

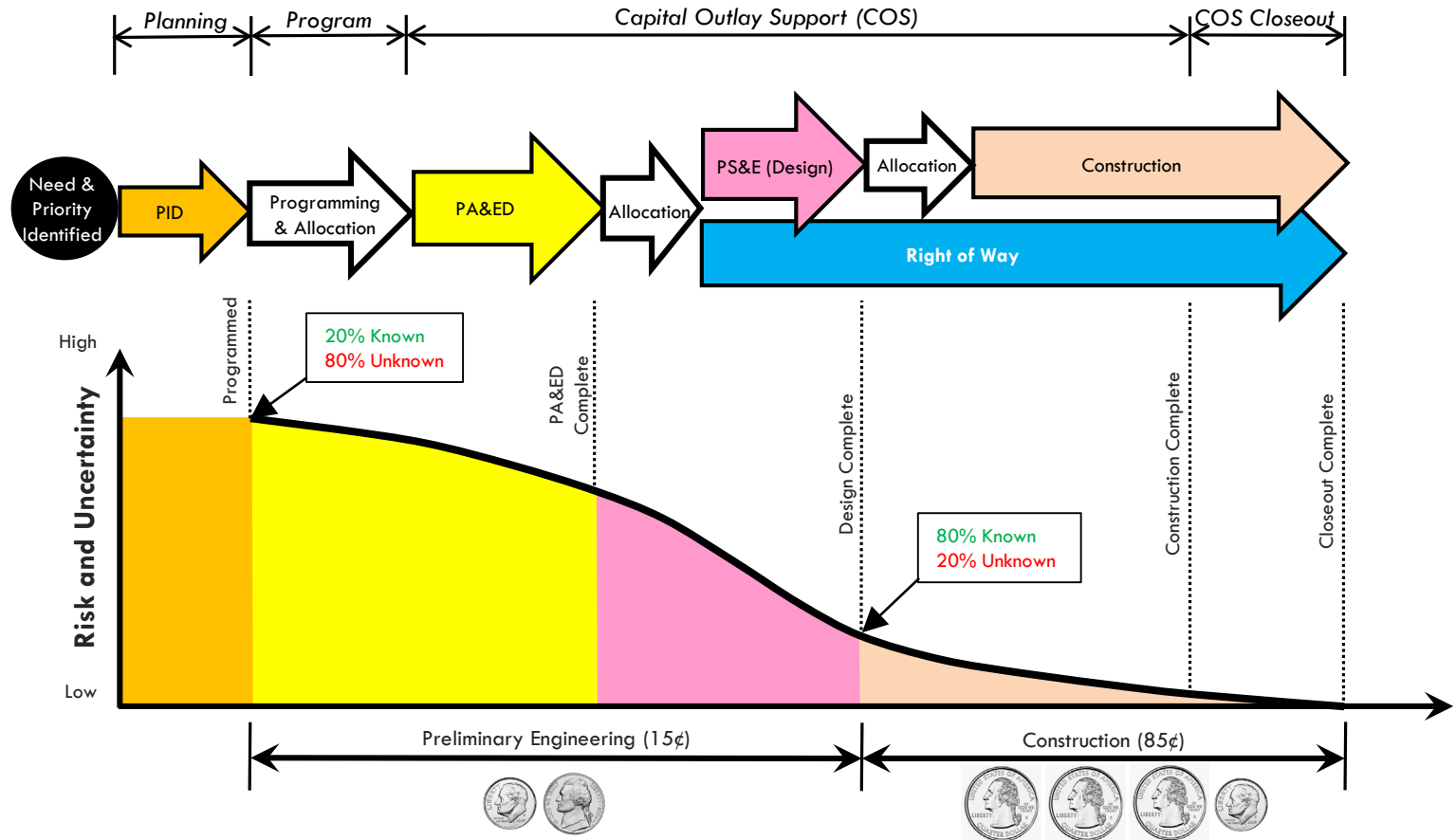


Tab 47

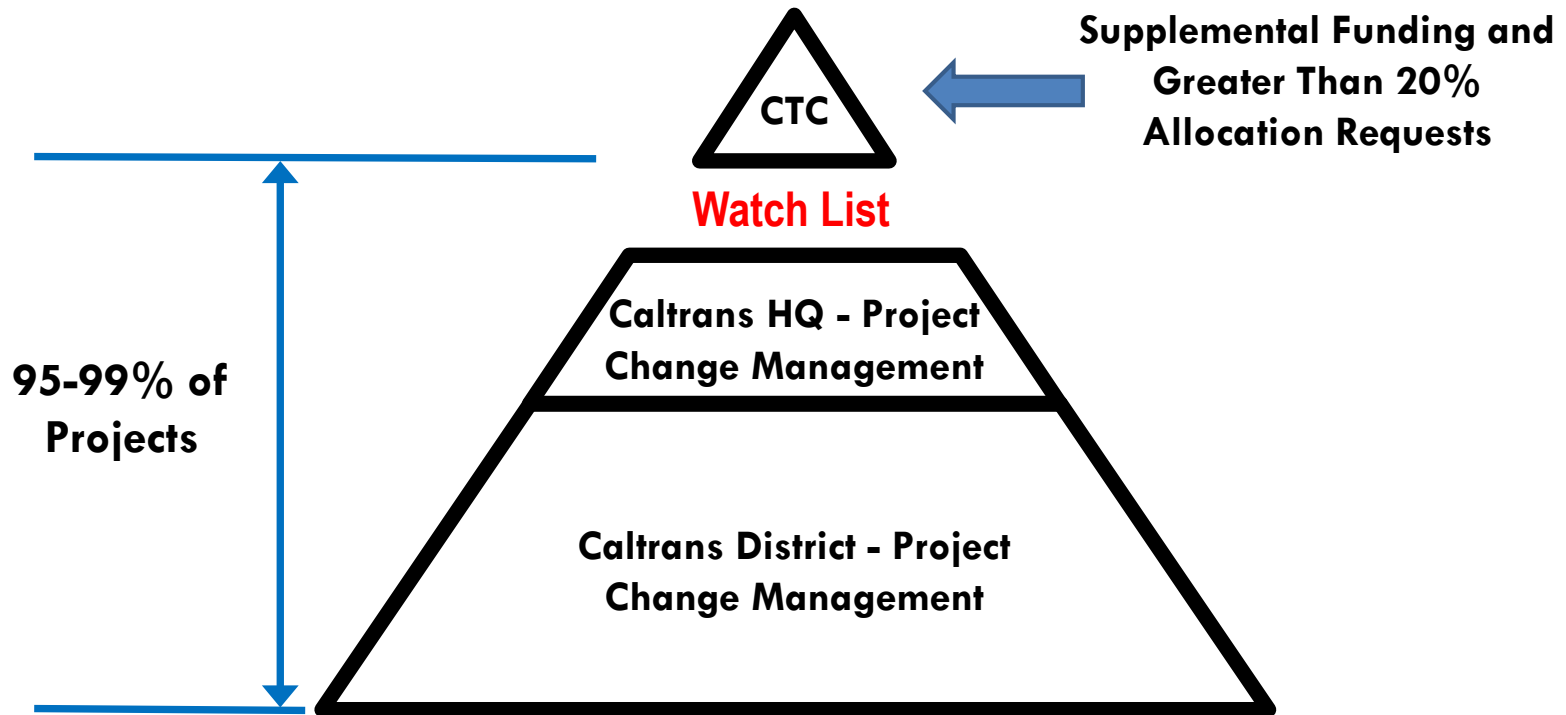
Project Delivery Update

