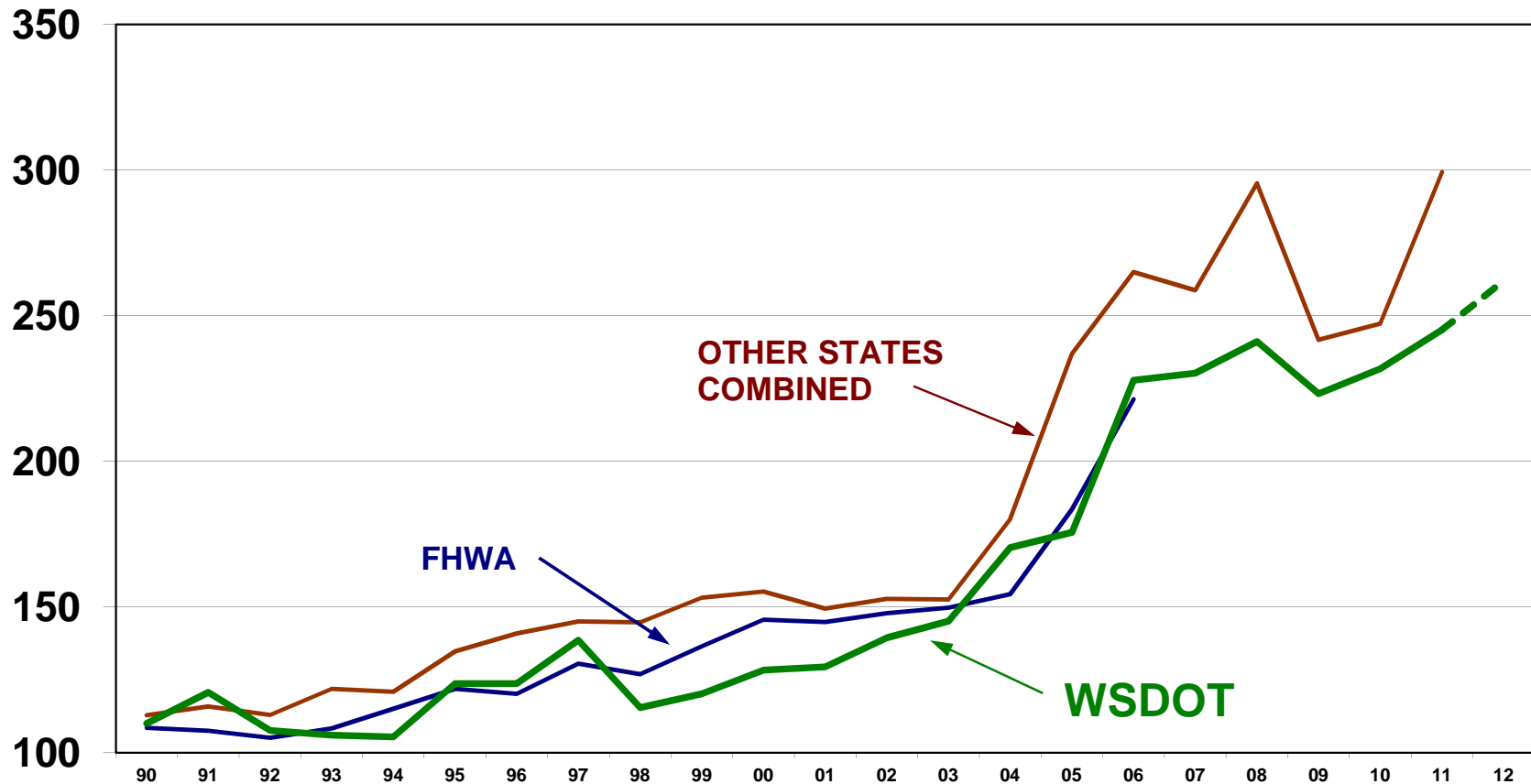


CONSTRUCTION COST INDICES



WSDOT BASE 1990 = 110
 FHWA AND OTHER STATES BASE 1987 = 100
 OTHER STATES: CALIFORNIA, COLORADO, OREGON, SOUTH DAKOTA & UTAH

Note: 2003 and 2004 WSDOT CCI data points adjusted to correct for spiking bid prices on structural steel

WSDOT 2012 INDEX IS FOR THE FIRST QUARTER
 FHWA INDEX DISCONTINUED IN 2007
 OTHER STATES 2011 DATA IS THE AVERAGE OF COLORADO, SOUTH DAKOTA AND UTAH ANNUAL DATA
 OREGON DATA NOT INCLUDED IN OTHER STATES DATA AFTER THE SECOND QUARTER OF 2010
 CALIFORNIA INDEX INCLUDED UNTIL CALCULATION METHOD CHANGED IN 2010



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CONSTRUCTION COST INDICES

	WASHINGTON	FHWA	CALIFORNIA	COLORADO	OREGON	SOUTH DAKOTA	UTAH
YEAR	1990 = 110	1987 = 100	1987 = 100	1987 = 100	1987 = 100	1987 = 100	1987 = 100
1990	110	109	114	103	107	112	128
1991	121	108	108	111	119	114	126
1992	108	105	107	111	109	112	126
1993	106	108	113	115	115	117	151
1994	105	115	119	119	112	120	135
1995	124	122	115	122	138	133	166
1996	124	120	119	142	135	133	176
1997	139	131	125	140	150	147	163
1998	116	127	129	158	142	149	146
1999	120	137	139	159	155	169	143
2000	128	146	146	171	148	180	132
2001	129	145	154	157	130	153	153
2002	139	148	142	150	164	154	153
2003	145	150	149	154	172	161	127
2004	170	154	216	168	162	202	153
2005	176	184	268	255	206	196	260
2006	228	221	281	256	248	246	294
2007	230	—	261	271	241	268	253
2008	241	—	253	331	289	276	310
2009	223	—	221	255	221	286	226
2010	232	—	—	256	219	289	225
2011	245	—	—	303	—	308	295
2012	262	—	—	*	—	*	*

*Data not available

WSDOT 2012 Index is for the first quarter

Oregon 2010 index is for quarters 1 & 2

WSDOT 2003 and 2004 CCI data points adjusted to correct for spiking bid prices on structural steel

Note: FHWA CCI discontinued in 2007, California Index included until calculation method changed in 2010. Oregon index discontinued in 2010.



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5/7/2012

WSDOT Highway Construction Costs

March 2012

This is a recap of prices bid last quarter and includes a comparison to the previous quarter. It also compares the current year to date bid price for an item to the average from the previous year. All averages are the weighted average of a set of data. It is intended to provide insight into the cost of an item by showing the range of prices bid. The estimated cost of future projects is dependant on many factors and the unit price selected is determined by an evaluation of past history, future trends and specific details of the project. The average price listed for each item below is not intended to be the bid price used in an estimate.

