisher Ideal Index	
		Price (\$)	Qty (CY)	Price (\$)	Qty (TON)	Price (\$)	Qty (SY)*	Price (\$)	Qty (CY)	Price (\$)	Qty (LB)	Relative	Cumulative
2011	Q1												0.8943
2011	Q2												0.9604
2011	Q3												1.0616
2011	Q4												0.9944
2012	Q1	9.32	295,331.00	83.52	611,829.00	29.47	459,695.83	433.44	7,636.00	0.88	1,956,874.00		1.0000
2012	Q2	10.61	367,636.10	82.65	328,357.21	31.18	264,194.31	472.96	5,910.00	0.97	833,101.00	1.0190	1.0190
2012	Q3	11.92	212,117.00	90.76	59,799.23	34.76	107,643.81	487.93	2,388.20	1.04	485,586.00	1.0995	1.1204
2012	Q4	9.49	246,805.00	102.24	146,197.04	n/a**	n/a**	527.68	1,772.00	0.94	310,307.00	1.0344	1.1590
2013	Q1	8.08	659,125.00	76.07	393,759.56	31.81	549,580.81	487.00	9,019.00	0.87	1,929,721.00	0.8044	0.9323
2013	Q2	12.75	316,498.00	84.37	501,946.32	52.18	60,482.78	427.09	6,857.00	0.91	1,048,761.00	1.2121	1.1300
2013	Q3	8.72	419,967.00	85.00	147,064.84	35.57	170,833.67	372.83	9,917.00	0.77	2,350,291.00	0.8947	1.0111
2013	Q4	10.00	75,520.00	80.78	198,528.45	42.64	92,749.00	309.40	1,752.00	0.85	486,791.00	1.0086	1.0197
2014	Q1	20.16	99,605.00	92.28	433,692.17	76.84	57,552.78	476.21	3,265.00	0.98	629,246.00	1.2581	1.2830

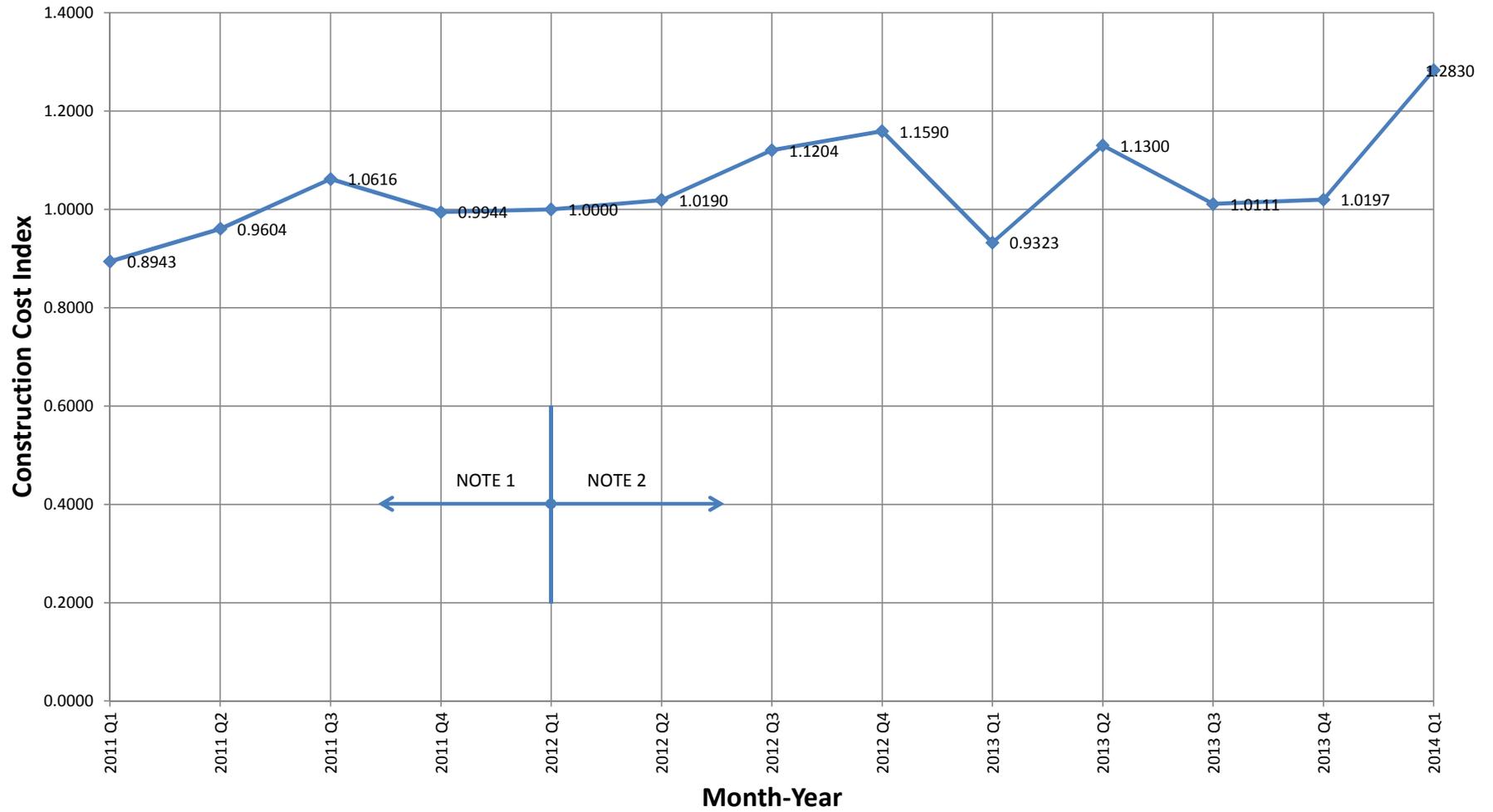
Weighted average prices and quantities are calculated after outliers (< 5% and > 95%) are removed in the preceding 7 years for a given quarter.