by Mike Keever

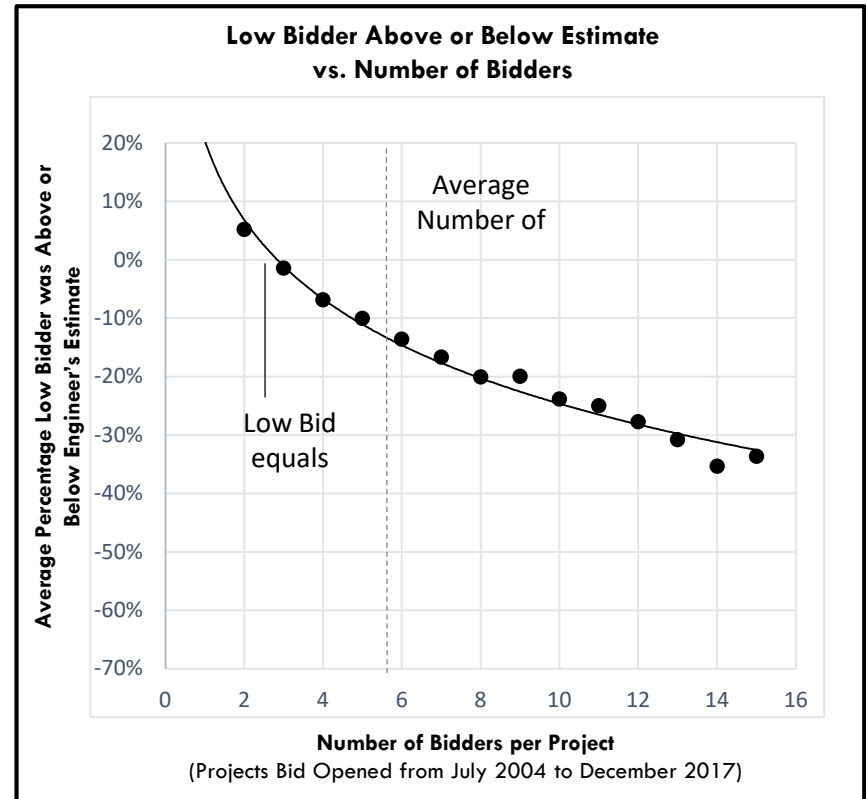
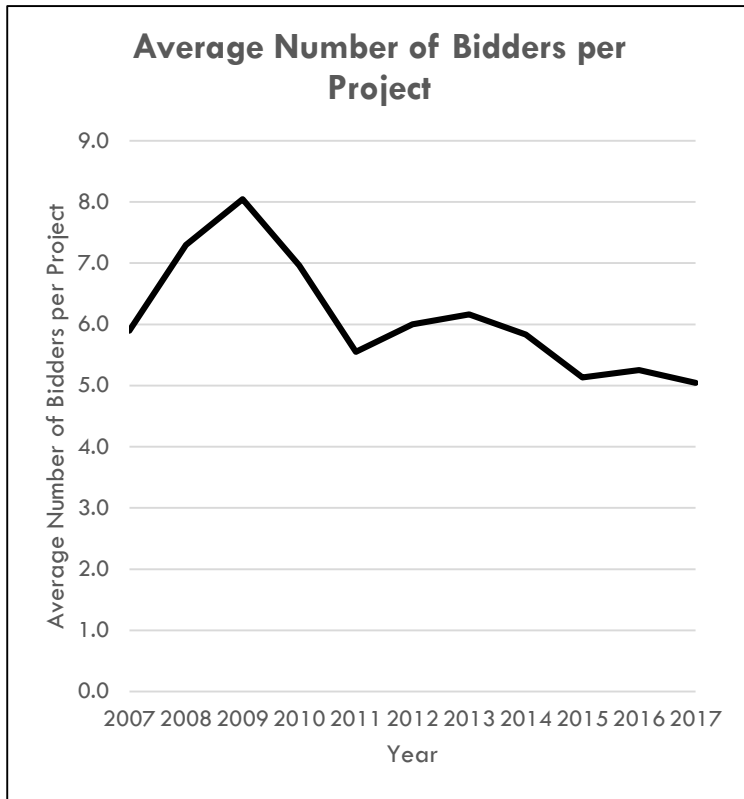
Phases of Project Development