Roadway Excavation: \$10.13 per cubic yard

The unit bid price decreased by \$1.54 from the average unit price of \$11.66 per cubic yard last quarter. The prices ranged from \$6.45 to \$72.00 per cubic yard. WSDOT awarded 24,830 cubic yards of roadway excavation during the first quarter of 2012 and 22,410 cubic yards of roadway excavation during the fourth quarter of 2011. The average unit bid price in 2011 was \$9.25.

Crushed Surfacing: \$13.61 per ton

The unit bid price decreased by \$2.33 from the average unit price of \$15.93 per ton last quarter. The prices ranged from \$9.50 to \$145.00 per ton. WSDOT awarded 61,838 tons of crushed surfacing during the first quarter of 2012 and 15797 tons of crushed surfacing during the fourth quarter of 2011. The average unit bid price in 2011 was \$15.7.

Hot Mix Asphalt: \$73.46 per ton

The unit bid price increased by \$7.29 from the average unit price of \$66.66 per ton last quarter. The prices ranged from \$62.00 to \$311.00 per ton. WSDOT awarded 109,859 tons of hot mix asphalt during the first quarter of 2012 and 13,086 tons of HMA during the fourth quarter of 2011. The average unit bid price for western Washington was \$84.41. The average unit bid price for eastern Washington was \$72.57. The average unit bid price for all areas in 2011 was \$66.17.

Concrete Pavement: \$180.00 per cubic yard

No Concrete Pavement was awarded during the first quarter of 2012. The average unit price for Concrete Pavement was \$180.00 per cubic yard during the fourth quarter of 2011. WSDOT awarded 2,540 cubic yards of concrete pavement during the fourth quarter of 2011. The average unit bid price in 2011 was 168.20.

Structural Concrete: \$505.69 per cubic yard

The unit bid price decreased by \$294.31 from the average unit bid price of \$800.00 per cubic yard last quarter. The prices ranged from \$500.00 to \$550.00 per cubic yard. WSDOT awarded 2,832 cubic yards of structural concrete during the first quarter of 2012 and 48 cubic yards of structural concrete during the fourth quarter of 2011. The average unit bid price in 2011 was \$489.26.

Steel Reinforcing Bar: \$1.00 per pound

The unit bid price decreased by \$1.00 from the average unit price of \$2.00 per pound last quarter. Only one contract was awarded containing steel reinforcing bar so no price range is available. WSDOT awarded 175,060 pounds of steel reinforcing bar during the first quarter of 2012 and 12,925 pounds of steel reinforcing bar during the fourth quarter of 2011. The average unit bid price in 2011 was \$0.87.

Structural Steel: \$1.65 per pound

No structural steel was awarded during the first quarter of 2012. The average unit price for Concrete Pavement was \$1.65 per pound during the third quarter of 2011, the last time WSDOT awarded Structural Steel. WSDOT awarded 908,300 pounds of structural steel during the third quarter of 2011 and 4,849,009 pounds during the second quarter of 2011. The average unit bid price in 2011 was \$1.90 per pound.

WSDOT Highway Construction Costs

Second Quarter 2007

This is a recap of prices bid last quarter and includes a comparison to the previous quarter. It is intended to provide insight into the cost of an item by showing the range of prices bid. The estimated cost of future projects is dependant on many factors and the unit price selected is determined by an evaluation past history, future trends and specific details of the project. The average price listed for each item below is not intended to be the bid price used in an estimate.

Roadway Excavation: \$6.51 per cubic yard

The unit bid price decreased by \$2.50 from the average unit price of \$9.01 per cubic yard last quarter. The prices ranged from \$2.35 to \$150.00 per cubic yard.

Crushed Surfacing: \$14.43 per ton

The unit bid price decreased by \$2.86 from the average unit price of \$17.29 per ton last quarter. The prices ranged from \$11.00 to \$120.00 per ton.

Hot Mix Asphalt: \$64.28 per ton

The unit bid price increased by \$4.94 from the average unit price of \$59.34 per ton last quarter. The prices ranged from \$46.56 to \$2,500.00 per ton. The average unit bid price for eastern Washington was \$57.48 and for western Washington the average price was \$67.95.

Concrete Pavement: \$119.06 per cubic yard

The unit bid price decreased by \$127.28 from the average unit price of \$246.34 per cubic yard last quarter. The prices ranged from \$115.00 to \$435.80 per cubic yard.

Structural Concrete: \$536.96 per cubic yard

The unit bid price decreased by \$74.21 from the average unit bid price of \$611.17 per cubic yard last quarter. The prices ranged from \$300.00 to \$1,000.00 per cubic yard.

Steel Reinforcing Bar: \$1.29 per pound

The unit bid price increased by \$0.14 from the average unit price of \$1.15 per pound last quarter. The prices ranged from \$1.00 to \$1.75 per pound.

Structural Steel: \$2.67 per pound

No structural steel has been awarded since the first quarter of 2006. The average unit bid price at that time was \$2.67 per pound.

