

Caltrans Project Delivery Workshop

Project Estimating and Bid Trends

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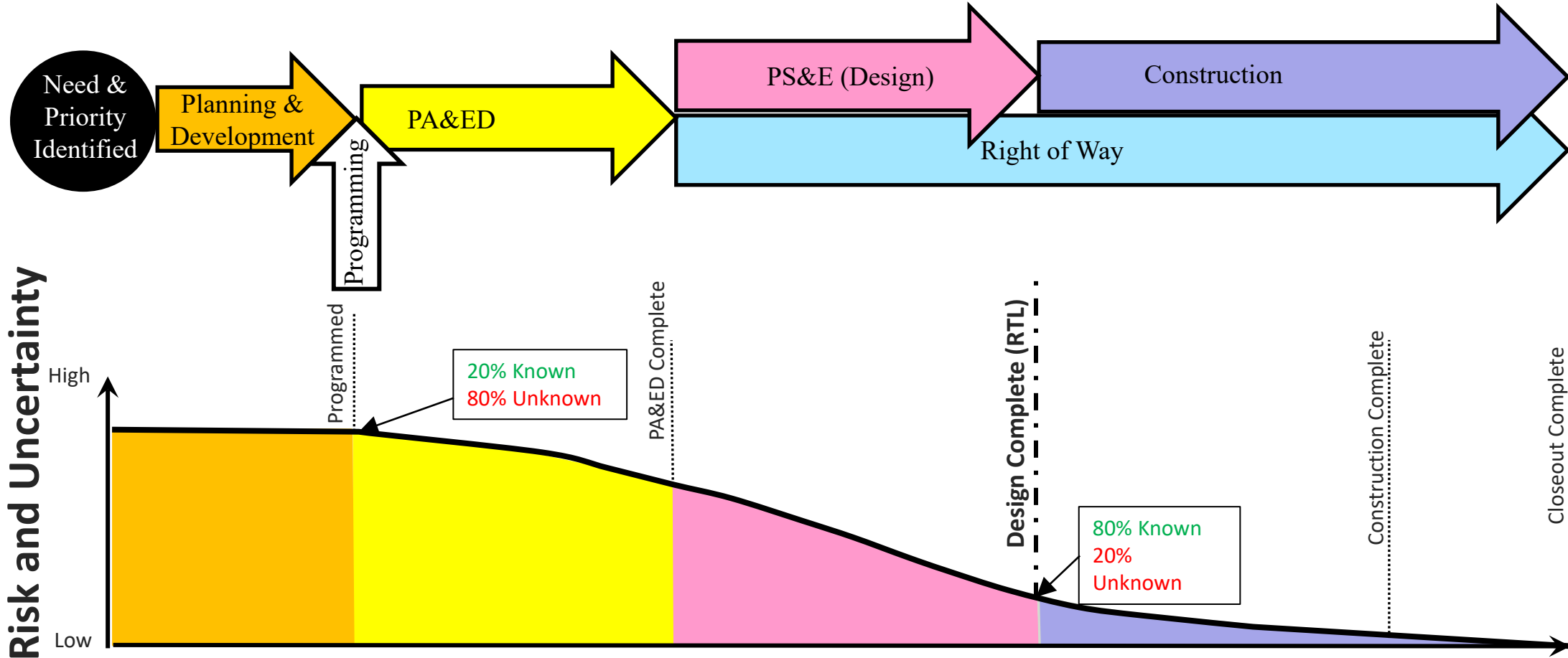
Background

- What is Caltrans trying to achieve with its estimating?
- What are the influences?
- What does Caltrans do to adjust?