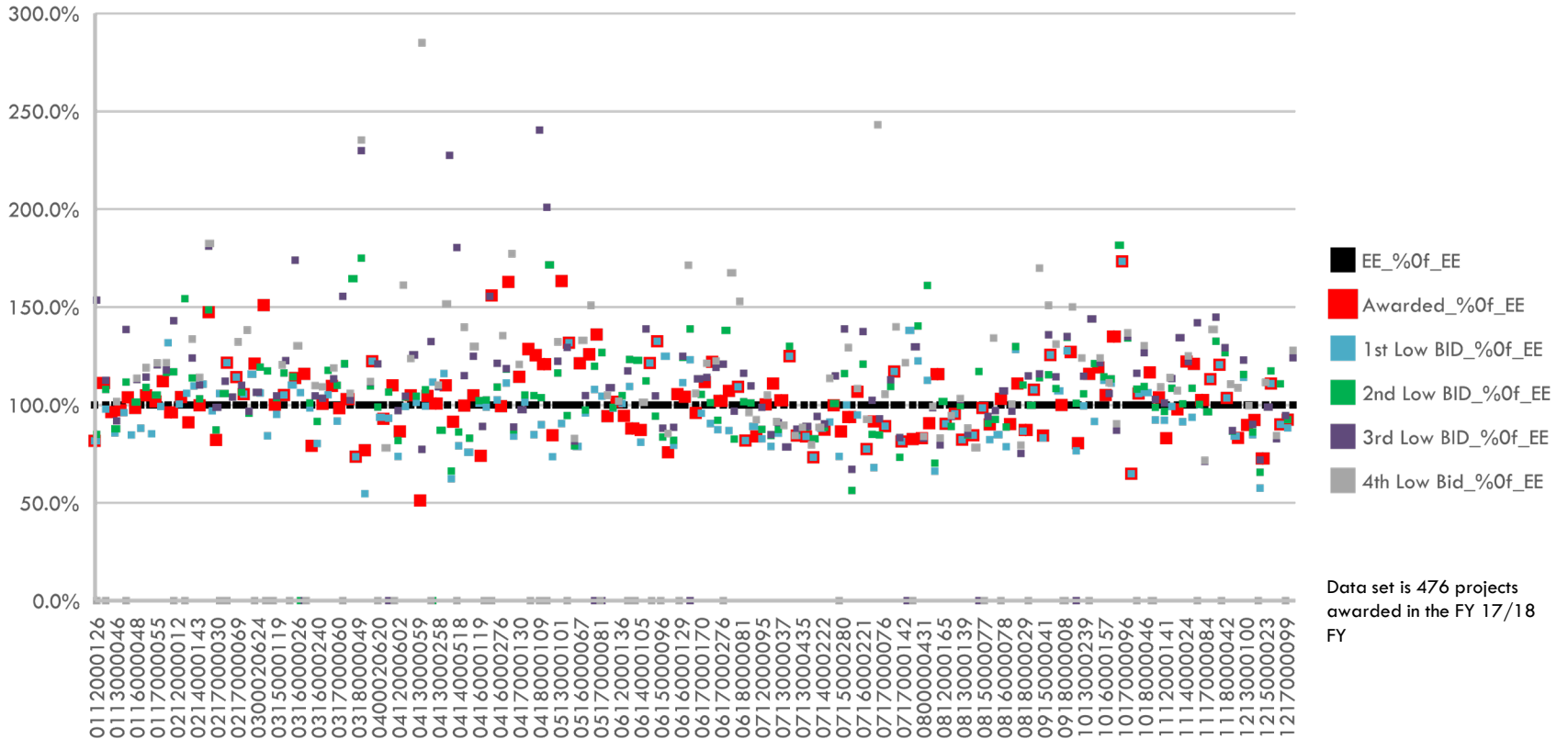
Project Cost Risk Management



More Bidders Equals Lower Costs

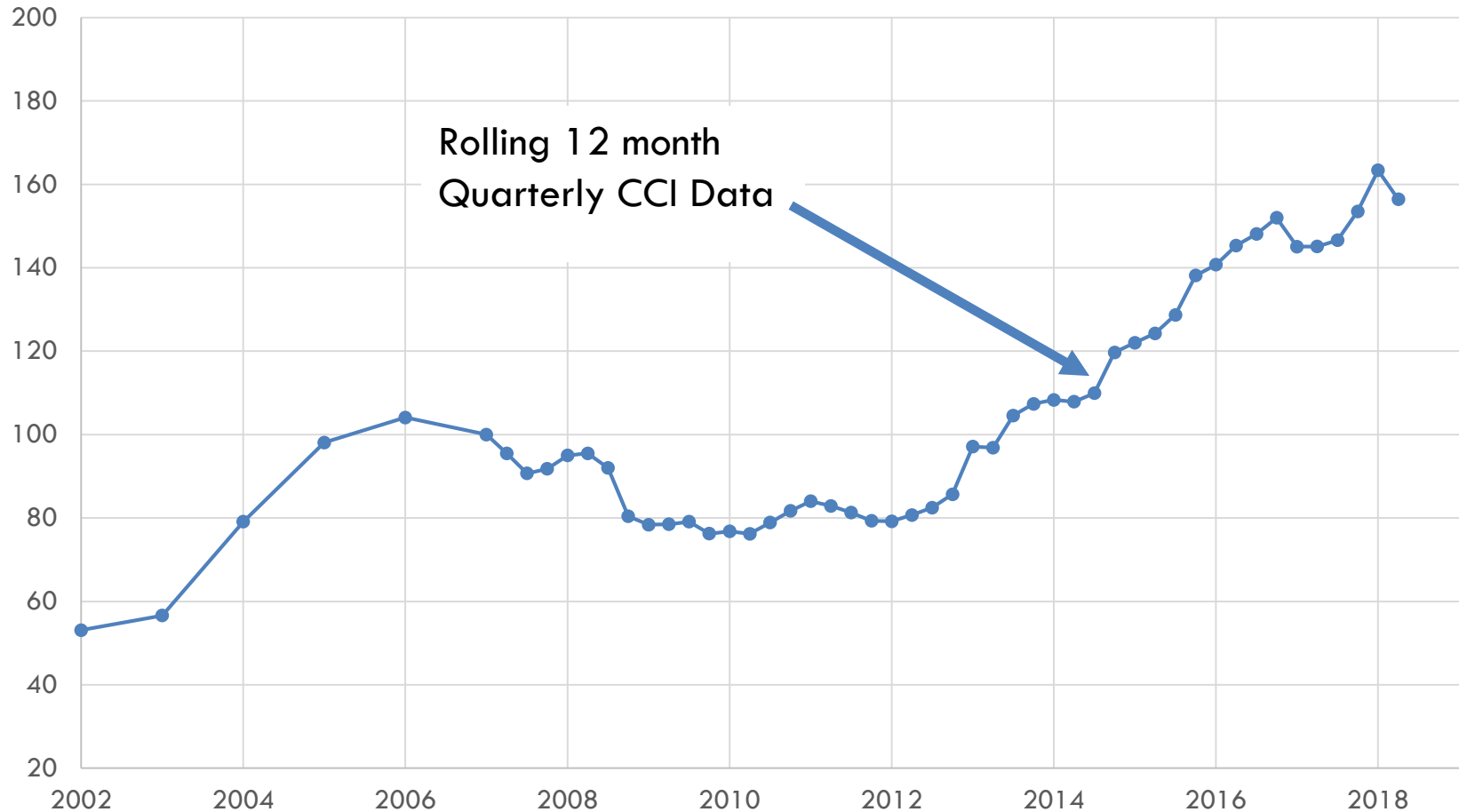


FY 17/18 BID RESULTS AND AWARDED PRICE AS % OF EE



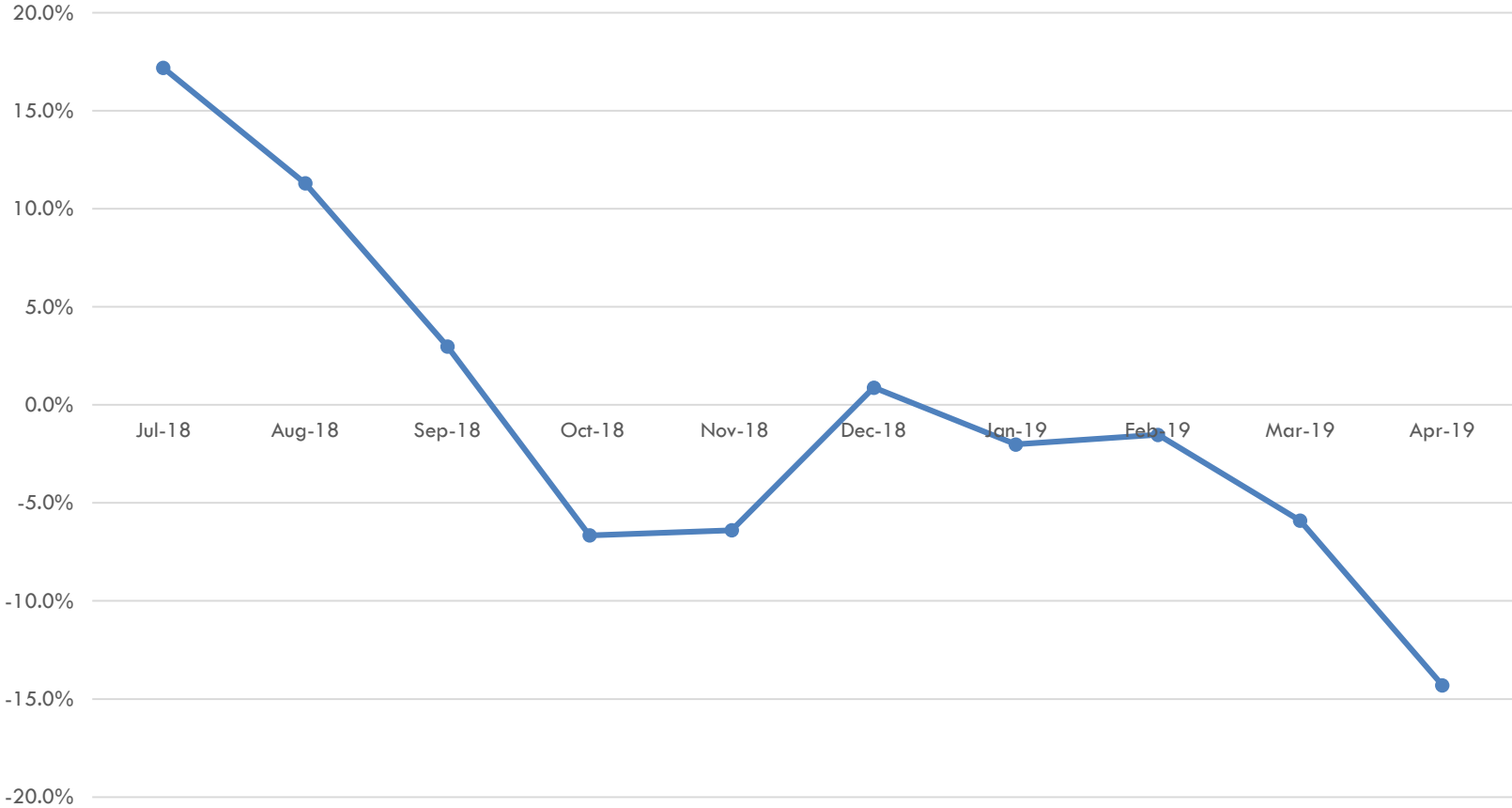
Bidding Environment

Construction Cost Index (2002 through 2019)



