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COLORADO CONSTRUCTION COST INDEX REPORT Calendar Year 2016 Second Quarter

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CCI REPORT SUMMARY

2nd QUARTER ENDING June 30, 2016

Relative change from last quarter, quarterly data* Cumulative change from same quarter last year, quarterly data*	
Relative change from last quarter, rolling four-quarter data Cumulative change from same quarter last year, rolling four-quarter data	

^{*} Quarterly results, in this CCI Report, are provided for information and may vary significantly from quarter to quarter due to various factors including significant swings in the quantities of work represented. The rolling four-quarter results, in this CCI Report, are a more accurate reflection of the current CCI and market conditions.

Summary for all Design-Bid-Build projects awarded between 4/1/2016 and 6/30/2016

Project Amount	Number of Projects	Number of Bidders	Biddable Items Total Amount	Average Number of Bidders
\$0.00 to \$999,999.99	12	37	\$6,142,987.03	3.08
\$1,000,000.00 to \$4,999,999.99	10	29	\$19,388,988.97	2.90
\$5,000,000.00 to \$19,999,999.99	4	9	\$25,223,489.68	2.25
\$20,000,000.00 or Greater	0	0	\$0.00	0.00
Total	26	75	\$50,755,465.68	2.88

Average number of bidders per project decreased to 2.88 this quarter from 3.44 the previous quarter. Average cost per Design-Bid-Build project was \$1,952,133.30.

Colorado Construction Cost Index Tabulations: Quarterly Data

	Earthy	vork	Hot Mix	Asphalt	Concrete P	Concrete Pavement* Structural Concrete		Reinforcing Steel		Fisher Ideal Index		
Year Quarter	Price (\$/CY)	Qty (CY)	Price (\$/TON)	Qty (TON)	Price (\$/SY)	Qty (SY)	Price (\$/CY)	Qty (CY)	Price (\$/LB)	Qty (LB)	Relative	Cumulative
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
2014 Q2	12.88	610,731.00	88.13	548,253.70	34.34	302,520.17	517.01	8,249.90	0.90	1,468,195.00	0.8421	1.0804
2014 Q3	13.30	708,794.00	100.07	102,680.99	52.39	147,911.17	592.26	16,294.30	1.01	2,949,114.00	1.1740	1.2684
2014 Q4	10.73	695,288.00	113.42	141,154.23	46.12	156,635.11	549.86	6,657.10	1.03	948,029.00	0.9591	1.2166
2015 Q1	16.60	301,494.80	83.80	736,968.84	34.36	311,378.67	744.81	1,994.30	1.66	368,665.00	0.8798	1.0703
2015 Q2	15.12	167,066.00	94.22	311,989.59	46.36	219,498.00	577.73	1,119.00	1.64	205,245.00	1.1391	1.2193
2015 Q3	20.32	40,649.00	98.61	89,024.05	75.70	12,880.78	739.20	706.90	1.33	86,854.00	1.1536	1.4065
2015 Q4	12.16	309,414.10	81.21	66,957.40	47.46	128,174.06	598.73	3,702.00	1.42	366,651.00	0.7434	1.0456
2016 Q1	12.27	939,477.00	84.03	1,078,315.35	39.18	243,518.78	617.10	6,507.71	1.02	1,627,487.00	0.9767	1.0213
2016 Q2	31.34	14,104.00	110.17	118,434.28	104.99	1,936.89	1,028.57	126.00	2.79	12,189.00	1.4571	1.4881

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

^{*} 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.

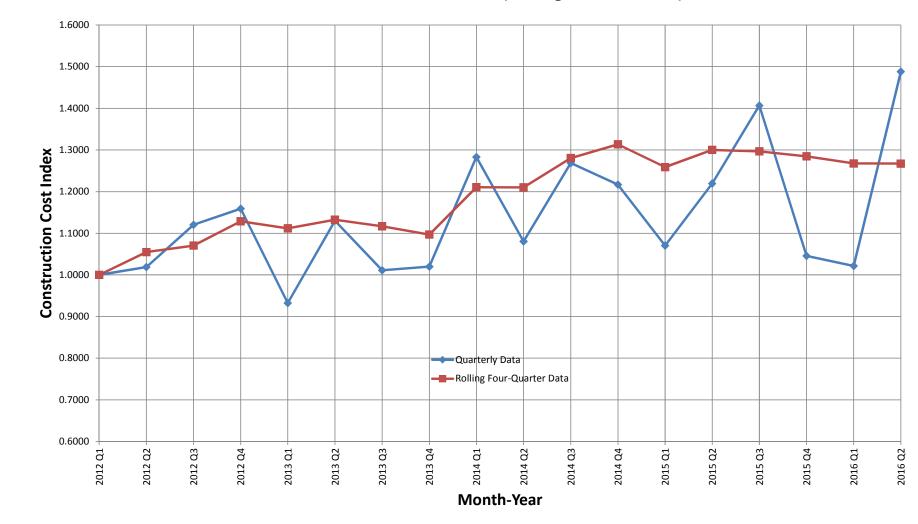
Colorado Construction Cost Index Tabulations: Rolling Four-Quarter Data

