



State of Utah

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Governor

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Lieutenant Governor

DEPARTMENT OF TRANSPORTATION

CARLOS M. BRACERAS, P.E.
Executive Director

SHANE M. MARSHALL, P.E.
Deputy Director

January 31, 2017

Region Directors, Program Managers, Preconstruction Engineers, and District Engineers
UDOT Central Construction/Materials
UDOT Administration
Federal Highway Administration (FHWA)

RE: UDOT Construction Cost Indices

The attached information for the 4th Quarter 2016 contains the following information throughout:

UDOT Construction Cost Index for Roadway Excavation, Surfacing and Structures.

(This Cost Index is meant to represent roadway reconstruction and brand new roadway construction)

UDOT Construction Cost Index for All Average Unit Bid Prices.

(This Cost Index is based on all standard items of work. It is meant to represent all project types for the year)

THE ATTACHED INFORMATION IS BASED ON APPARENT LOW BID ONLY.

If you have any questions or comments, please call me at (801) 965-4344.

Sincerely,
Stacy L. Frandsen
Contracts, Compliance & Certification Manager

See Attachment:

	<u>Quarter</u>	<u>Annual</u>
<u>Roadway Excavation, Surfacing, Structures</u>	 0.6%	 2.9%
<u>All Average Unit Bid Prices</u>	 2.8%	 4.6%

UTAH DEPARTMENT OF TRANSPORTATION

UDOT Construction Cost Index (Roadway Ex., Surfacing & Structures)

4th Quarter of 2016

The UDOT Construction Cost Index (Roadway Excavation, Surfacing & Structures) for the 4th quarter of 2016 stands at 349.8, down 0.6% compared to the 3rd quarter, 2016. This quarter is up 31.3% from the annual index for 2015. The annual index for 2016 is up 2.9% from the annual index for 2015.

Increases during the 4th quarter were recorded in the following categories:

Roadway Excavation

Asphalt Concrete Pavement - HMA

The average number of bids, per project, during the 4th quarter is 3.0, down 0.5 from the previous quarter where the average number of bids per project was 3.5.

The project values used for the preparation of this quarter's index are distributed as follows:

Project Value	Number of Projects	%	Value of Projects	%
Under \$100,000	0	0.00%	\$0.00	0.00%
100,000 to 250,000	3	8.82%	\$696,886.38	0.79%
250,000 to 500,000	6	17.65%	\$1,976,205.90	2.25%
500,000 to 1,000,000	5	14.71%	\$4,263,269.50	4.86%
1,000,000 to 2,500,000	10	29.41%	\$17,394,593.99	19.84%
2,500,000 to 5,000,000	5	14.71%	\$18,234,603.47	20.80%
Over 5,000,000	5	14.71%	\$45,111,162.40	51.45%
Totals	34	100.00%	\$87,676,721.64	100.00%

The UDOT Construction Cost Index (Roadway Ex., Surfacing & Structures) is composed of six indicator items. These items are used to indicate the price trend for roadway excavations, surfacing and structures. These items, the composite index for the 4th Quarter 2016 and the 2016 annual index are referenced on the following pages.

Roadway Excavation : \$13.11 per cubic yard (cy)

This price increased \$0.59 per cy from the average unit price of \$12.52 , which was the last bid for the 3rd quarter 2016 .

Hot Mix Asphalt (HMA) \$67.86 per ton

This price increased \$3.63 per ton from the average unit price of \$64.23 , which was the last bid for the 3rd quarter 2016 .

P.C.C.P. (9"-11" Thick) : \$49.02 per square yard (sy)

This price decreased \$1.38 per sy from the average unit price of \$50.40 , which was the last bid for the 3rd quarter 2016 .

(For the purpose of providing an index in an unused item, the average of the previous two quarters was used.)

Reinforcing Steel (Coated) - \$1.13 per pound (lb)

This price decreased \$0.08 per lb from the average unit price of \$1.21 , which was the last bid for the 3rd quarter 2016 .

Structural Steel - \$3.50 per pound (lb)

This price decreased \$0.24 per lb from the average unit price of \$3.74 , which was the last bid for the 3rd quarter 2016 .