Bidding Environment Through April 2019

LowBid vs Engineer's Estimate
(Monthly Tracking FY 18/19)

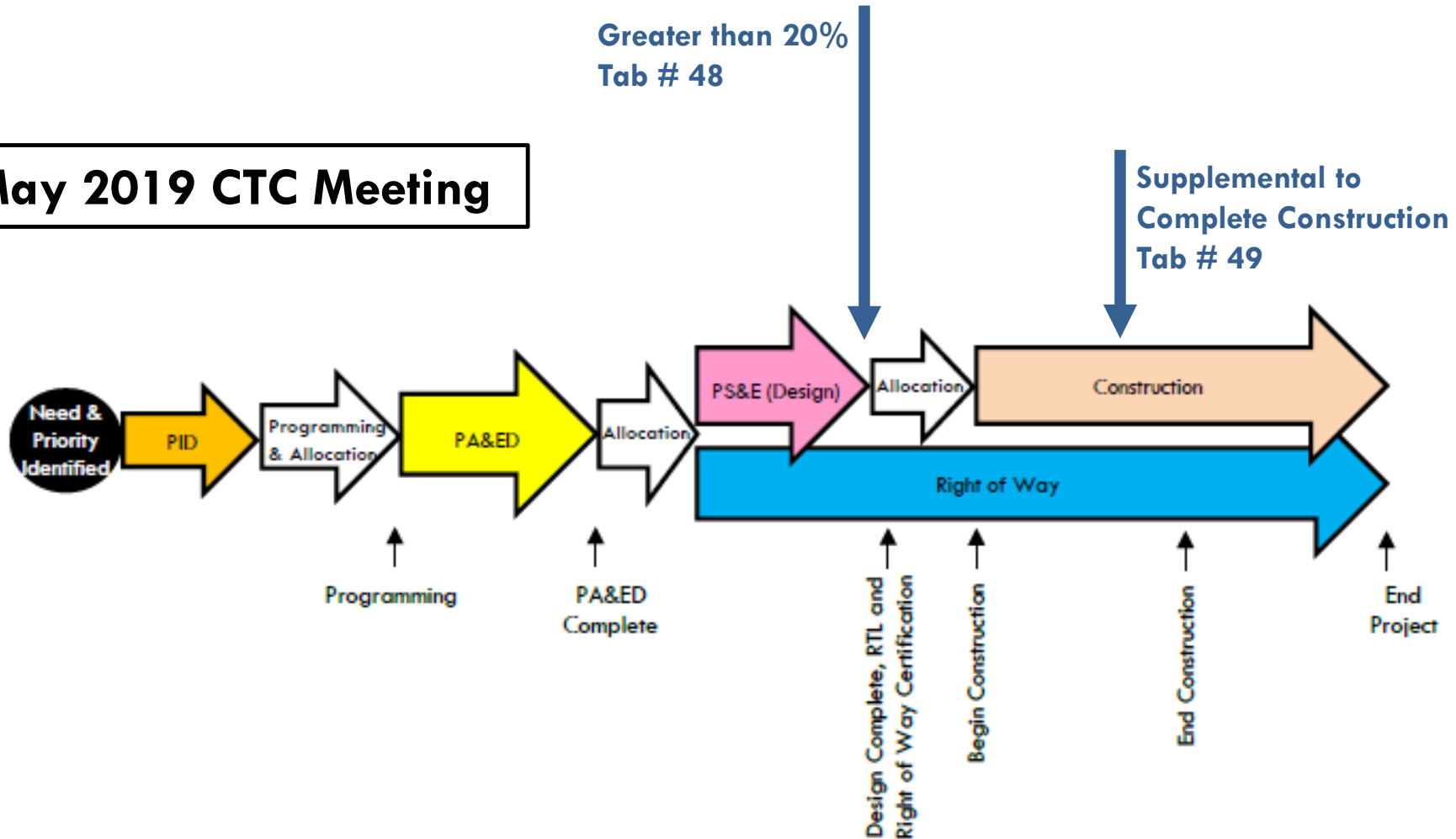


Cost Estimating Improvement Initiative

- Improved Estimating Tools
- Identification of Best Practices
- Quantification of Risk
- Training
- Business Intelligence
- Construction Cost Escalation Study