NOTE: Grayed out data (2011 Q1 through 2011 Q4) are calculated from previously published data with 1987 as base year, rebased to 2012 Q1 = 1.0000.

* Concrete Pavement is normalized to 9 inches thick.

** Assuming same price and quantity as previous quarter for index calculations, due to insufficient data of this sub group.

Colorado CCI - First Quarter (Ending March 31, 2014)



NOTE 1: Data between 2011 Q1 and 2011 Q4 are calculated from previously published data with 1987 as base year, rebased to 2012 Q1 = 1.0000.

NOTE 2: Data from 2012 Q1 and after are calculated using Fisher Ideal Index.

Comments:

The methodology for preparing the CCI is documented in a brief report attached to the '2012 CCI Q2' report at the following link <http://www.coloradodot.info/business/eema>, under the 'Construction Cost Index' heading and '2012 CCI Q2' report. For the current quarter, price changes for the five sub groups, as shown in the CCI tabulations, are listed as follows:

Earthwork (Excavation and Embankment):

The average price was \$20.16/CY which is up \$10.16/CY from the previous quarter.

Hot Mix Asphalt:

The average price was \$92.28/TON which is up \$11.50/TON from the previous quarter.

Concrete Pavement:

The average price was \$76.84/SY which is up \$34.20/SY from the previous quarter.

Structural Concrete:

The average price was \$476.21/CY which is up \$166.81/CY from the previous quarter.

Reinforcing Steel:

The average price was \$0.98/LB which is up \$0.13/LB from the previous quarter.

ADDITIONAL INFORMATION:

This quarter, all five sub groups, Earthwork, Hot Mix Asphalt, Concrete Pavement, Structural Concrete and Reinforcing Steel showed an increase in price.

This quarter, 31 Design-Bid-Build projects for a total of \$119,146,114.05 were bid and awarded. Of the 31 Design-Bid-Build projects bid and awarded this quarter, 18 projects were from the mountainous regions. The five categories for CCI items totaled \$48,622,992.59 which is 40.8% of total Design-Bid-Build awarded amount. By comparison, last quarter, 18 Design-Bid-Build projects were bid and awarded.

Projects Awarded this Quarter and Not Used in the CCI Calculations

Project Type	Number of Projects	Biddable Items Total Amount
Design-Build	0	\$0.00
Modified / Streamlined Design-Build	1	\$10,047,700.00
Construction Manager / General Contractor	2	\$49,917,286.50
Emergency	0	\$0.00
Sub Total	3	\$59,964,986.50