Structural Concrete - \$472.26 per cubic yard (cy)

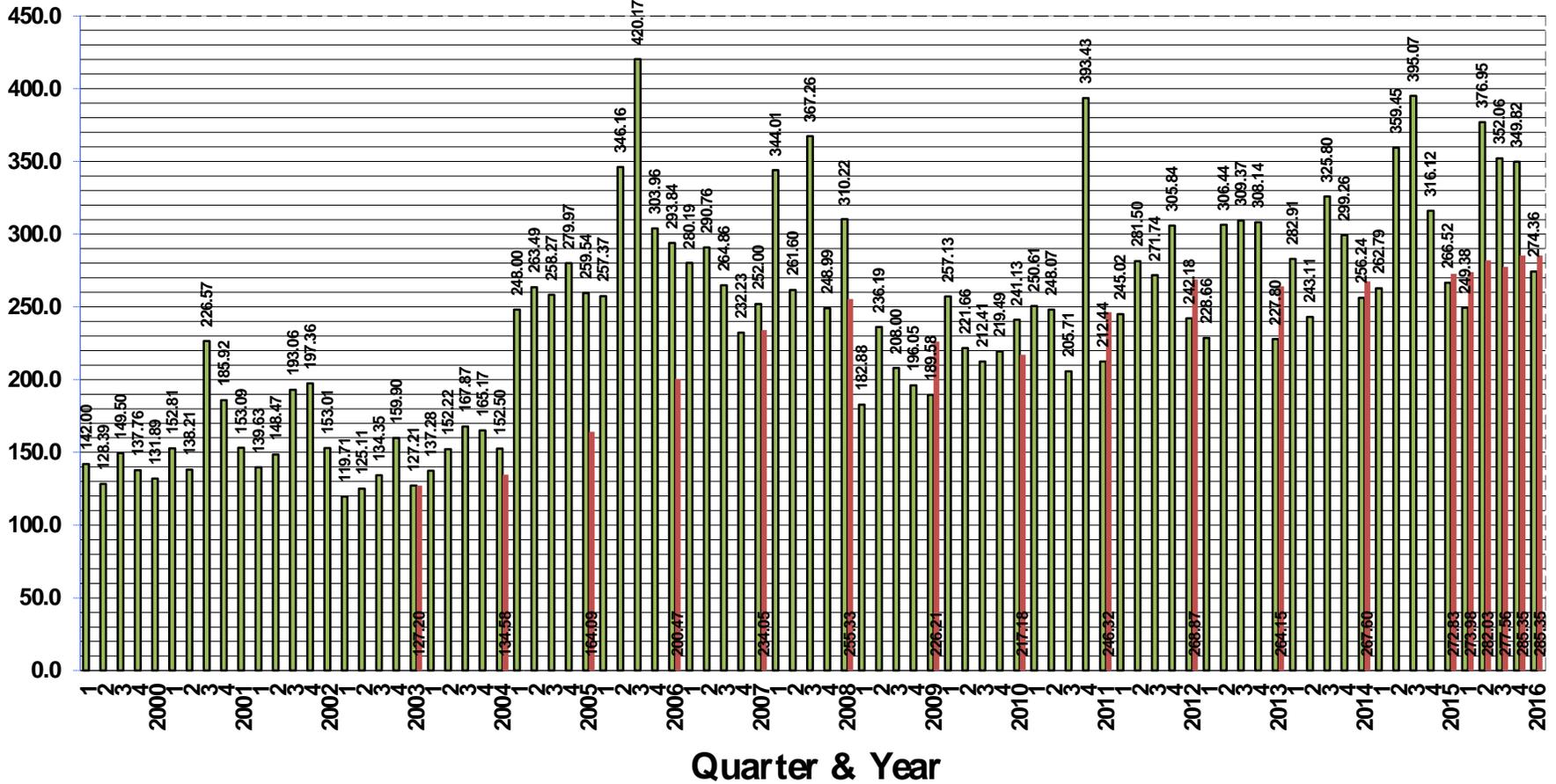
This price decreased \$203.87 per cy from the average unit price of \$676.13 , which was the last bid for the 3rd quarter 2016 .