Supplemental and “Greater than 20%” Allocations

May 2019 CTC Meeting



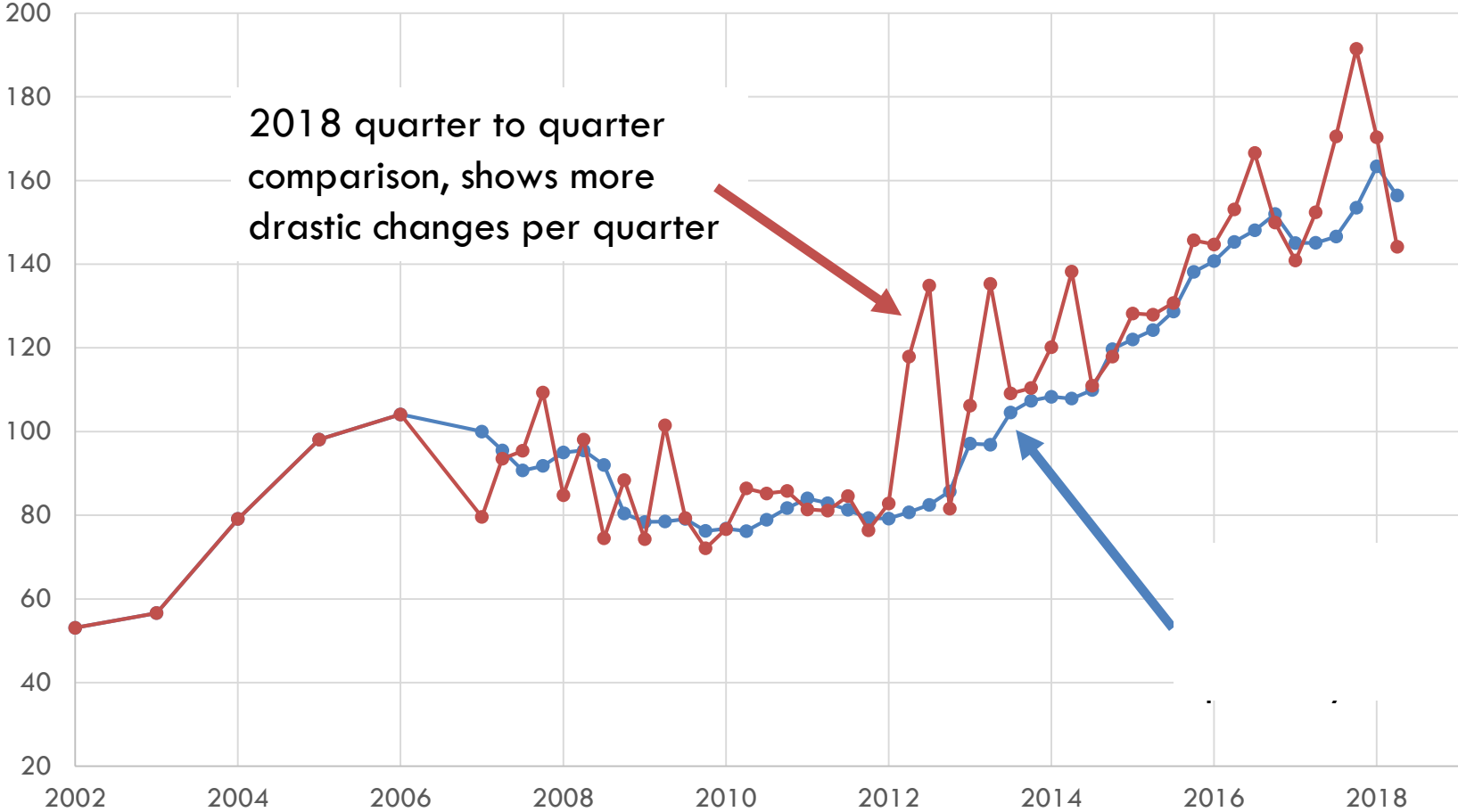


Caltrans[®]

Thank You

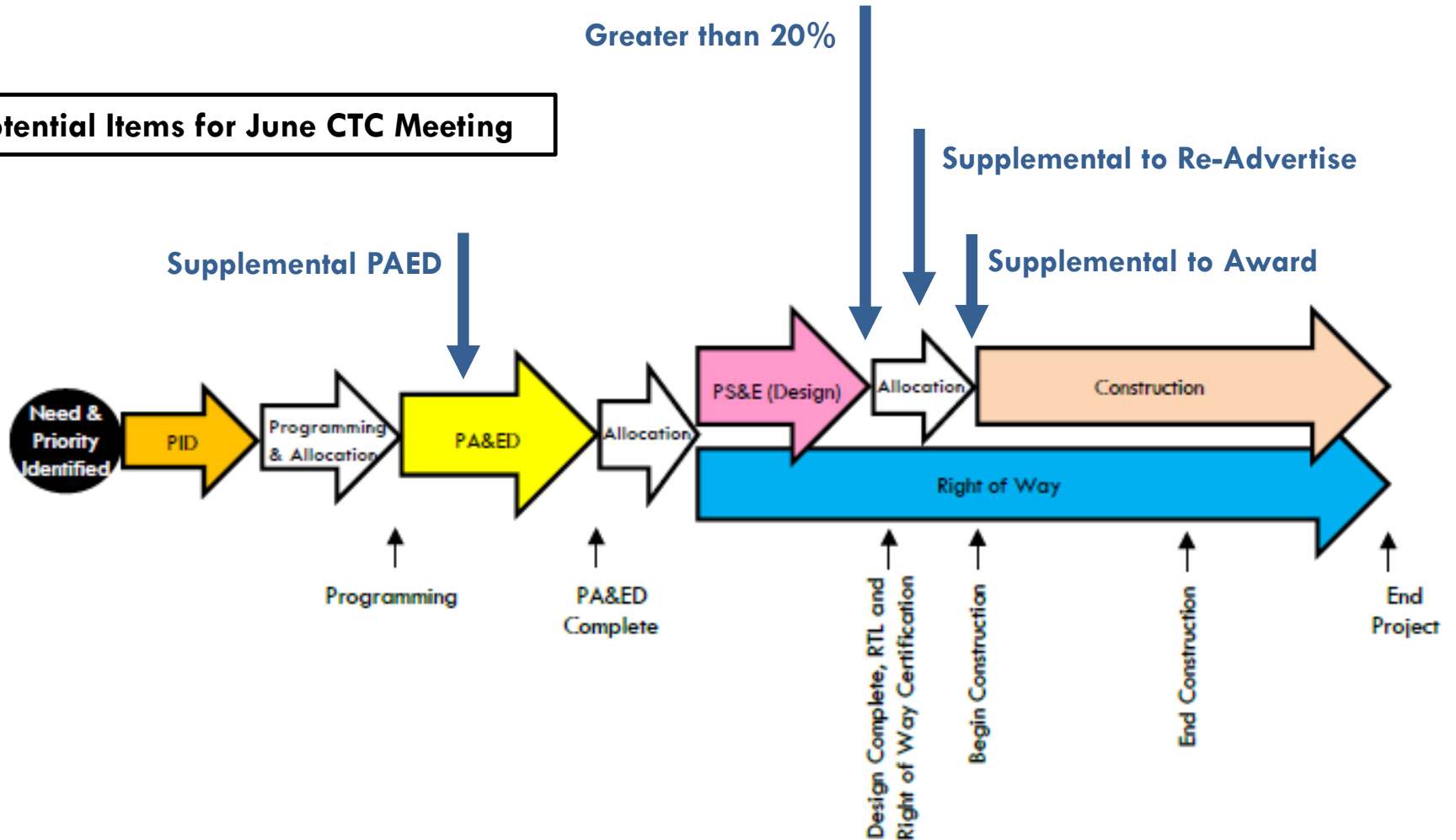
Bidding Environment

Construction Cost Index (2002 through 2019)



Supplemental and “Greater than 20%” Allocations

Potential Items for June CTC Meeting

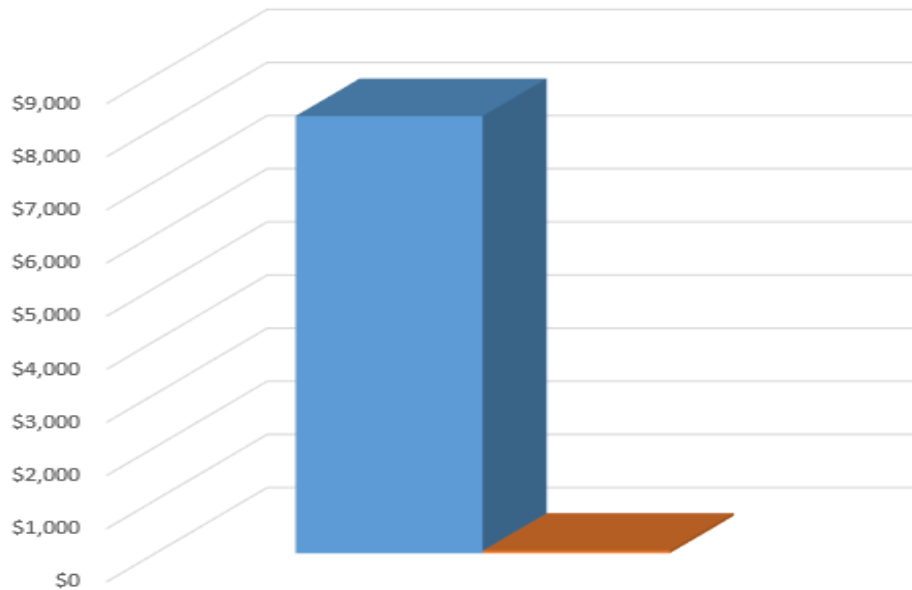


Five-Year Greater Than 120% vs Awarded FYs 13/14 to 17/18

Five-Year Greater Than 120% Construction Capital vs Construction Contracts Awarded