	Earth	work	Hot Mix	Asphalt	Concrete P	avement*	Structural Concrete		Reinforcing Steel		Fisher Ideal Index	
Year Quarter	Price (\$/CY)	Qty (CY)	Price (\$/TON)	Qty (TON)	Price (\$/SY)	Qty (SY)	Price (\$/CY)	Qty (CY)	Price (\$/LB)	Qty (LB)	Relative	Cumulative
2012 Q1	7.48	3,751,697.00	74.46	2,382,261.64	34.23	900,143.46	422.36	73,783.53	0.85	13,569,678.00		1.0000
2012 Q2	8.23	1,880,505.10	80.96	1,363,144.44	30.16	816,743.88	443.62	23,011.23	0.90	4,772,701.00	1.0547	1.0547
2012 Q3	8.48	1,846,077.10	81.66	1,287,260.97	31.05	843,073.00	452.94	22,476.20	0.91	4,787,809.00	1.0149	1.0704
2012 Q4	10.27	1,121,889.10	86.04	1,146,182.48	31.16	939,177.75	463.41	17,706.20	0.93	3,585,868.00	1.0546	1.1289
2013 Q1	9.49	1,485,683.10	83.47	928,113.04	32.27	1,029,062.73	486.55	19,089.20	0.92	3,558,715.00	0.9849	1.1118
2013 Q2	9.92	1,434,545.00	84.12	1,101,702.15	34.07	825,351.20	470.21	20,036.20	0.91	3,774,375.00	1.0184	1.1323
2013 Q3	9.36	1,642,395.00	83.90	1,188,967.76	34.28	888,541.07	433.64	27,565.00	0.84	5,639,080.00	0.9863	1.1168
2013 Q4	9.37	1,471,110.00	81.24	1,241,299.17	35.11	873,646.26	419.69	27,545.00	0.84	5,815,564.00	0.9823	1.0970
2014 Q1	11.48	911,590.00	86.56	1,281,231.78	46.14	381,618.23	400.29	21,791.00	0.84	4,515,089.00	1.1034	1.2105
2014 Q2	11.85	1,205,823.00	88.04	1,327,539.16	39.83	623,655.62	433.90	23,183.90	0.84	4,934,523.00	0.9998	1.2102
2014 Q3	13.42	1,494,650.00	89.35	1,283,155.31	44.14	600,733.12	541.68	29,561.20	0.96	5,533,346.00	1.0580	1.2804
2014 Q4	12.66	2,114,418.00	93.51	1,225,781.09	44.81	664,619.23	555.07	34,466.30	0.98	5,994,584.00	1.0258	1.3134
2015 Q1	12.85	2,316,307.80	89.18	1,529,057.76	39.26	918,445.12	574.22	33,195.60	1.03	5,734,003.00	0.9586	1.2590
2015 Q2	13.04	1,872,642.80	90.84	1,292,793.65	42.91	835,422.95	592.48	26,064.70	1.10	4,471,053.00	1.0327	1.3002
2015 Q3	13.13	1,204,497.80	90.64	1,279,136.71	41.51	700,392.56	602.72	10,477.30	1.27	1,608,793.00	0.9973	1.2966
2015 Q4	14.80	818,623.90	87.45	1,204,939.88	41.57	671,931.51	647.54	7,522.20	1.54	1,027,415.00	0.9908	1.2847
2016 Q1	12.80	1,456,606.10	86.80	1,546,286.39	44.32	604,071.62	614.96	12,035.61	1.15	2,286,237.00	0.9868	1.2677
2016 Q2	12.70	1,303,644.10	87.14	1,352,731.08	43.47	386,510.51	623.45	11,042.61	1.11	2,093,181.00	0.9997	1.2673

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

^{*} Concrete Pavement is normalized to 9 inches thick.

Colorado CCI - Second Quarter (Ending June 30, 2016)



NOTE: Data 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.

Starting with 2015 Q3, this quarterly CCI report also includes calculations based on rolling four-quarter data. The rolling four-quarter data calculations are less volatile than the quarterly data calculations, partially due to the strong seasonal nature of transportation construction in Colorado.

For the current quarter, price changes for the five sub groups, as shown in the 'Colorado Construction Cost Index Tabulations: Quarterly Data', are listed as follows:

Earthwork (Excavation and Embankment):

The average price was \$31.34/CY which is up \$19.07/CY, with less than 1/50 of the quantity, from the previous quarter.

Hot Mix Asphalt:

The average price was \$110.17/TON which is up \$26.14/TON, with nearly 1/10 of the quantity, from the previous quarter.

Concrete Pavement:

The average price was \$104.99/SY which is up \$65.81/SY, with less than 1/100 of the quantity, from the previous quarter.

Structural Concrete:

The average price was \$1,028.57/CY which is up \$411.47/CY, with less than 1/50 of the quantity, from the previous quarter.

Reinforcing Steel:

The average price was \$2.79/LB which is up \$1.77/LB, with less than 1/100 of the quantity, from the previous quarter.

ADDITIONAL INFORMATION:

This quarter, based on preceding quarter data, all five sub groups, Earthwork, Hot Mix Asphalt, Concrete Pavement, Structural Concrete and Reinforcing Steel showed an increase in price. This quarter, 26 Design-Bid-Build projects for a total of \$50,755,465.68 were bid and awarded. The five categories for CCI items totaled \$13,856,885.20 which is 27.3% of total Design-Bid-Build awarded amount. By comparison, last quarter, 59 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		
Hybrid / Modified / Streamlined Design-Build	0	\$0.00		
Construction Manager / General Contractor	1	\$51,458,691.48		
Emergency	2	\$2,059,993.61		
Sub Total	3	\$53,518,685.09		