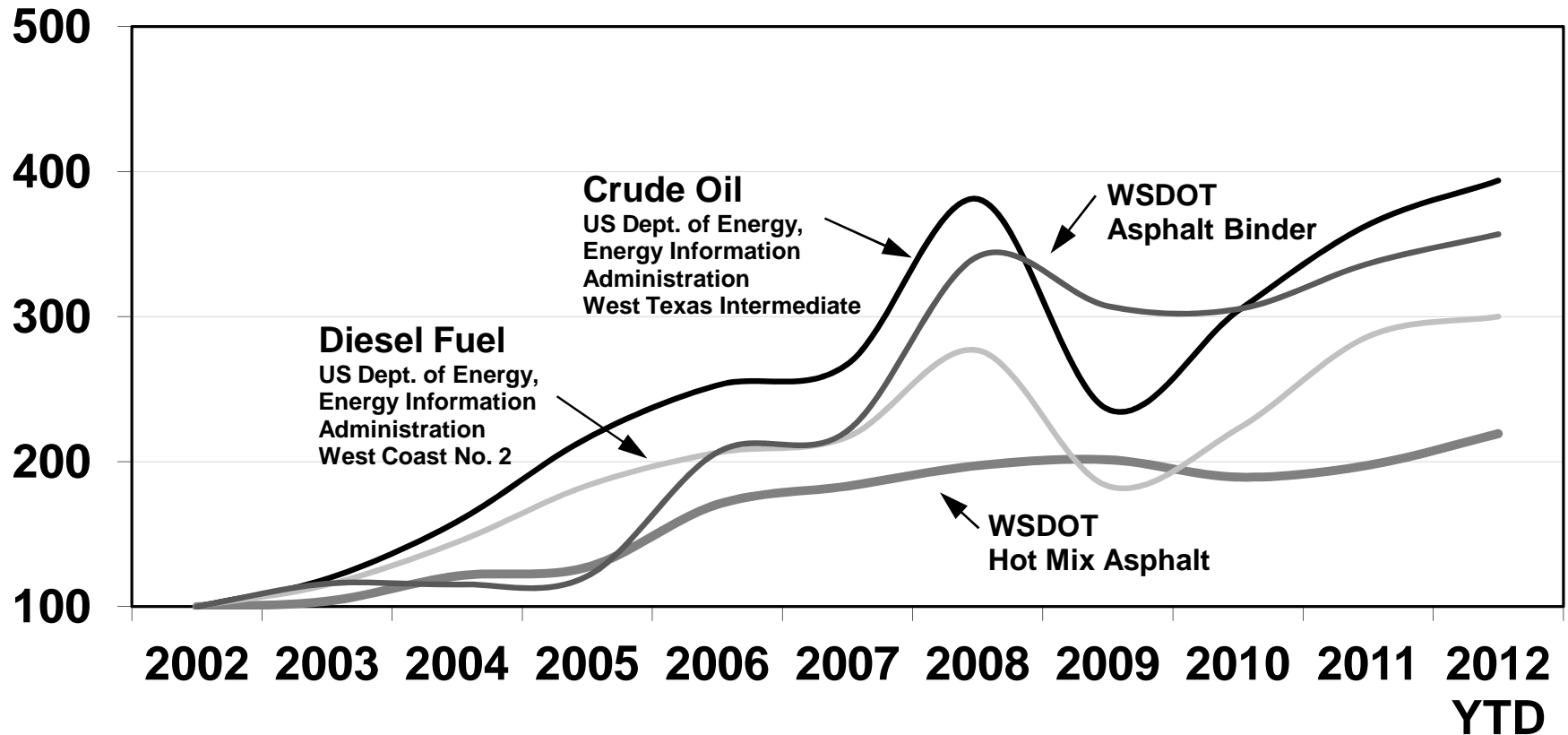
WSDOT UNIT BID PRICES

YEAR	ROADWAY EXCAVATION		CRUSHED SURFACING		HOT MIX ASPHALT		PORTLAND CEMENT CONCRETE PAVEMENT		STRUCTURAL CONCRETE		STEEL REINFORCING BAR		STRUCTURAL STEEL	
	\$/CY	CY AWARDED	\$/TON	TONS AWARDED	\$/TON	TONS AWARDED	\$/CY	CY AWARDED	\$/CY	CY AWARDED	\$/LB	LBS AWARDED	\$/LB	LBS AWARDED
1990	\$2.62	671,535	\$8.58	104,201	\$32.82	100,090	\$55.00	0	\$231.51	1,642	\$0.45	636,173	\$0.82	1,930,000
1991	\$4.05	1,808,745	\$9.62	571,159	\$28.62	1,013,919	\$61.53	22,740	\$322.81	10,415	\$0.45	3,510,600	\$1.04	2,186,000
1992	\$3.98	2,180,047	\$9.72	736,536	\$26.48	1,327,930	\$46.98	33,269	\$232.04	31,071	\$0.44	6,566,164	\$0.97	5,813,600
1993	\$3.24	6,142,080	\$7.65	1,988,632	\$27.23	2,043,134	\$59.97	58,370	\$265.49	40,201	\$0.42	8,054,307	\$0.88	11,848,000
1994	\$3.47	2,925,995	\$7.77	1,396,251	\$27.83	1,312,217	\$65.29	95,415	\$248.94	53,120	\$0.41	13,914,531	\$0.71	5,041,000
1995	\$4.46	2,551,036	\$9.28	1,079,113	\$28.28	1,282,315	\$100.83	16,508	\$285.02	28,026	\$0.44	5,601,982	\$1.34	1,378,000
1996	\$3.92	2,465,355	\$9.64	691,247	\$28.07	1,567,581	\$126.60	0	\$305.22	36,859	\$0.49	7,598,737	\$1.17	2,458,000
1997	\$4.92	1,406,484	\$10.30	631,209	\$31.35	1,631,318	\$152.37	747	\$313.29	6,963	\$0.51	1,380,557	\$1.37	1,352,000
1998	\$2.89	2,012,067	\$10.88	381,219	\$31.10	777,066	\$33.16	25,768	\$277.25	27,217	\$0.49	3,894,321	\$1.03	11,044,000
1999	\$3.79	3,340,657	\$11.21	771,540	\$28.54	2,244,177	\$36.43	104,901	\$323.92	31,775	\$0.45	4,796,081	\$1.12	1,444,000
2000	\$3.98	1,243,116	\$11.57	326,081	\$31.69	1,362,950	\$103.02	50,543	\$279.99	20,320	\$0.51	2,544,716	\$1.15	0
2001	\$2.81	5,030,996	\$11.08	704,391	\$32.01	1,938,378	\$117.65	24,233	\$359.38	24,836	\$0.41	7,973,186	\$1.17	9,170,000
2002	\$5.53	809,083	\$10.45	333,687	\$33.51	1,204,308	\$106.89	13,872	\$326.47	8,999	\$0.54	1,485,535	\$0.94	5,842,000
2003	\$5.39	1,924,839	\$10.26	739,709	\$34.78	1,823,518	\$87.75	132,901	\$380.84	47,445	\$0.50	7,536,245	\$1.13	5,478,400
2004	\$7.23	1,719,277	\$12.78	486,830	\$40.59	1,284,000	\$132.02	18,714	\$328.12	15,141	\$0.86	1,979,940	\$1.31	145,600
2005	\$5.61	4,155,185	\$12.82	663,167	\$42.64	1,558,151	\$118.36	108,956	\$419.25	38,012	\$0.91	5,105,718	\$1.50	4,300,380
2006	\$6.10	2,235,753	\$12.49	448,026	\$57.12	1,050,210	\$279.28	7,612	\$475.88	14,737	\$0.98	5,208,579	\$2.67	236,000
2007	\$6.31	1,717,938	\$15.15	737,708	\$61.36	1,212,649	\$140.65	66,559	\$567.75	20,553	\$1.15	5,313,761	\$1.70	1,800,000
2008	\$8.85	5,354,342	\$13.61	1,158,940	\$66.08	1,309,501	\$206.33	38,370	\$497.33	39,501	\$1.11	6,683,180	\$2.73	6,976,400
2009	\$6.69	909,988	\$14.61	599,499	\$67.44	1,273,739	\$133.62	43,001	\$460.54	20,688	\$0.69	2,285,755	\$1.41	3,625,000
2010	\$7.25	2,310,707	\$12.75	891,964	\$63.44	1,113,530	\$142.75	123,564	\$572.21	43,248	\$0.92	8,701,715	\$1.58	6,761,500
2011	\$9.25	1,912,622	\$15.73	695,521	\$66.17	876,762	\$168.20	47,726	\$489.26	42,534	\$0.87	7,859,554	\$1.90	5,757,309
2012	\$10.13	24,830	\$13.61	61,838	\$73.46	109,859	\$168.20	0	\$505.69	2,832	\$1.00	175,060	\$1.90	0