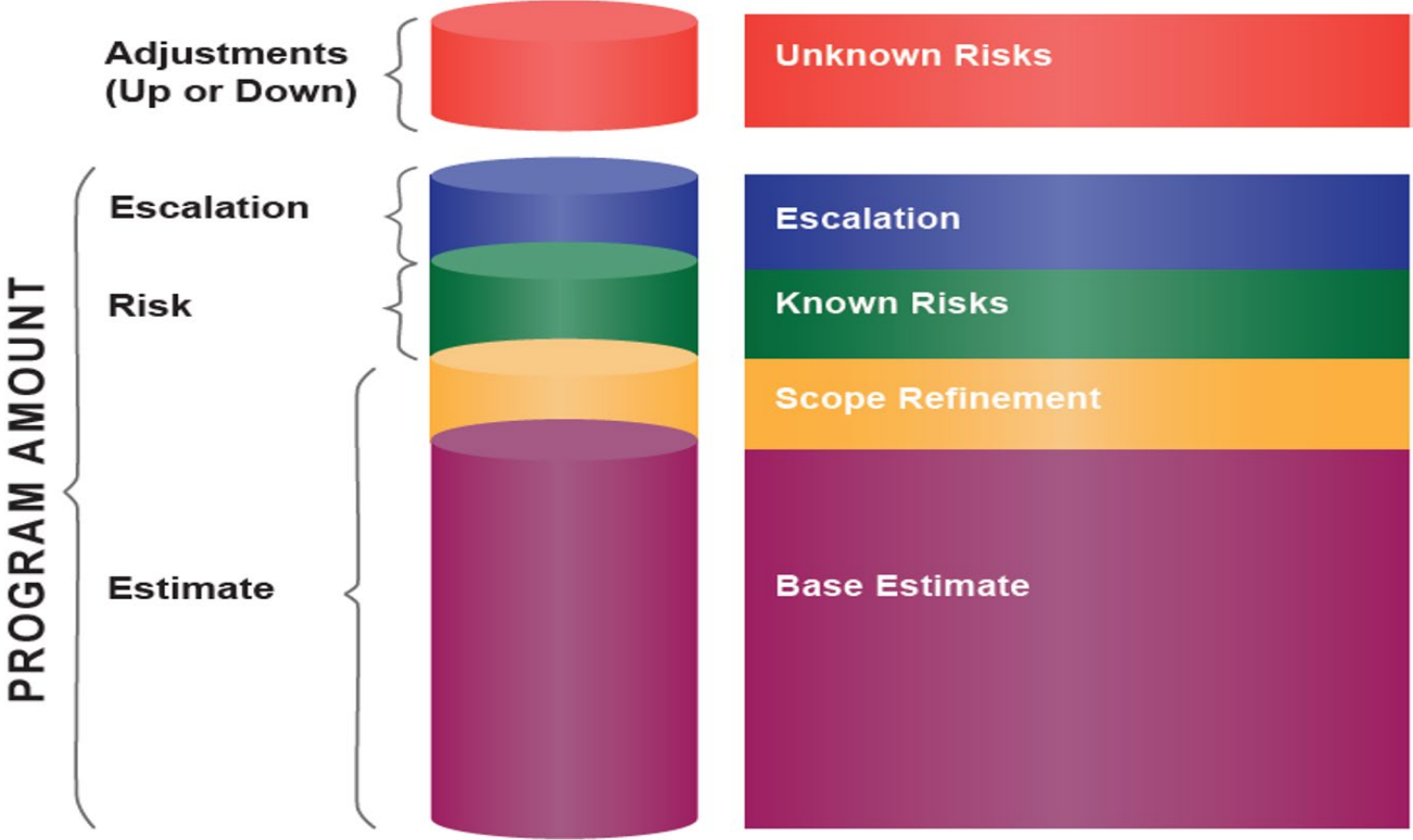
Topics

- Caltrans Estimating process
- Project Timing
- Current Bid Trends

Phases of Project Development



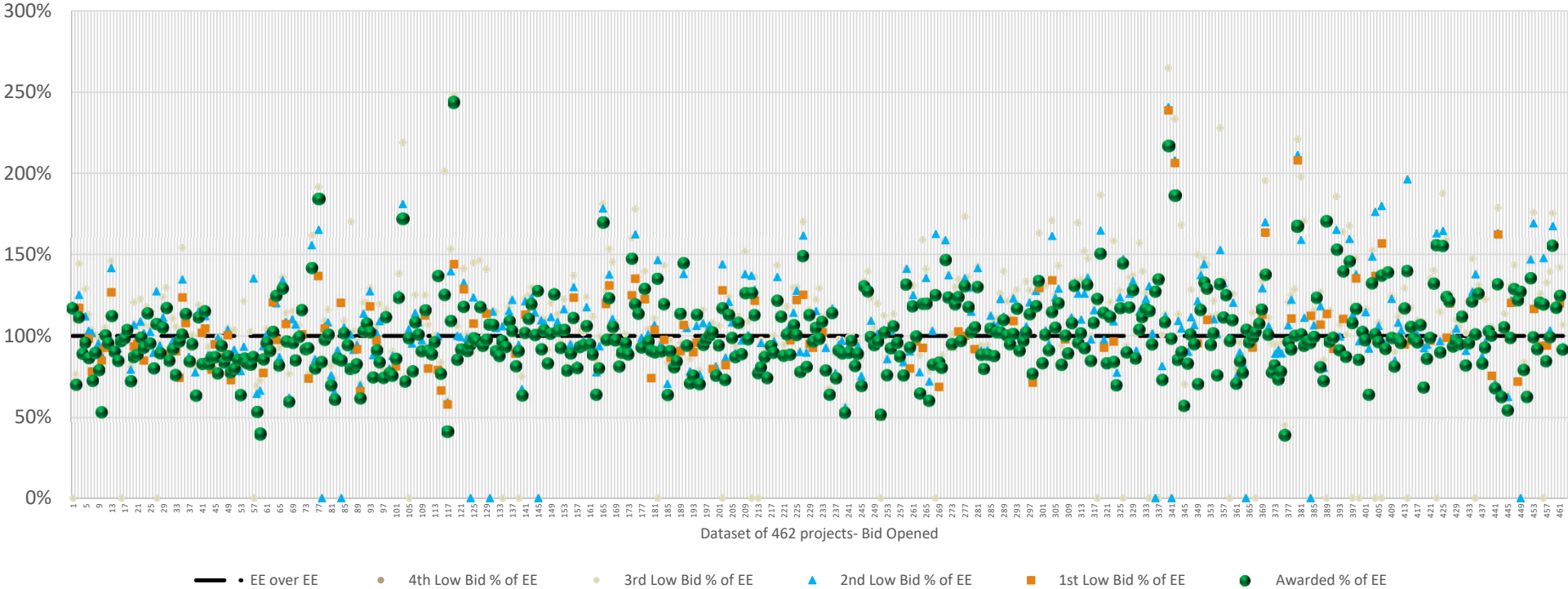