Construction Contracts Awarded ¹ (Millions)	Greater Than 120%- Construction Capital ² (Millions)	Ratio
\$8,227.38	\$49.35	0.60%

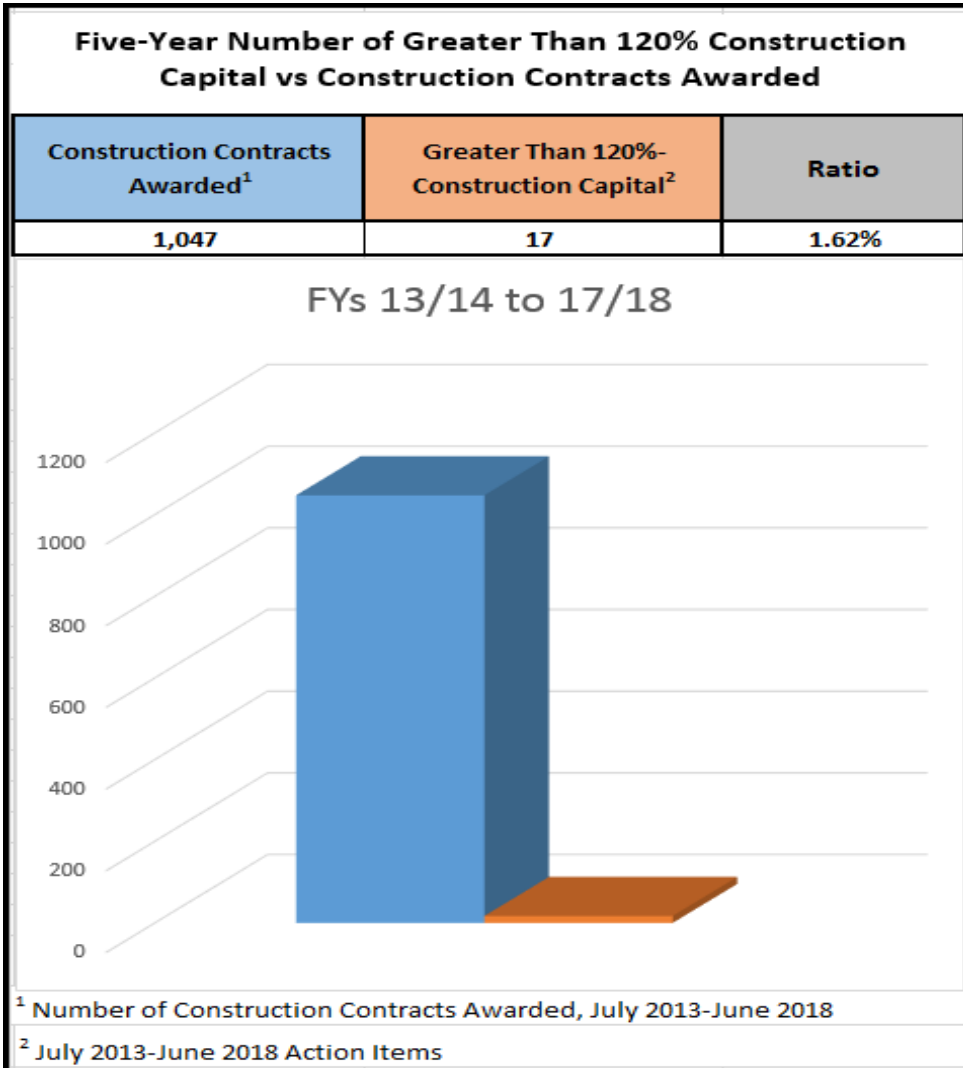
FYs 13/14 to 17/18, (\$Millions)



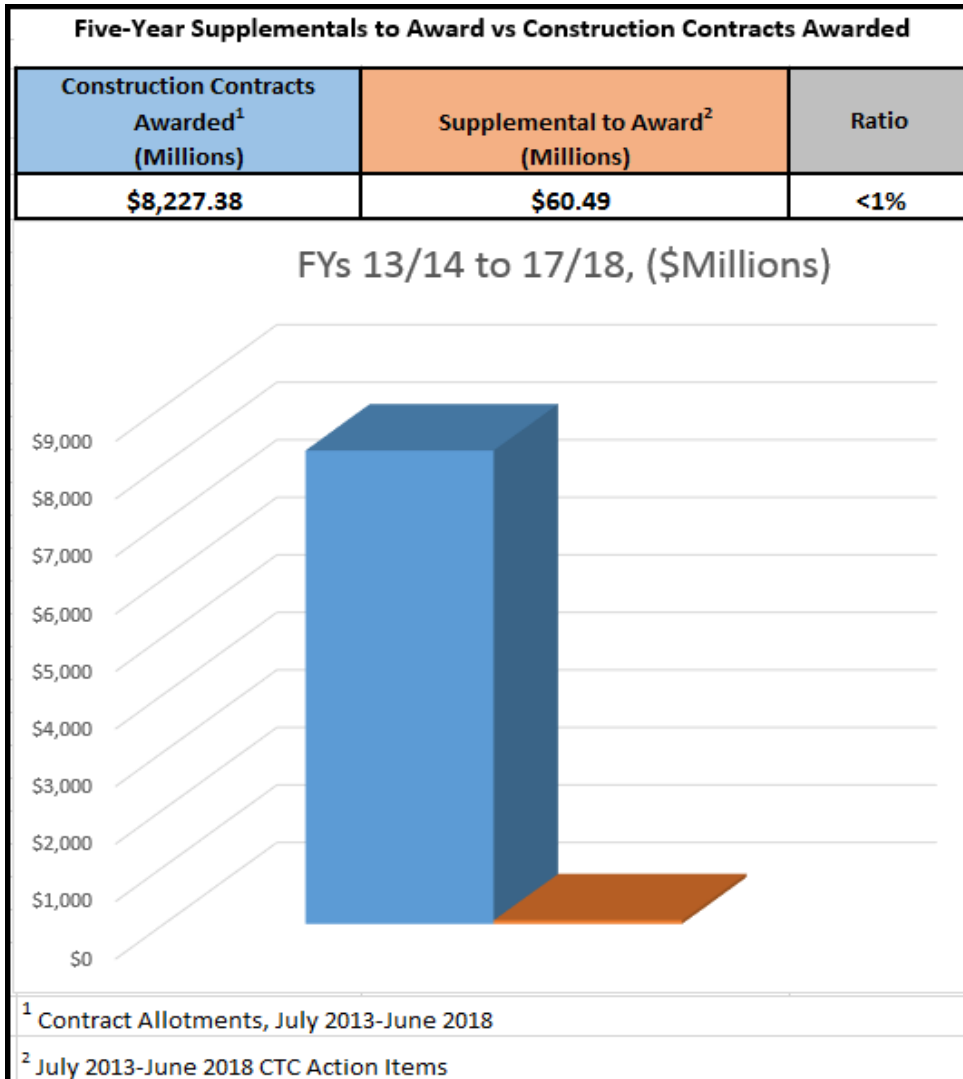
¹ Contract Allotments, July 2013-June 2018

