



Department of Transportation

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Re: South Dakota Construction Cost Index for Calendar Year 2012

We are providing the South Dakota Construction Cost Index (CCI) for Calendar Year 2011 to help you evaluate price trends in the various categories of construction projects let through the South Dakota Department of Transportation. This information is also located on the SDDOT web page at: http://www.sddot.com/pe/projdev/bidlet_contractor.asp.

The base year for the South Dakota Construction Cost Index is Calendar Year 1987 and represents 100 index points. The composite index for CY2012 is 332.369 as compared to 307.761 for CY2011. This demonstrates an increase of 24.608 index points, or a 8.00% increase from the previous year.

SDDOT let 189 projects to contract in CY2012 with total award amounts of \$450,391,759. Bidder competition was 3.91 average bids per project. This compares to 4.06 bidders per project in CY2011 when there were 178 projects let to contract with total contract awards of \$341,668,236.

The following pages illustrate the average unit price of all low bids for CY2012 along with the preceding year's data. Page 3 contains tables showing the average contract prices since CY1987 for the eight items selected, the Composite Index, and the percentage change from the prior year.

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**SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION
UNIT PRICE CHANGES BY WORK ITEM
CALENDAR YEAR 2012**

<u>WORK ITEM</u>	<u>UNIT</u>	<u>CY2012 UNIT PRICE</u>	<u>CY2011 UNIT PRICE</u>	<u>% CHANGE FROM CY2011</u>
1. Unclassified Excavation [Includes any and all materials encountered during construction work, except materials designated for removal under other contract items.]	Cu. Yd.	\$2.148	\$1.768	+21.53%
2. Liquid Asphalt [Includes asphalt mat, asphalt flush jack, asphalt for prime, asphalt for surface treatment, and asphalt cement.]	Ton	\$795.689	\$692.341	+14.93%
3. Asphalt Concrete [Includes all classes and auxiliary surfaces except mat asphalt and contractor furnished asphalt.]	Ton	\$39.012	\$34.680	+12.49%
4. Gravel Cushion-Subbase and Base [Includes all types gravel cushion, subbase, and base.]	Ton	\$14.599	\$11.555	+26.35% (A)
5. Portland Cement Concrete Pavement [Includes all types and depths, no shoulders.]	Sq. Yd.	\$31.145	\$33.228	-6.27%
6. Class "A" Concrete [Includes class "A" concrete for bridges and box culverts. Exclude pre-cast concrete culverts and joint repair.]	Cu. Yd.	\$723.165	\$740.543	-2.35%
7. Reinforcing Steel [Include all steel and coated epoxy steel for bridges and box culverts.]	Lb.	\$1.367	\$1.180	-15.83%
8. Structural Steel [Includes only steel found in bridge contracts.]	Lb.	\$1.570	\$2.505	-37.35%

(A) NOTE: The amount of gravel salvage tonnage and gravel surface has a major impact in the price per ton.

*Each work item includes 6.52% mobilization factor.

**SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION
HIGHWAY CONSTRUCTION COST INDEX (CCI) TREND**

YEAR	Unclassified Excavation (Per Cu. Yd.)	Liquid Asphalt (Per Ton)	Asphalt Concrete (Per Ton)	Gravel Cushion Subbase-Base (Per Ton)	PCC Pavement (Per Sq. Yd.)	Class "A" Concrete (Per Cu. Yd.)	Reinforced Steel (Per Lb.)	Structural Steel (Per Lb.)	Composite Index	% Change From Prior Year
1987 Average	.967	149.94	9.63	3.94	15.00	239.27	.480	.632	100.0	-7.3
1988 Average	.901	156.85	9.10	3.83	15.03	224.42	.522	.899	96.6	-3.4
1989 Average	.957	141.85	11.72	4.43	16.76	228.66	.551	.686	107.7	+11.5
1990 Average	.901	154.91	12.14	4.12	18.01	239.85	.536	.920	112.3	+4.3
1991 Average	.896	137.93	12.21	4.07	20.39	247.72	.521	1.06	114.4	+1.9
1992 Average	1.002	124.36	12.30	4.79	18.80	264.84	.534	1.996	112.4	-1.7
1993 Average	1.144	145.382	13.25	5.06	16.92	270.83	.542	.606	116.5	+3.6
1994 Average	1.072	138.548	12.659	5.024	21.21	250.675	.567	.669	120.0	+3.0
1995 Average	1.242	156.421	13.181	5.075	23.40	337.082	.694	1.22	132.5	+10.4
1996 Average	1.116	159.198	13.886	4.014	24.127	319.181	.637	2.077	132.6	+0.04
1997 Average	1.229	181.337	18.108	6.243	21.509	340.103	.755	1.265	147.14	+10.97
1998 Average	1.364	183.740	17.359	5.531	21.833	362.860	.727	0.934	149.09	+1.32
1999 Average	1.593	199.928	25.085	6.142	19.475	369.001	.648	1.194	169.25	+13.52
2000 Average	1.561	226.839	22.071	5.856	28.480	322.810	.606	1.023	176.997	+4.58
2001 Average	1.172	210.144	18.128	4.214	24.398	361.052	.651	1.073	153.337	-13.36
2002 Average	1.403	190.192	18.338	4.939	24.881	404.005	.704	0.911	154.356	+0.67
2003 Average	1.393	236.955	18.759	5.221	25.359	265.908	.742	0.925	161.269	+4.48
2004 Average	1.165	270.476	23.030	8.386	29.724	442.145	2.241	1.092	202.156	+25.35
2005 Average	1.441	251.356	26.343	5.311	28.446	449.219	1.110	1.470	195.726	-3.18
2006 Average	1.871	436.465	29.945	4.658	34.101	522.265	1.039	0.463	247.216	+26.31
2007 Average	2.429	429.460	33.486	7.943	34.799	535.446	1.072	----	268.045	+8.43
2008 Average	1.830	560.327	31.436	5.519	36.064	644.452	1.262	----	276.101	+3.01
2009 Average	1.755	615.404	32.939	10.055	33.564	733.969	.936	1.996	286.363	+3.72
2010 Average	1.809	618.971	33.032	10.868	30.505	550.658	1.339	5.104	289.484	+1.09
2011 Average	1.768	692.341	34.680	11.555	33.228	740.543	1.180	2.505	307.761	+6.31
2012 Average	2.148	795.689	39.012	14.599	31.145	723.165	1.367	1.570	332.369	+8.00

NOTE: 1987 Base = 100 Index Points

---- = Insufficient Data