Components of the Estimate



Influences and Impacts

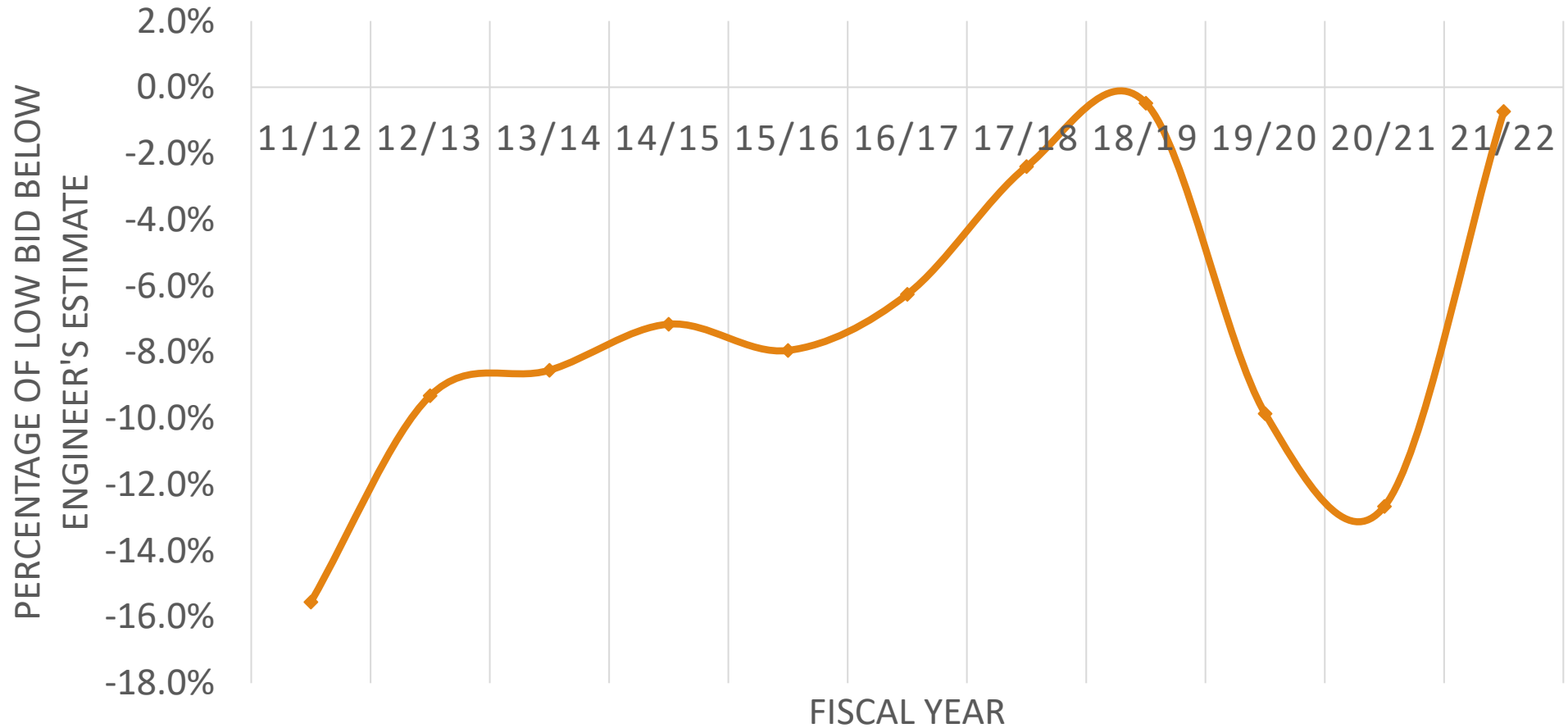
- The trends
- The material costs
- The bidding market
- What are we doing

How do we do?