Index

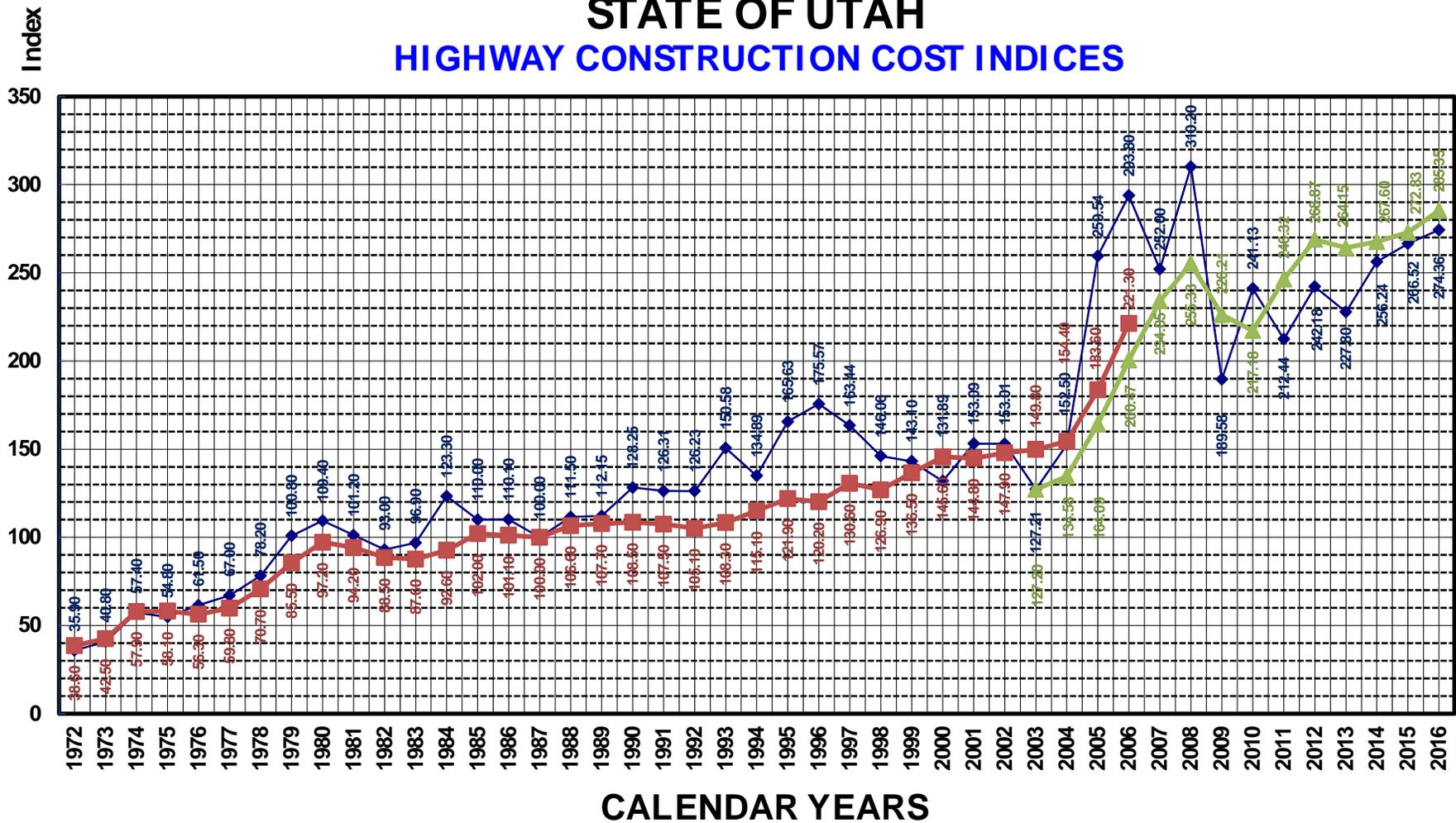
COST INDICES

Reflecting Each Quarter and Average for Each Year

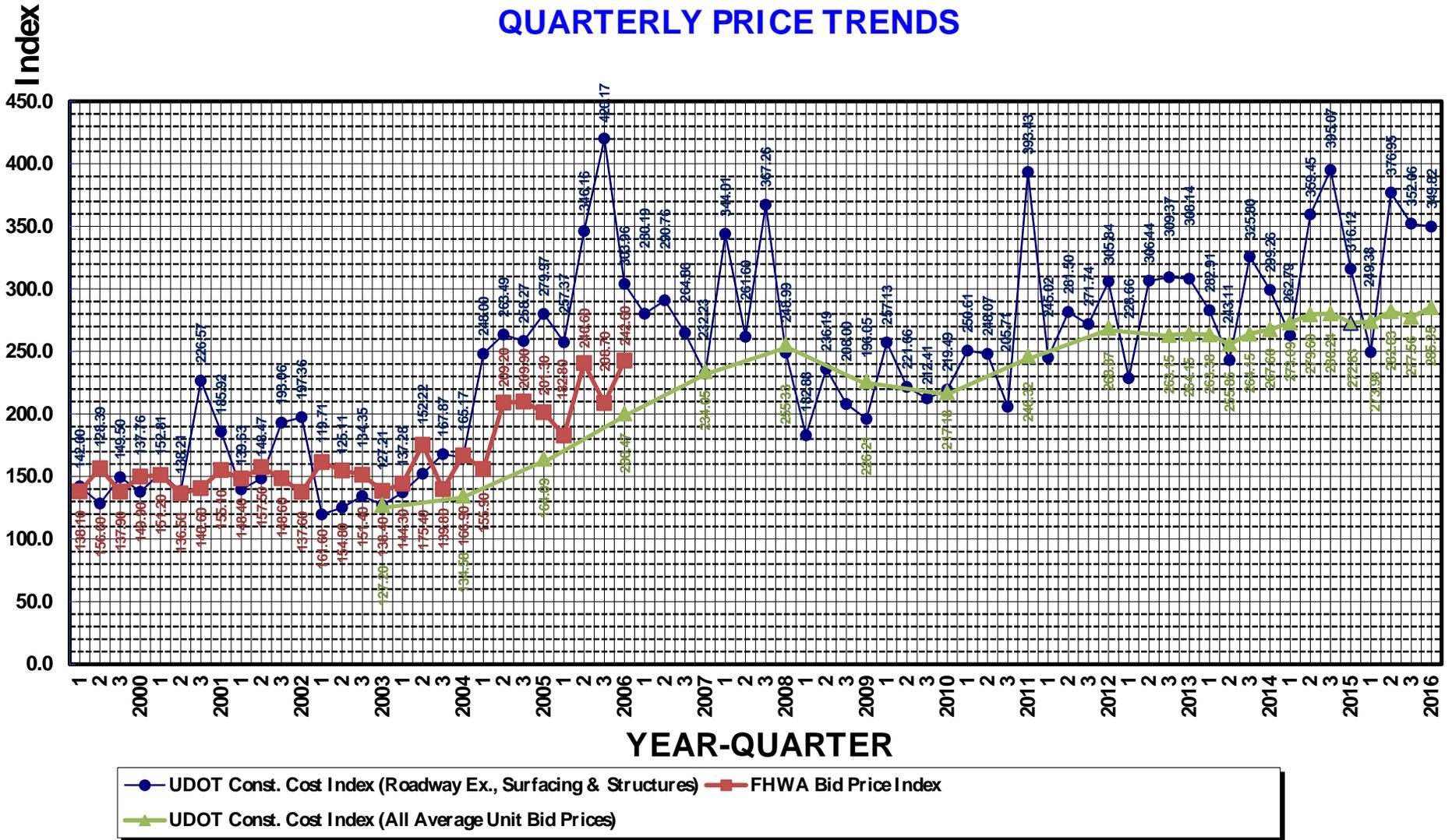
■ UDOT Const. Cost Index (Roadway Ex., Surfacing & Structures) ■ UDOT Const. Cost Index (All Average Unit Bid Prices)



STATE OF UTAH HIGHWAY CONSTRUCTION COST INDICES



STATE OF UTAH QUARTERLY PRICE TRENDS



Cost Index for UDOT Projects (2003-2016) (Based on UDOT Average Unit Bid Prices)

2016 Bid Prices based through 4th Quarter