² July 2013-June 2018 Action Items

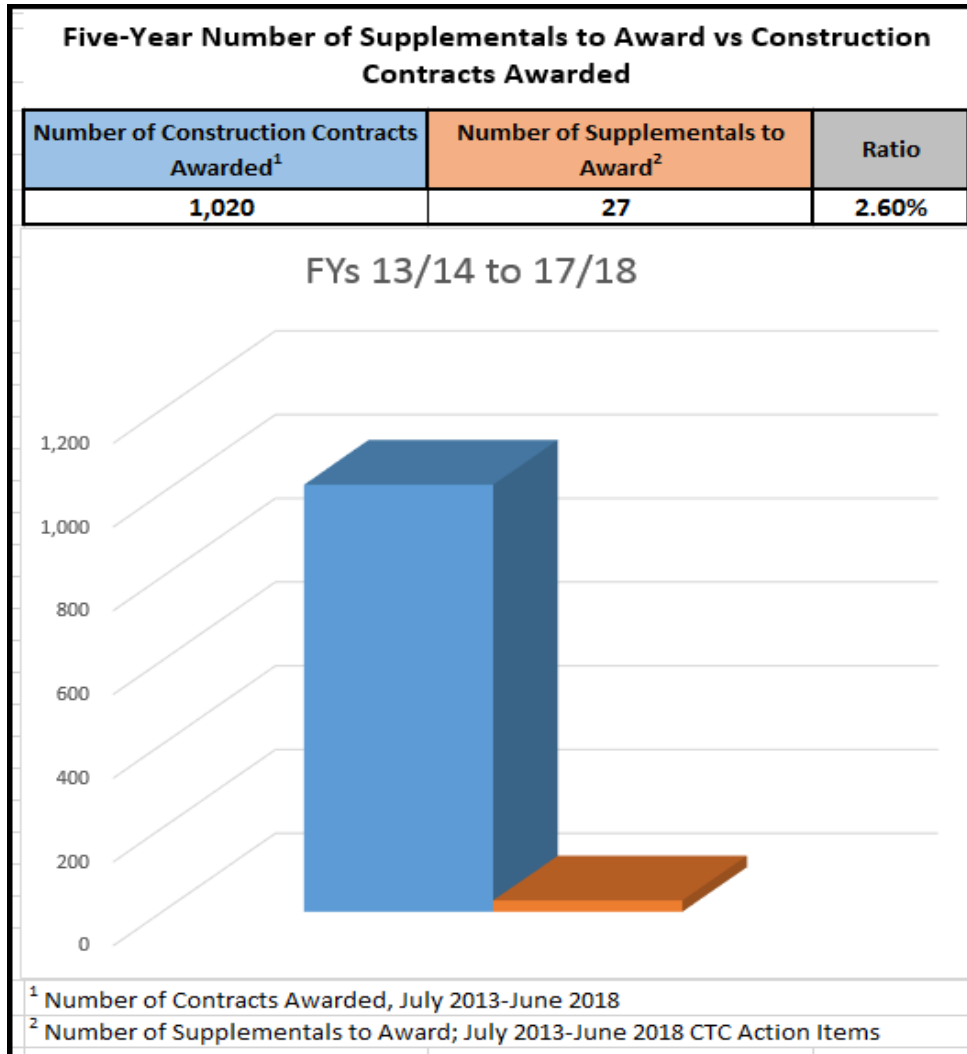
Five-Year Number of Greater Than 120% vs Awarded FYs 13/14 - 17/18



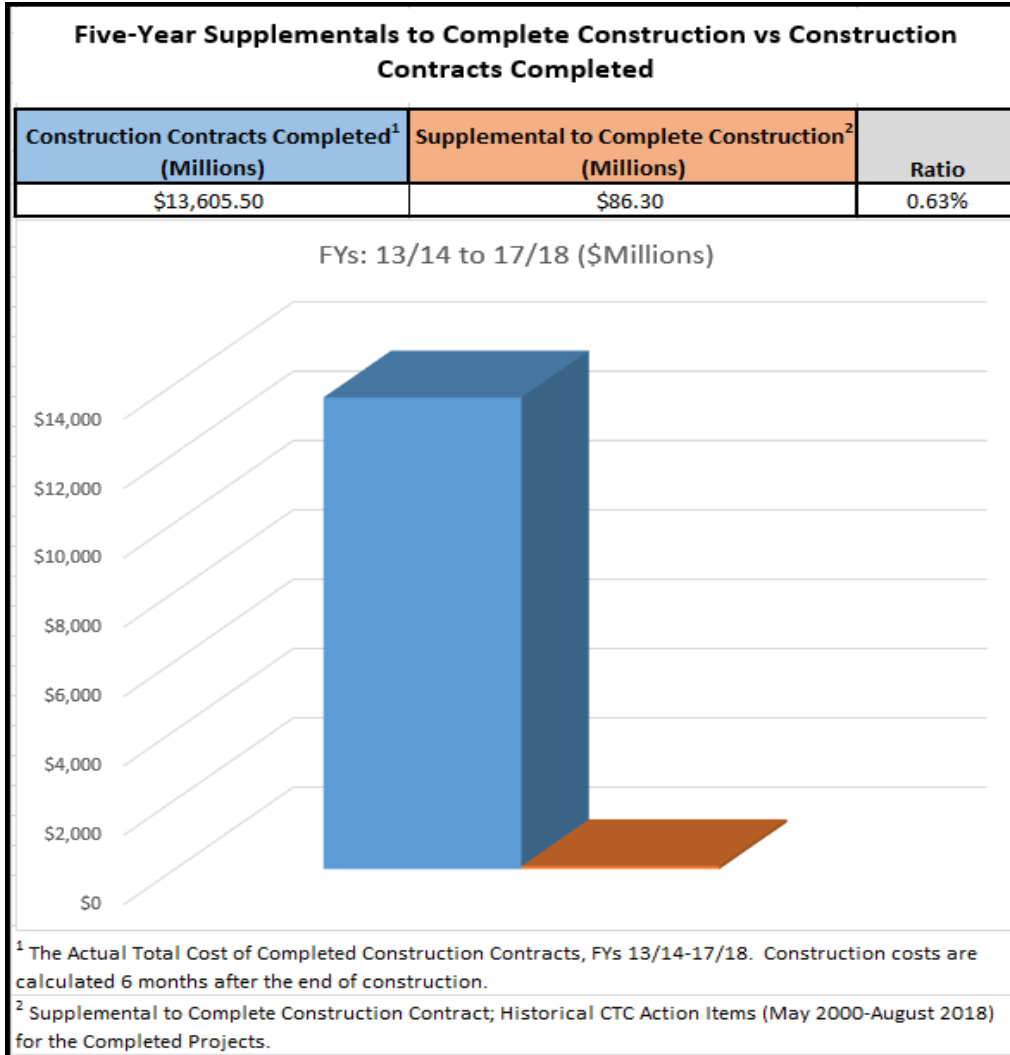
Five-Year Supplementals to Award vs Awarded FYs 13/14 to 17/18