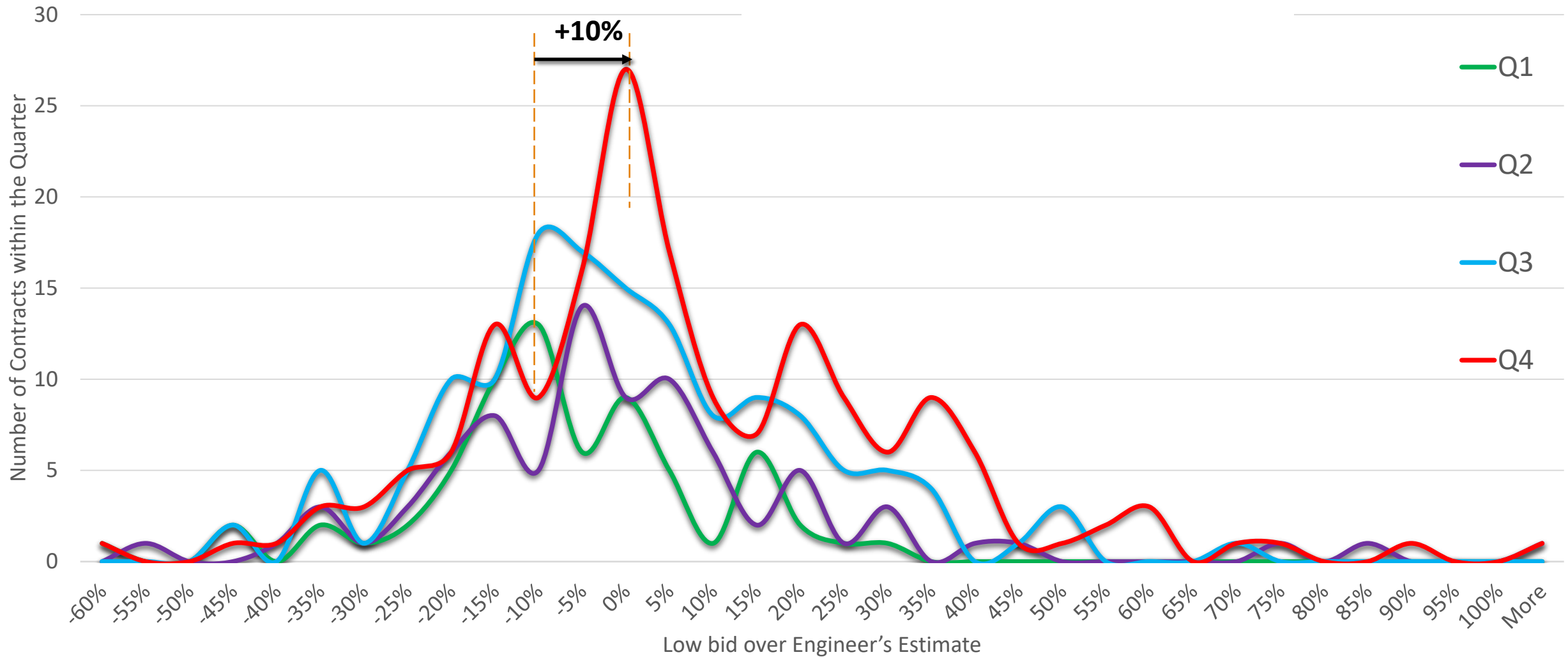


Bid prices are Changing

LOW BID VS ENGINEER'S ESTIMATE

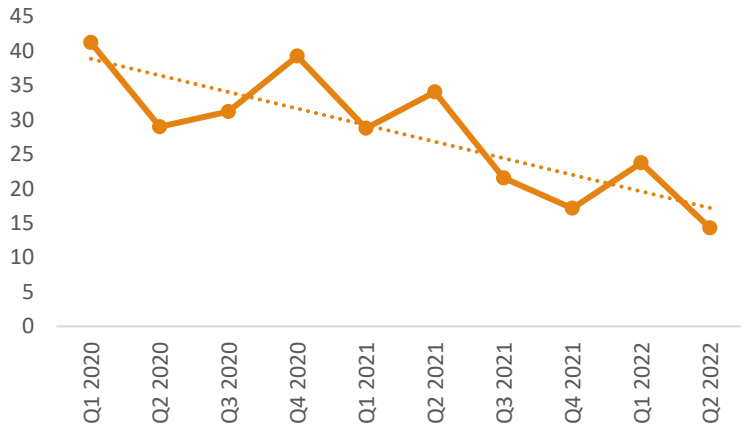


Data shows the shift

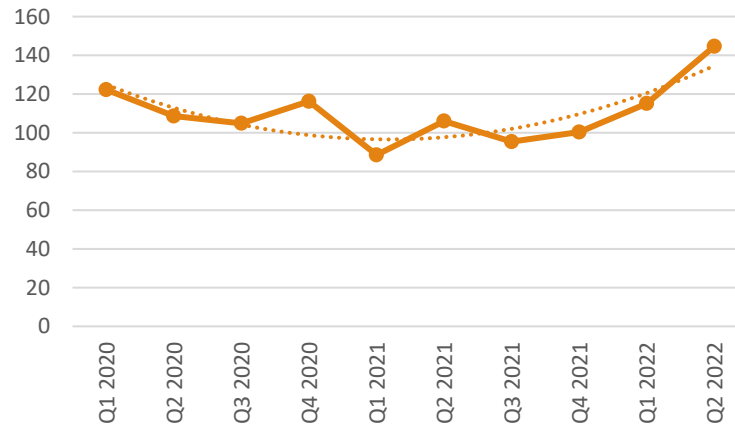


Where are we seeing the changes