The quantities shown in this table represent only quantities of the standard items used to calculate the Construction Cost Index and are not intended to represent the overall quantities of items awarded yearly by WSDOT. Unit bid prices for years when an item was not awarded were calculated by averaging the unit bid price of the year before and the year after.
 Note: WSDOT 2003 and 2004 CCI data points adjusted to correct for spiking bid prices on structural steel



WSDOT Asphalt, Crude Oil & Diesel Fuel Indices



BASE 2002 = 100

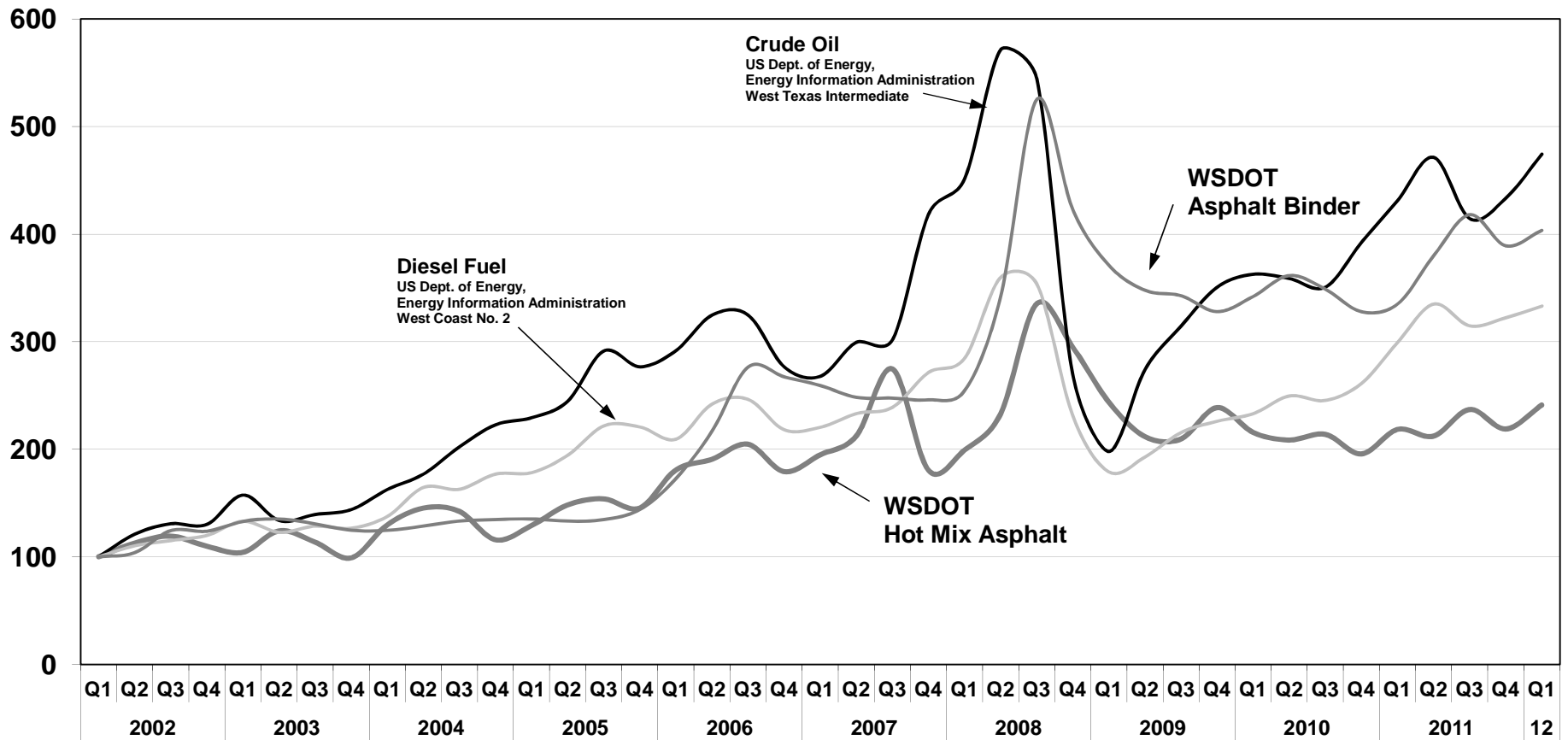


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5/7/2012

WSDOT Asphalt, Crude Oil & Diesel Fuel Indices



BASE 2002 = 100

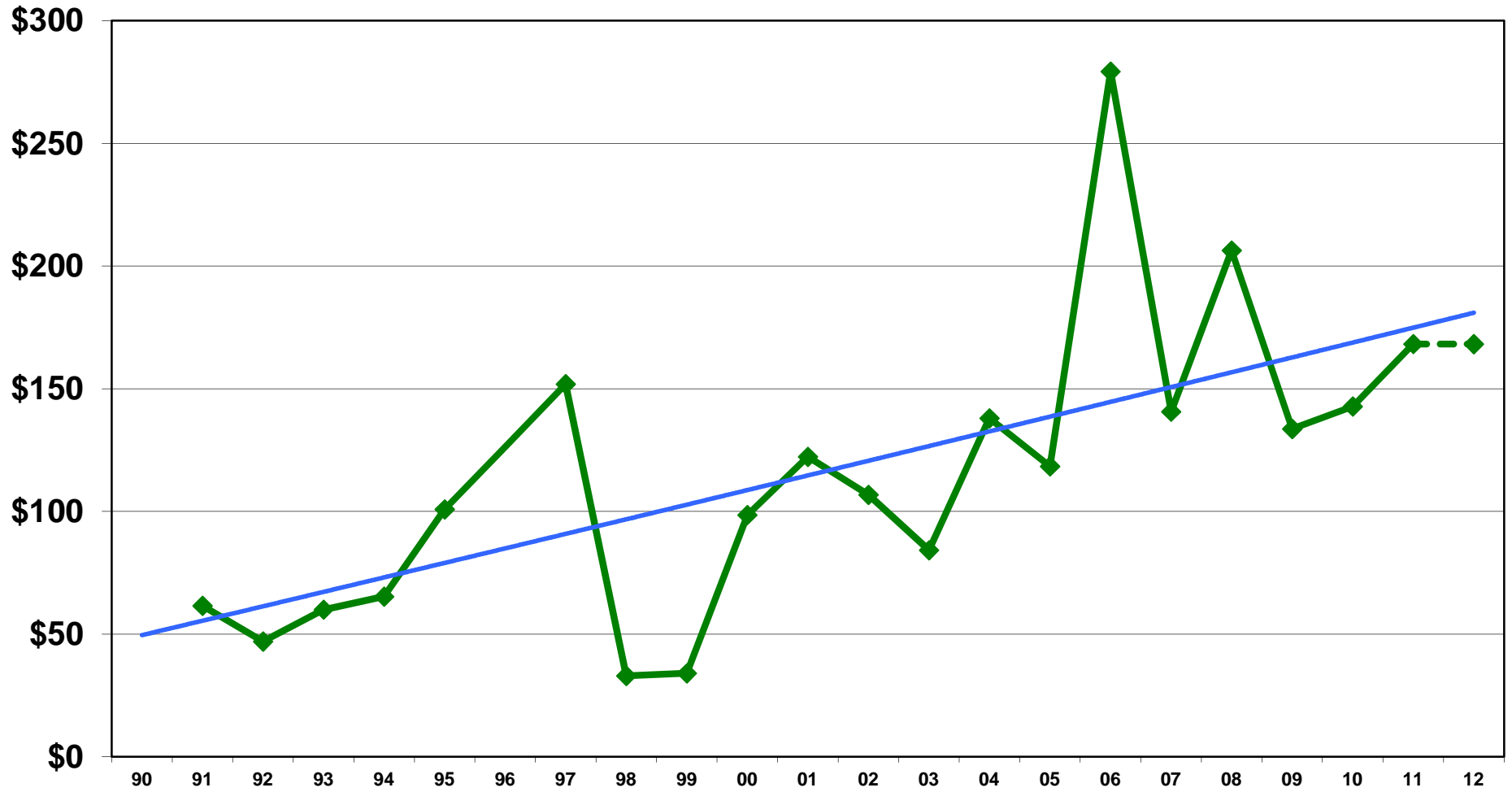


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CONCRETE PAVEMENT

UNIT BID PRICE

\$/CY



