



State of Utah

GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

DEPARTMENT OF TRANSPORTATION

CARLOS M. BRACERAS, P.E.  
Executive Director

SHANE M. MARSHALL, P.E.  
Deputy Director

November 1, 2016

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 3rd 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>	 6.6%	 32.1%
<u>All Average Unit Bid Prices</u>	 1.6%	 1.7%

## UTAH DEPARTMENT OF TRANSPORTATION

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

3rd Quarter of 2016

The UDOT Construction Cost Index (Roadway Excavation, Surfacing & Structures) for the 3rd quarter of 2016 stands at 352.1, down 6.6% compared to the 2nd quarter, 2016. This quarter is up 32.1% from the annual index for 2015.

Increases during the 3rd quarter were recorded in the following categories:

- Roadway Excavation
- Portland Cement Concrete
- Reinforcing Steel (Coated)
- Structural Concrete

The average number of bids, per project, during the 3rd quarter is 3.50, up 0.20 from the previous quarter where the average number of bids per project was 3.30.

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	3	12.00%	\$258,315.50	0.43%
100,000 to 250,000	2	8.00%	\$330,905.00	0.55%
250,000 to 500,000	4	16.00%	\$1,720,179.16	2.85%
500,000 to 1,000,000	2	8.00%	\$1,231,164.30	2.04%
1,000,000 to 2,500,000	6	24.00%	\$9,765,845.79	16.16%
2,500,000 to 5,000,000	5	20.00%	\$15,489,464.60	25.63%
Over 5,000,000	3	12.00%	\$31,637,816.31	52.35%
<b>Totals</b>	<b>25</b>	<b>100.00%</b>	<b>\$60,433,690.66</b>	<b>100.00%</b>

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 and the composite index for the 3rd Quarter 2016 are referenced on the following pages.

Roadway Excavation - \$12.52 per cubic yard (cy)

This price increased \$3.07 per cy from the average unit price of \$9.45 , which was the last bid for the 2nd quarter 2016 .

Hot Mix Asphalt (HMA) \$64.23 per ton

This price decreased \$8.69 per ton from the average unit price of \$72.92 , which was the last bid for the 2nd quarter 2016 .

P.C.C.P. (9"-11" Thick) - \$50.40 per square yard (sy)

This price increased \$2.76 per sy from the average unit price of \$47.64 , which was the last bid for the 2nd quarter 2016 .

Reinforcing Steel (Coated) - \$1.21 per pound (lb)

This price increased \$0.15 per lb from the average unit price of \$1.06 , which was the last bid for the 2nd quarter 2016 .

Structural Steel - \$3.74 per pound (lb)

This price decreased \$6.49 per lb from the average unit price of \$10.23 , which was the last bid for the 2nd quarter 2016 .

Structural Concrete - \$676.13 per cubic yard (cy)

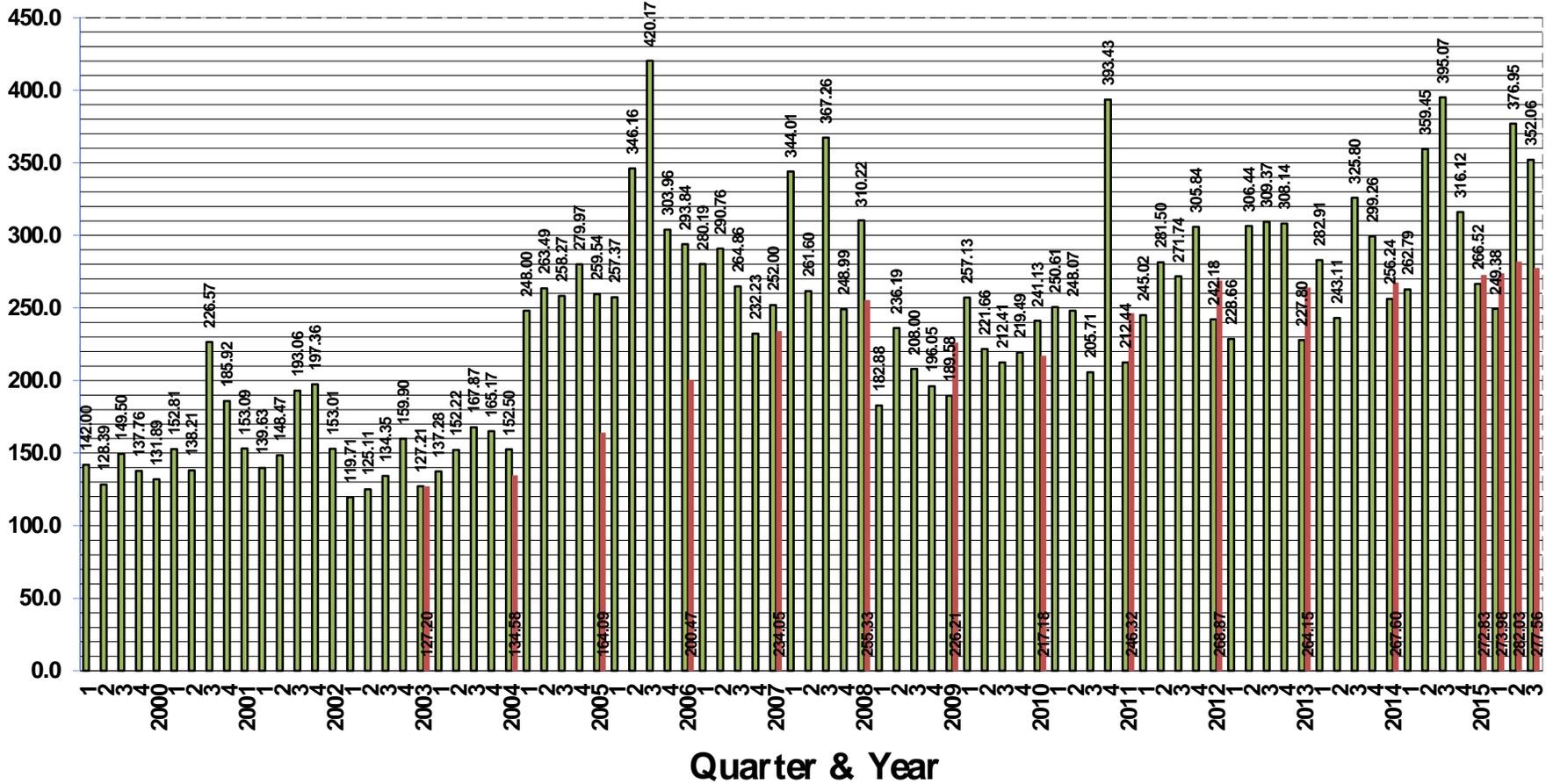
This price increased \$264.90 per cy from the average unit price of \$411.23 , which was the last bid for the 2nd quarter 2016 .