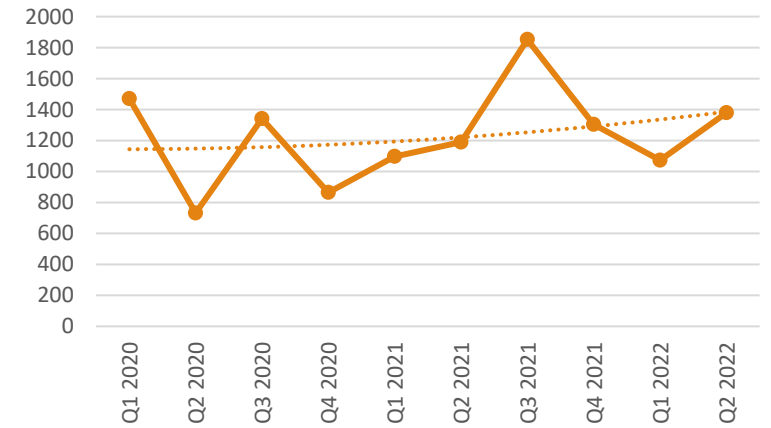
Roadway Excavation \$/CY



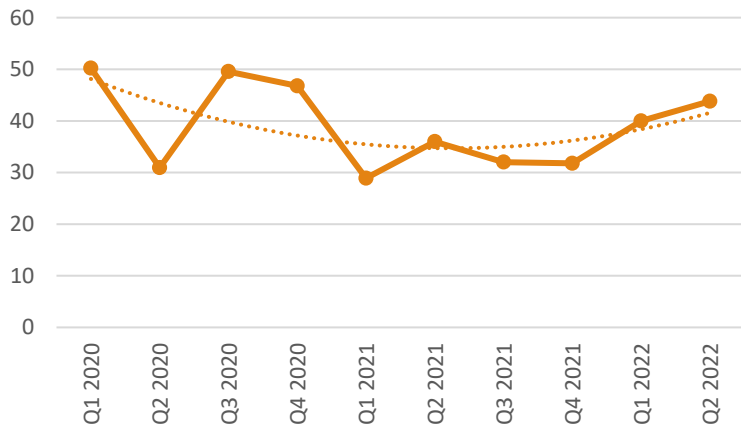
AC Pavement \$/TON



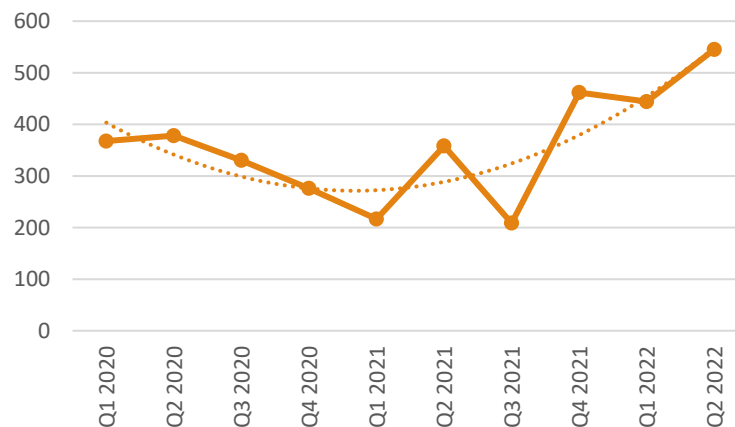
PCC Structure \$/CY



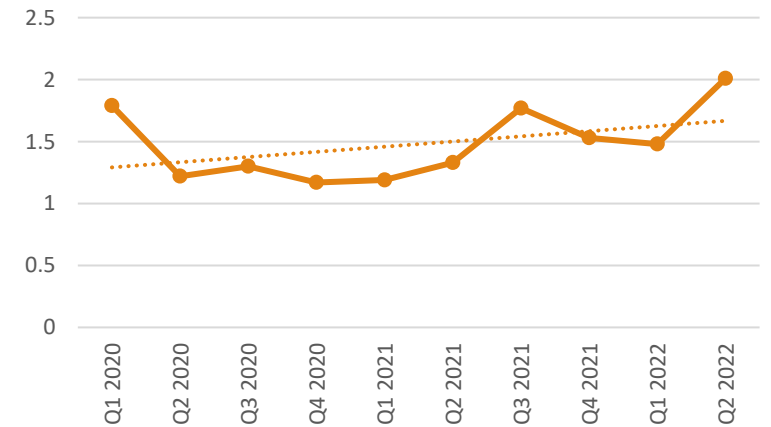