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STRUCTURAL CONCRETE

UNIT BID PRICE

\$/CY

\$800

\$700

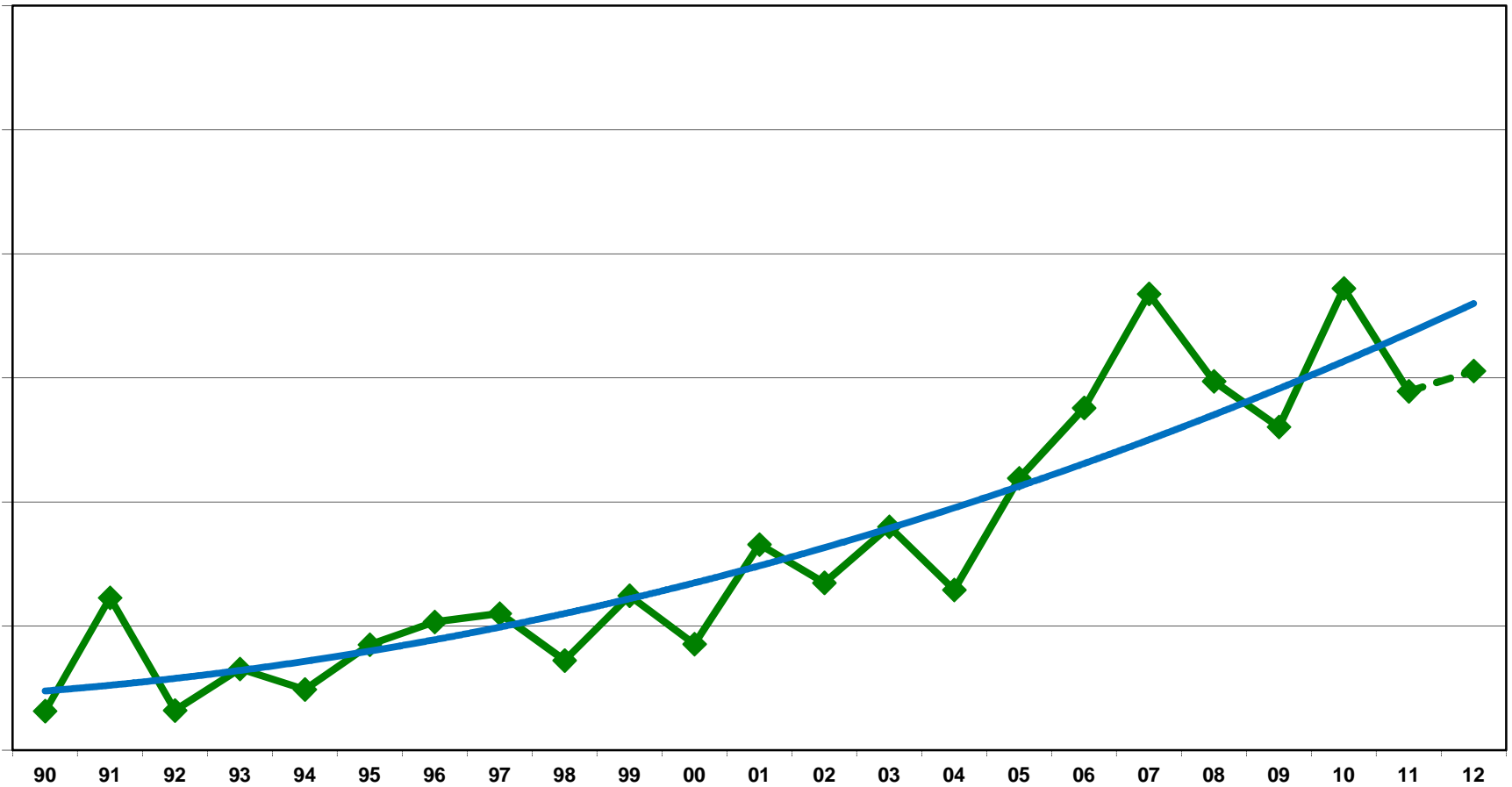
\$600

\$500

\$400

\$300

\$200



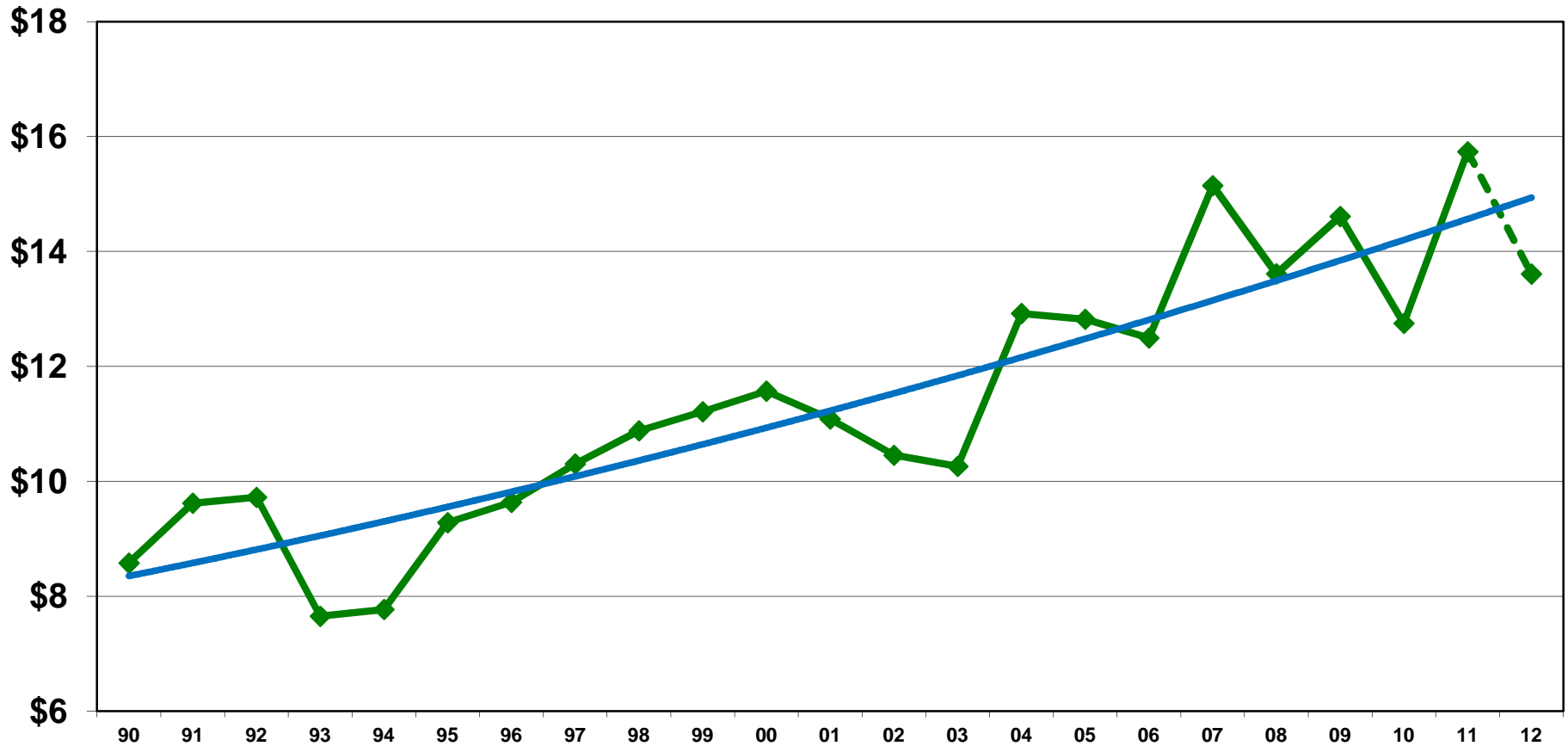
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CRUSHED SURFACING UNIT BID PRICE

\$/ TON



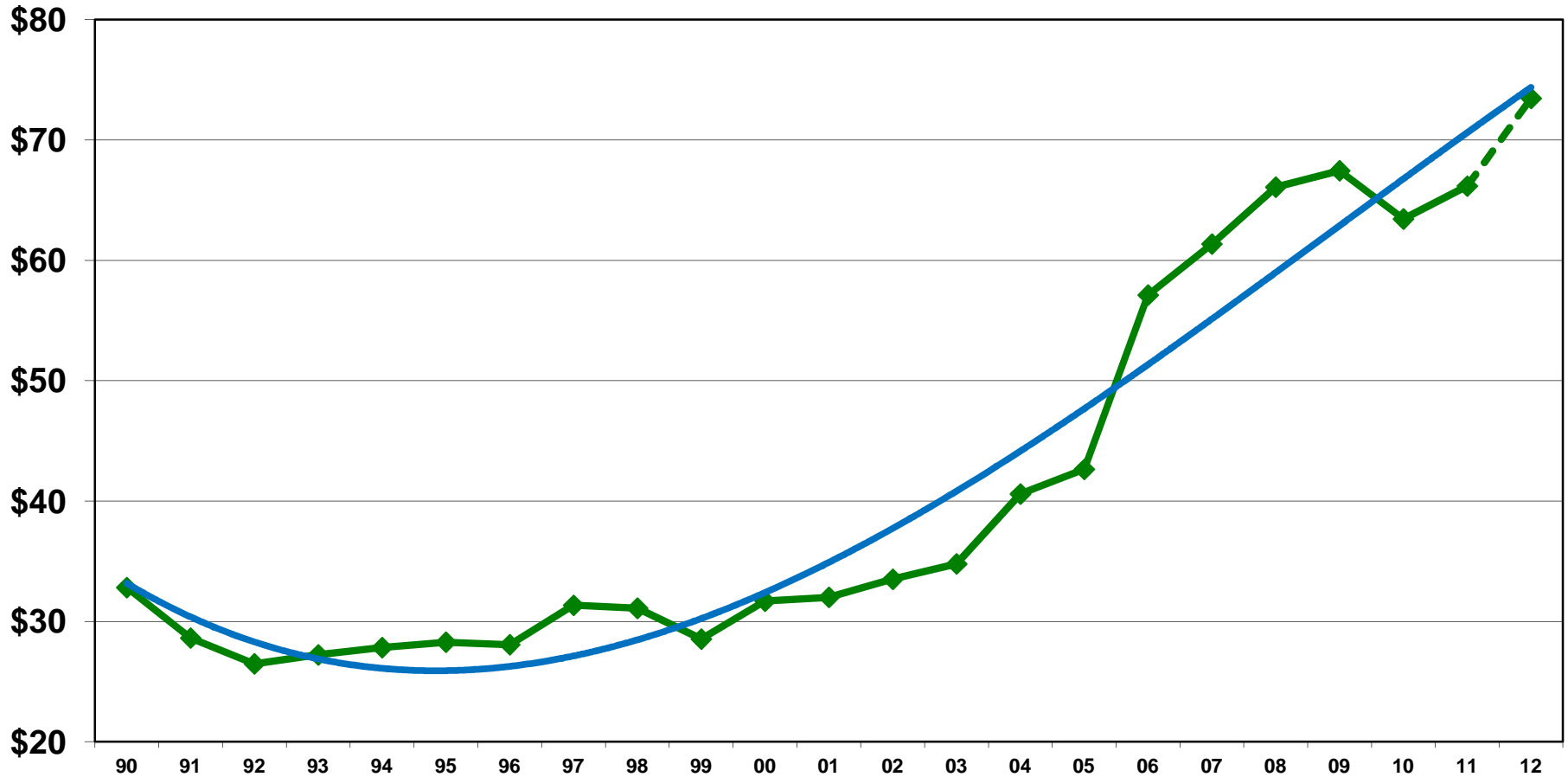
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HOT MIX ASPHALT UNIT BID PRICE