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# COST INDICES

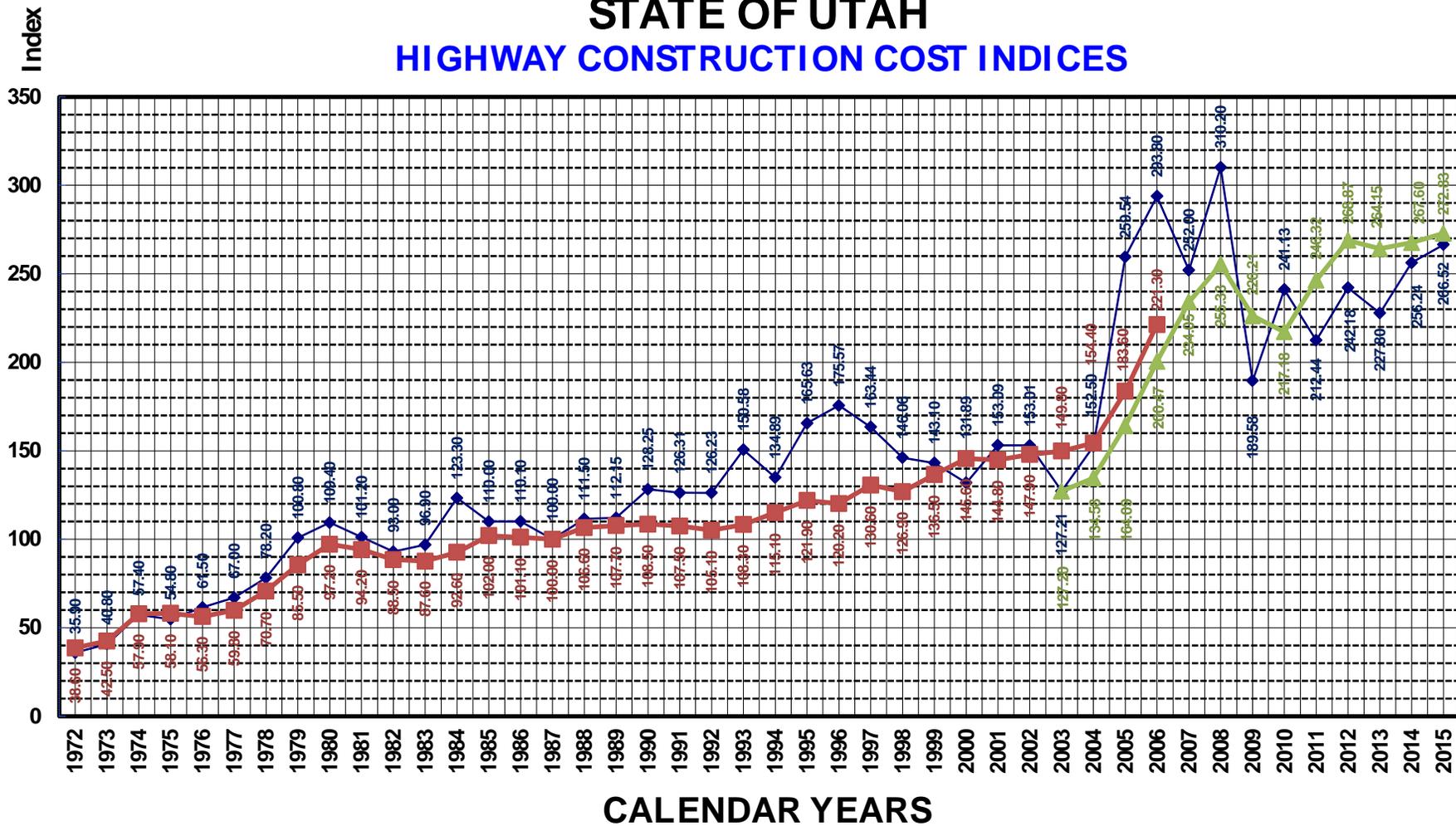
Reflecting Each Quarter and Average for Each Year