Aggregate Base \$/TON



PCC Pavement \$/CY

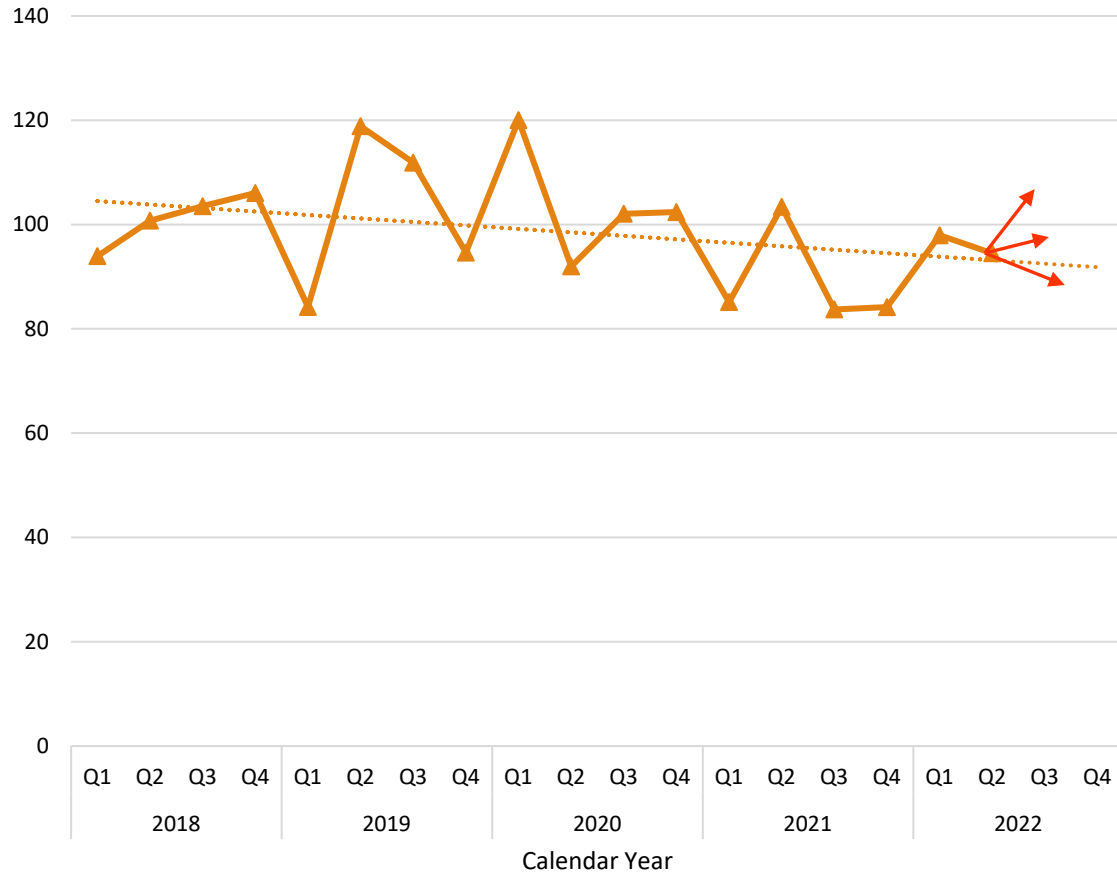


Bar Reinforcing Steel \$/LB

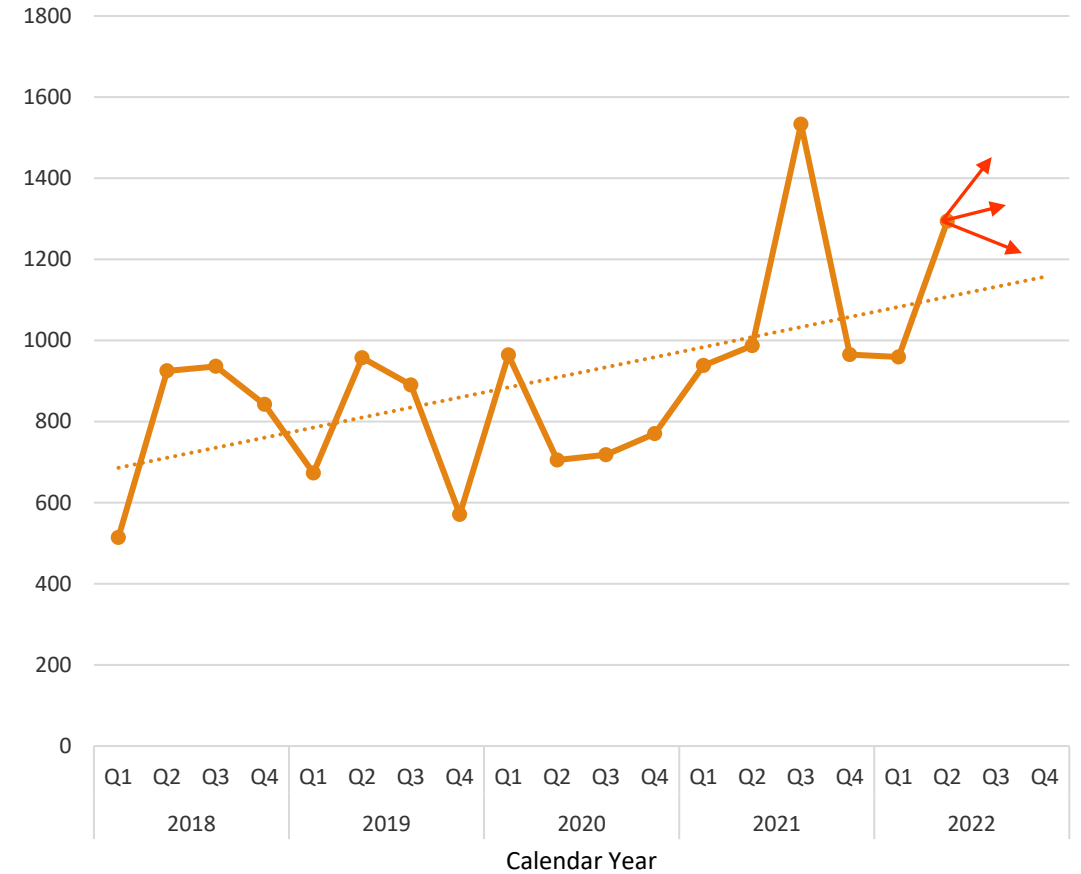


Volatility is difficult to predict

Construction Cost Index

