

WSDOT Highway Construction Costs

October 2009

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: \$6.19 per cubic yard

The unit bid price decreased by \$4.65 from the average unit price of \$10.84 per cubic yard last quarter. The prices ranged from \$3.50 to \$300.00 per cubic yard. WSDOT awarded 244,579 cubic yards of roadway excavation during the third quarter of 2009 and 257,267 cubic yards during the second quarter. The average unit bid price in 2008 was \$8.85.

Crushed Surfacing: \$15.35 per ton

The unit bid price decreased by \$0.49 from the average unit price of \$15.84 per ton last quarter. The prices ranged from \$14.00 to \$70.70 per ton. WSDOT awarded 106,594 tons of crushed surfacing during the third quarter of 2009 and 178,433 tons of crushed surfacing during the second quarter. The average unit bid price in 2008 was \$13.61.

Hot Mix Asphalt: \$63.87 per ton

The unit bid price decreased by \$0.65 from the average unit price of \$64.52 per ton last quarter. The prices ranged from \$58.17 to \$350.00 per ton. WSDOT awarded 171,584 tons of HMA during the third quarter of 2009 and 698,733 tons of hot mix asphalt during the second quarter. The average unit bid price for western Washington was \$64.12. The average unit bid price for eastern Washington was \$63.42. The average unit bid price for all areas in 2008 was \$66.08.

Concrete Pavement: \$126.00 per cubic yard

The unit bid price decreased by \$14.00 from the average unit bid price of \$140.00 per cubic yard last quarter. Just one project awarded Concrete Pavement so no range is available. WSDOT awarded 32,880 cubic yards of concrete pavement during the third quarter and 8,410 cubic yards of concrete pavement during the second quarter. The average unit bid price in 2008 was \$206.33.

Structural Concrete: \$323.67 per cubic yard

The unit bid price decreased by \$317.37 from the average unit bid price of \$641.04 per cubic yard last quarter. Prices ranged from \$300.00 to \$700.00 per cubic yard. WSDOT awarded 6,885 cubic yards of structural concrete during the third quarter of 2009 and 1,411 cubic yards of structural concrete during the second quarter. The average unit bid price in 2008 was \$497.33.

Steel Reinforcing Bar: \$0.54 per pound

The unit bid price decreased by \$0.29 from the average unit price of \$0.83 per pound last quarter. Prices ranged from \$0.50 to \$1.25. WSDOT awarded 1,407,700 pounds of steel reinforcing bar during the third quarter of 2009 and 235,570 pounds of steel reinforcing bar during the second quarter. The average unit bid price in 2008 was \$1.11.

Structural Steel: \$1.41 per pound

The unit bid price decreased by \$1.27 from the average unit price of \$2.68 per pound during the last quarter of 2008. Just one project awarded structural steel so no price range is available. WSDOT awarded 3,625,000 pounds of structural steel during the third quarter of 2009 and 5,606,400 pounds of structural steel during the fourth quarter of 2008. The average unit bid price in 2008 was \$2.73.