\$/TON



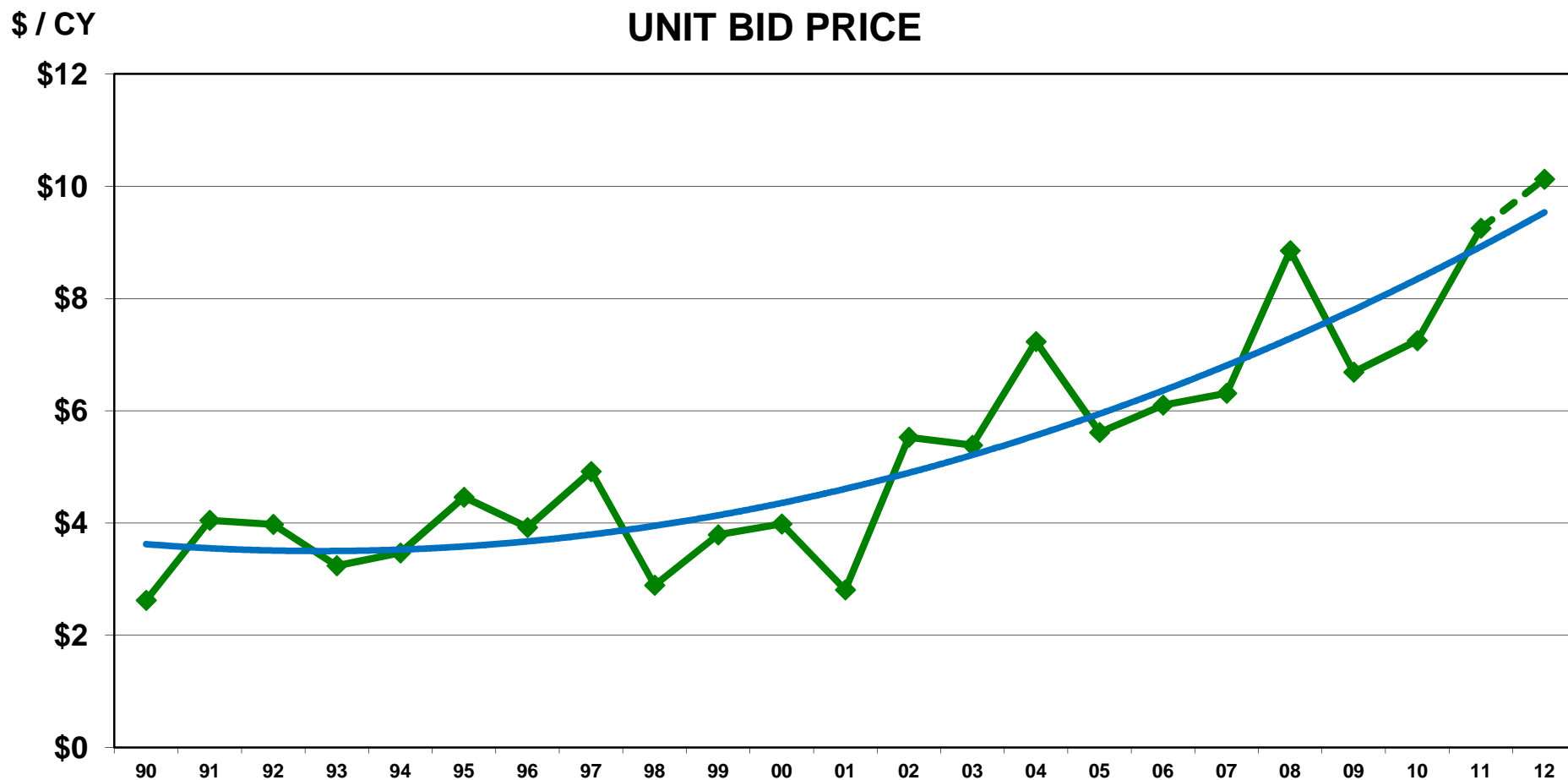
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ROADWAY EXCAVATION