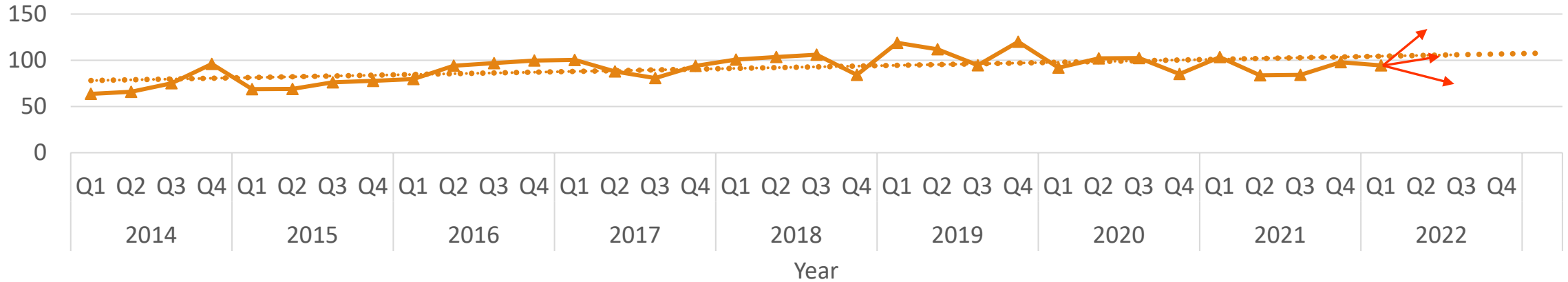


Bridge Cost Index

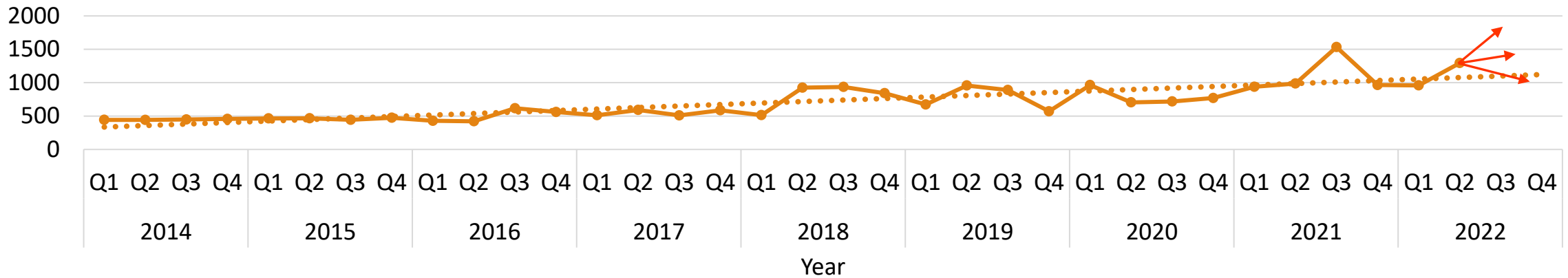


Long term view smooths the spikes

Construction Cost Index

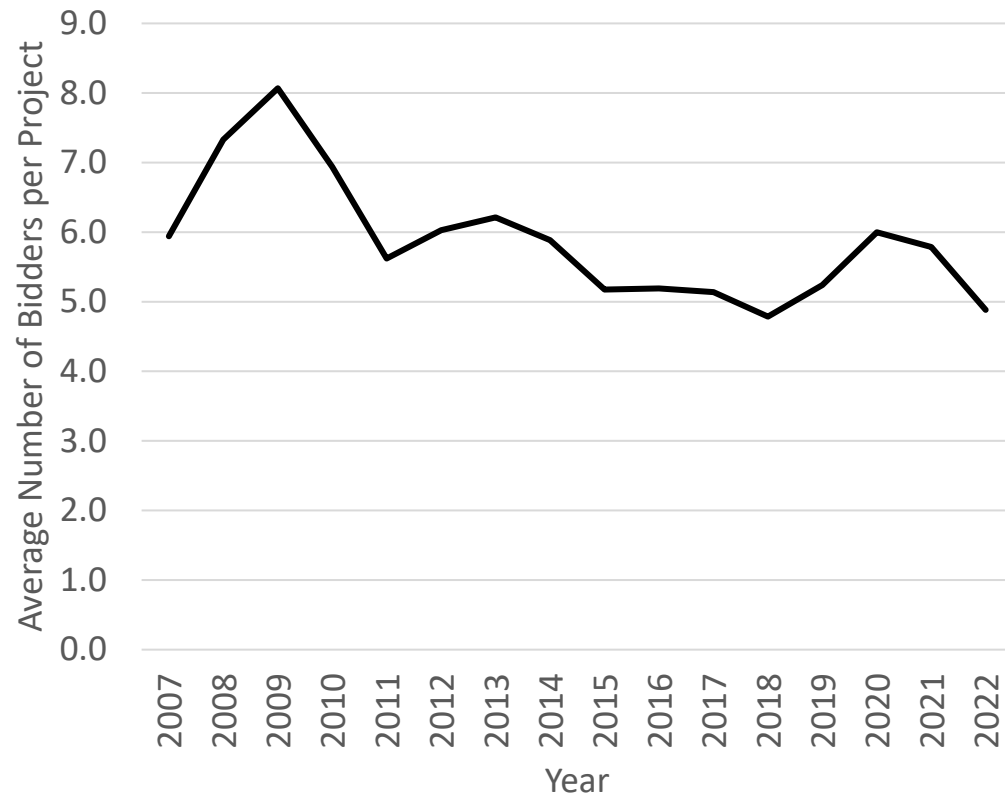


Bridge Cost Index