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



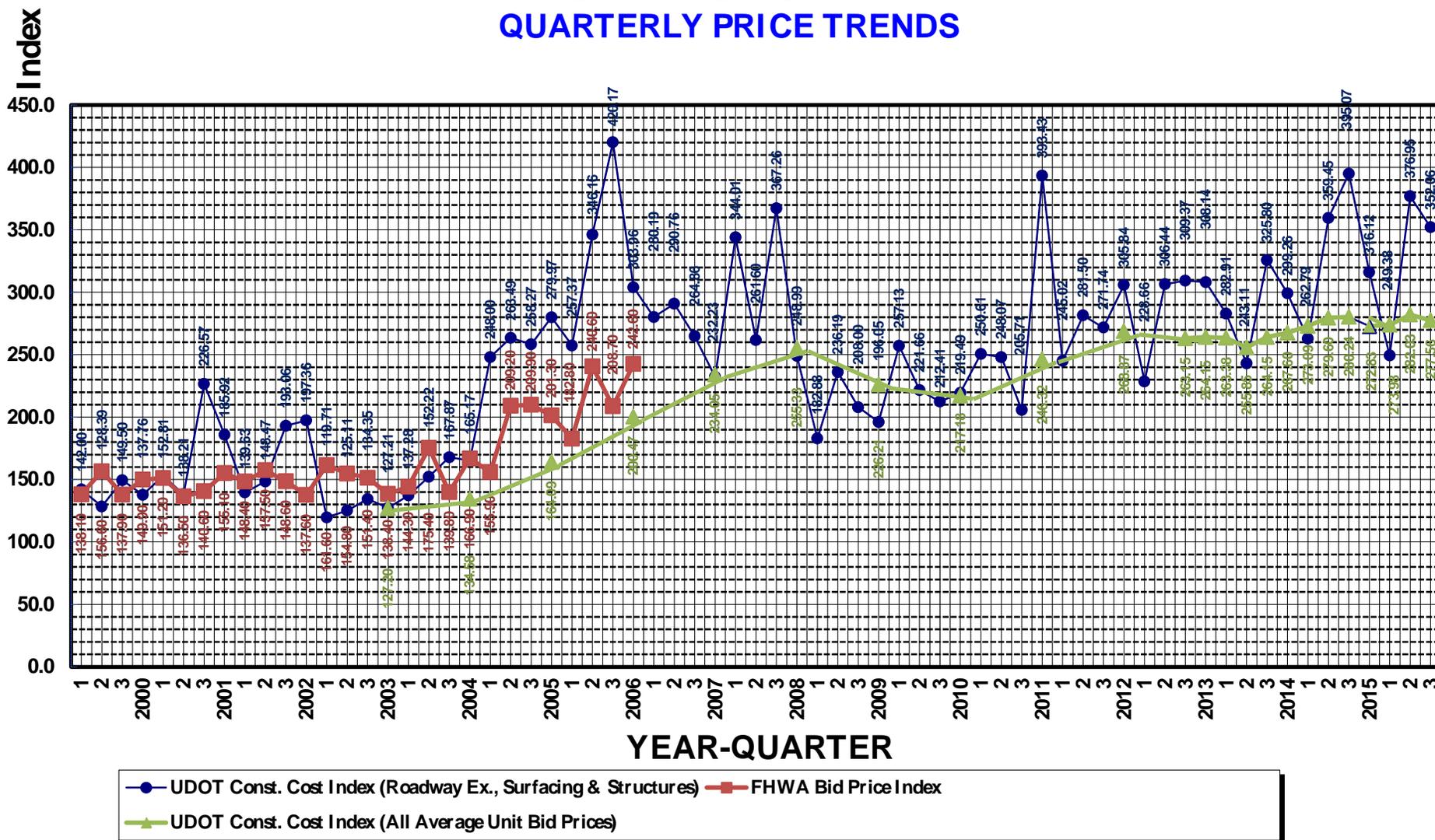
# STATE OF UTAH

## HIGHWAY CONSTRUCTION COST INDICES



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

# 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 3rd Quarter