UNIT BID PRICE



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5/7/2012

STEEL REINFORCING BAR

UNIT BID PRICE

\$/LB

\$1.25

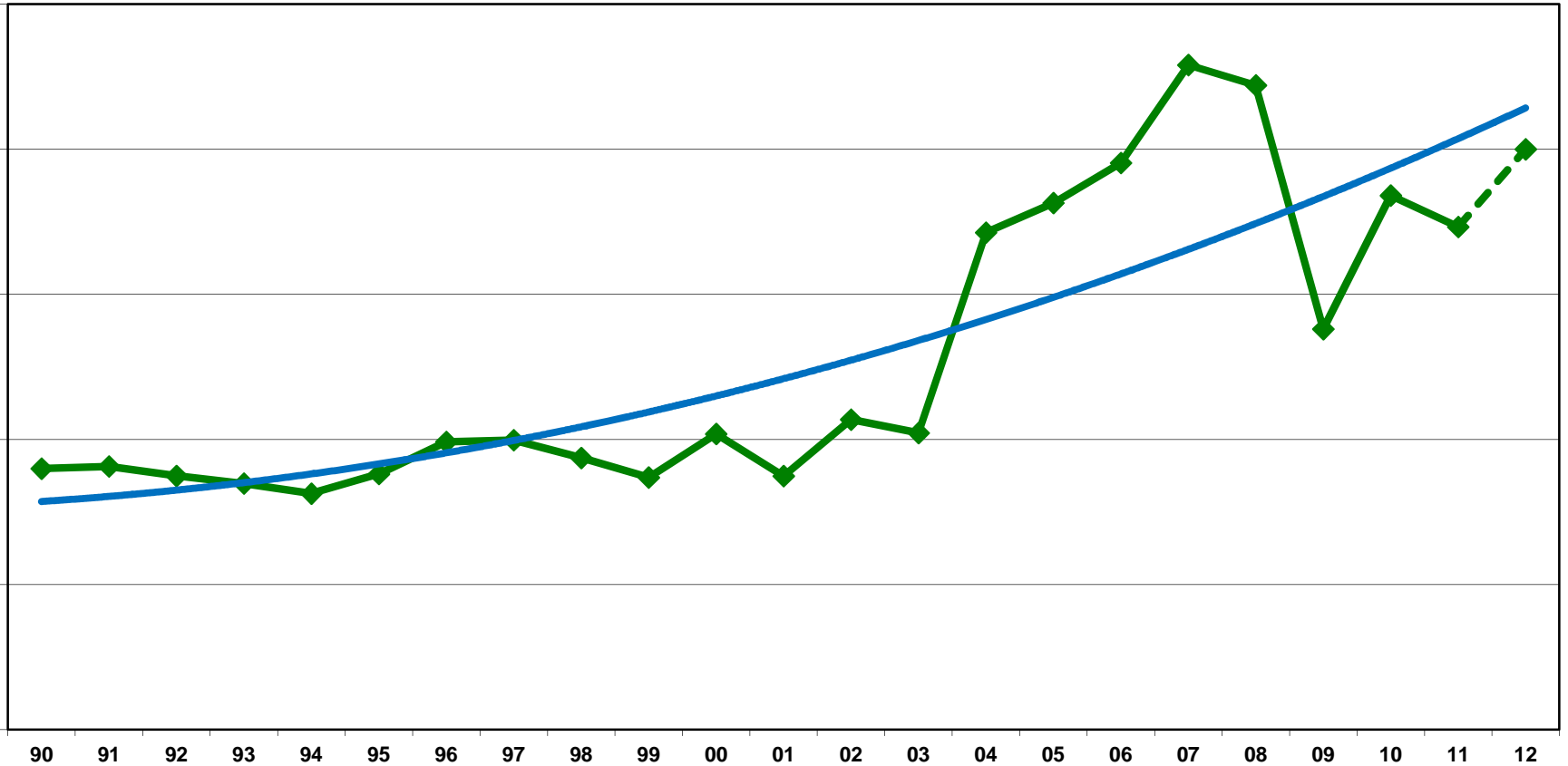
\$1.00

\$0.75

\$0.50

\$0.25

\$0.00



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5/7/2012

STRUCTURAL STEEL

UNIT BID PRICE

\$/LB

\$3.00

\$2.50

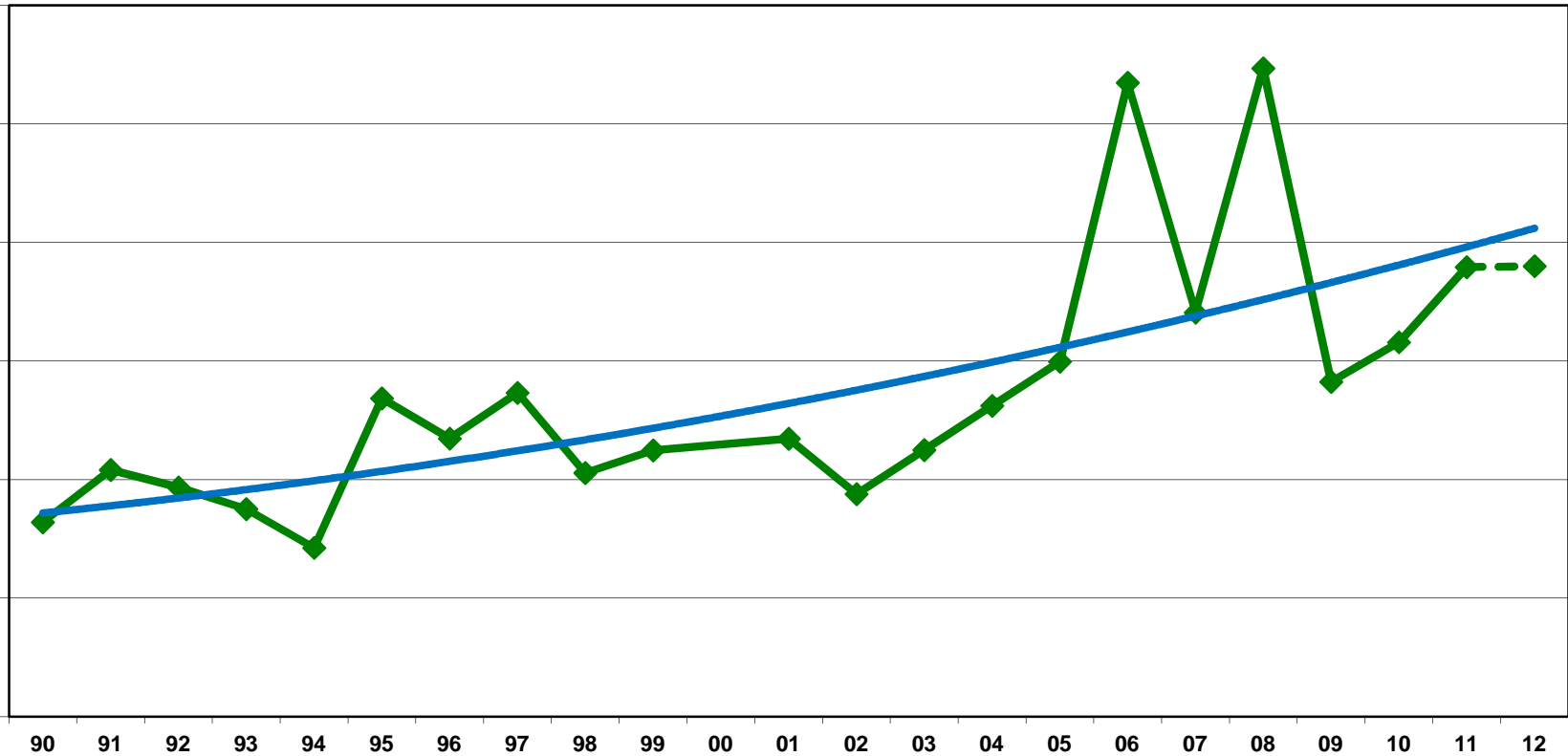
\$2.00

\$1.50

\$1.00

\$0.50

\$0.00



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