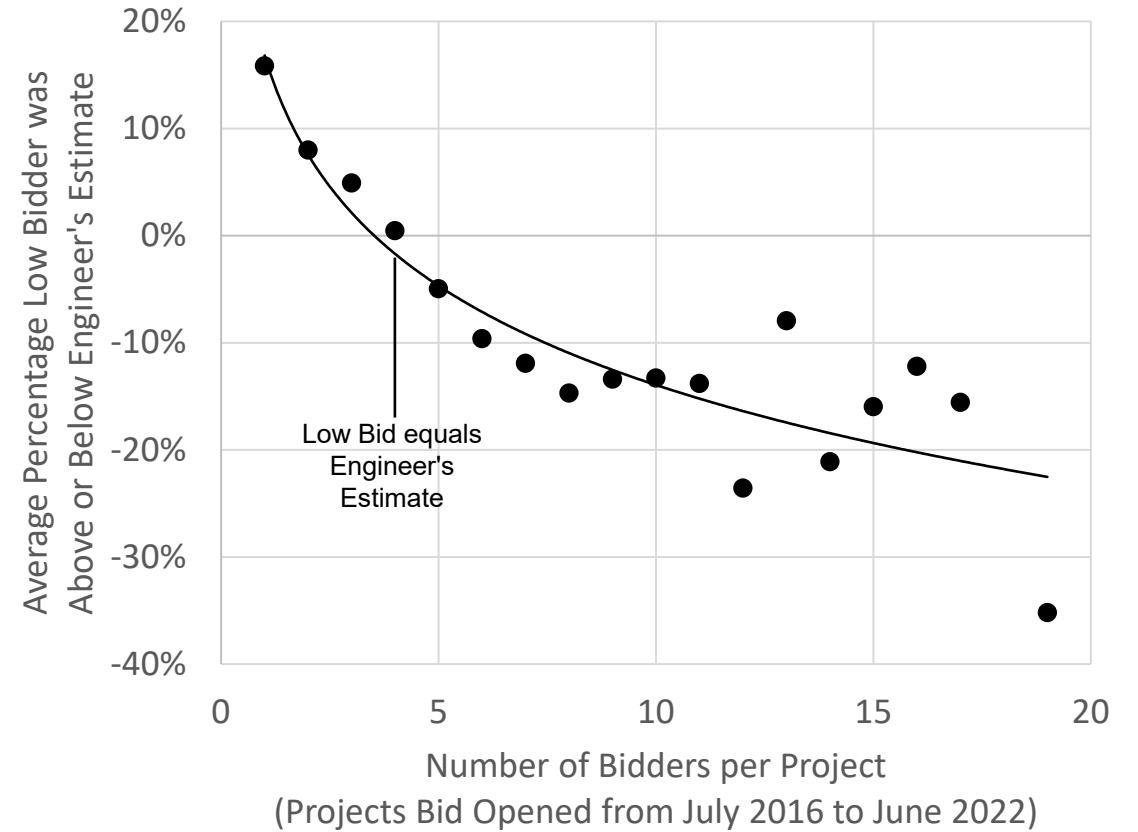


Keys to Favorable Bidding

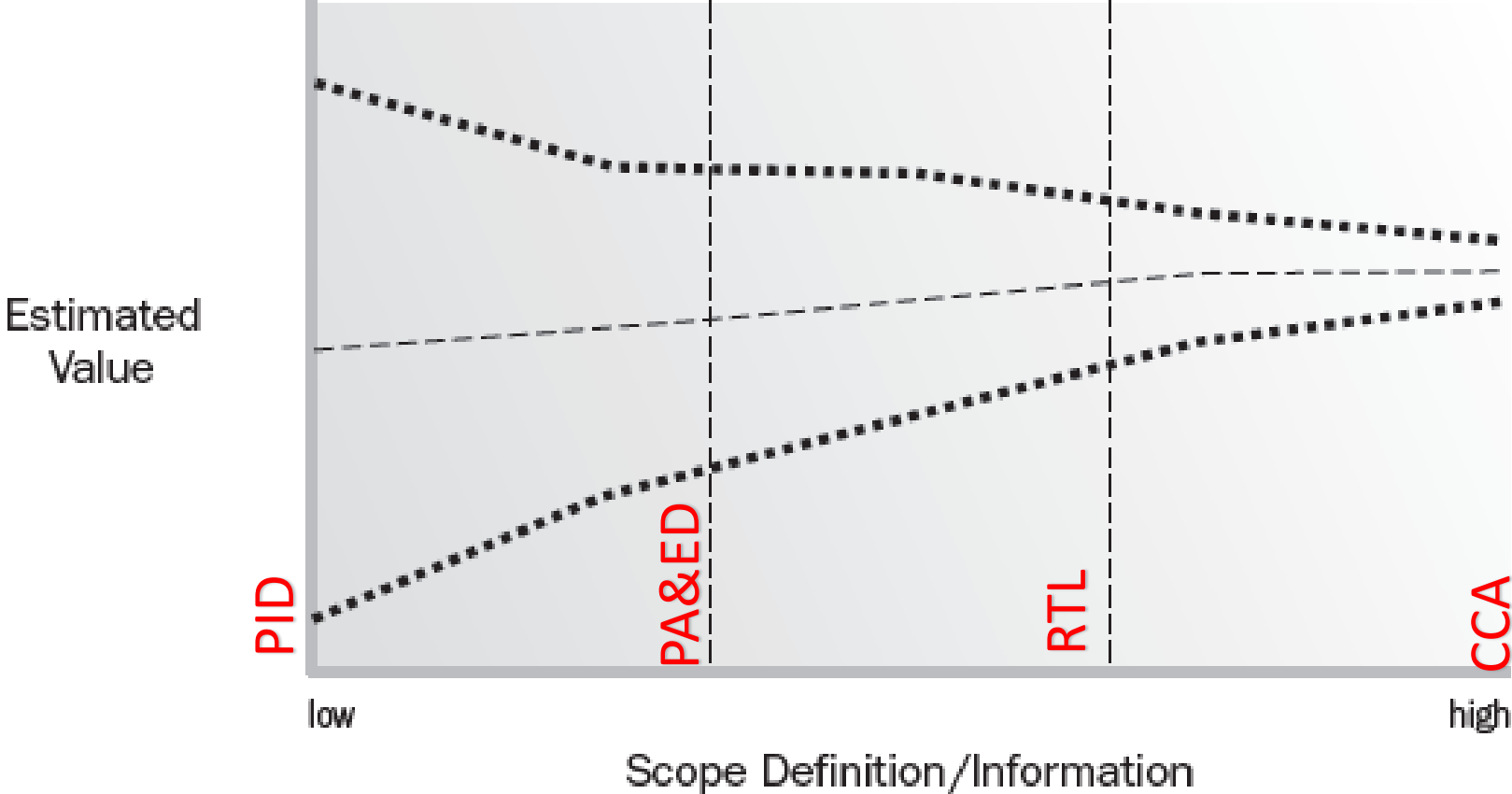
Average Number of Bidders per Project



Low Bidder Above or Below Estimate vs. Number of Bidders



Evolution of Certainty



THANK YOU