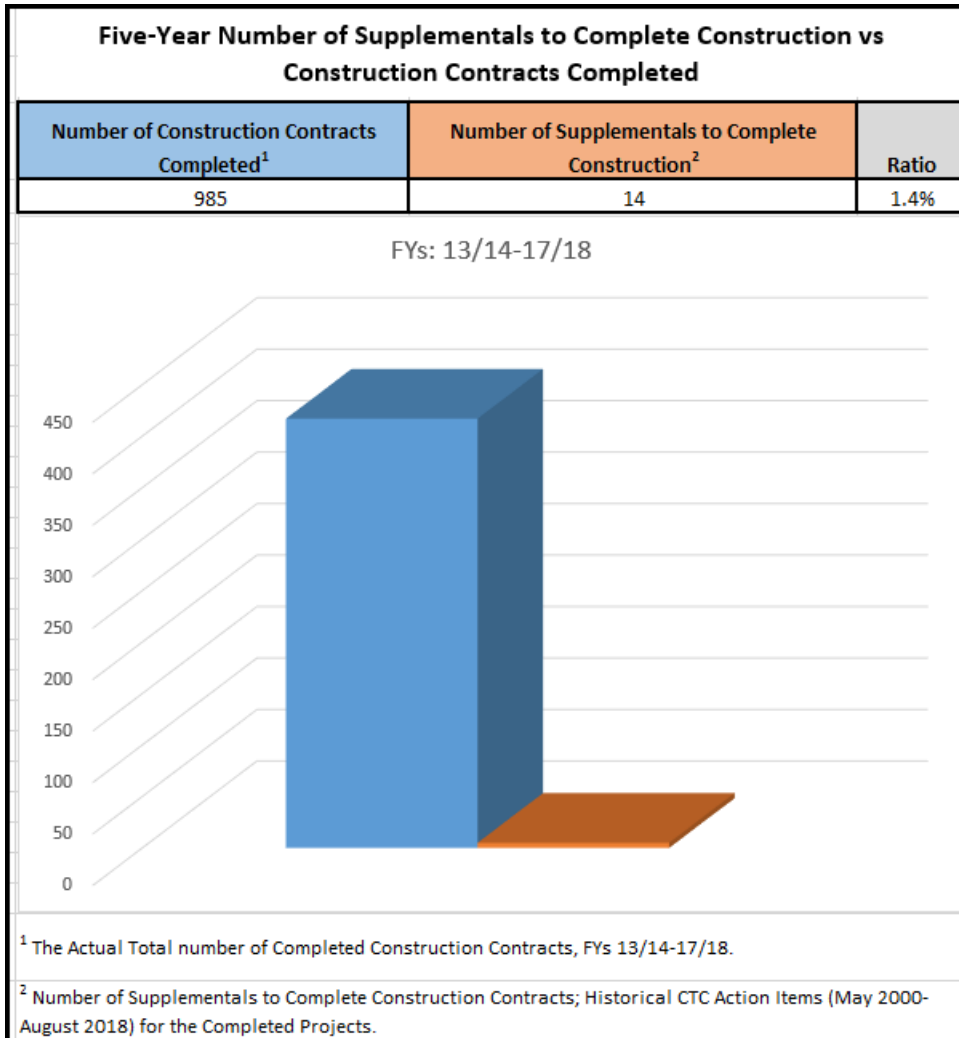
Five-Year Number of Supplementals to Award vs Awarded FYs 13/14 to 17/18



Five-Year Supplementals to Complete Construction vs Construction Contracts Completed-FYs 13/14-17/18



Five-Year Number of Supplementals to Complete Construction vs Construction Contracts Completed-FYs 13/14-17/18

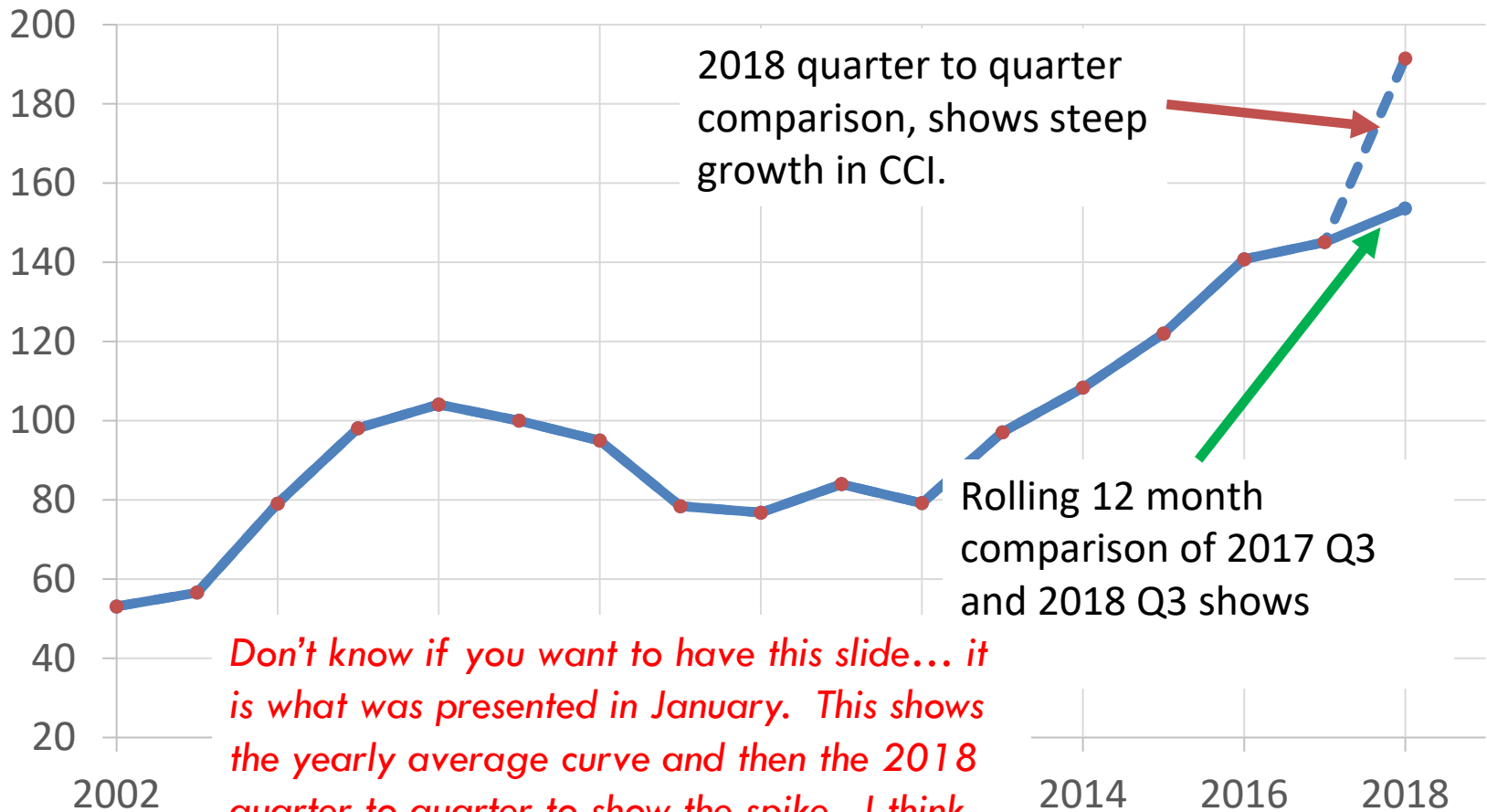


Risk Management

- PIDs include Risk
- Training on Quantification of Risk
- Watch List
-

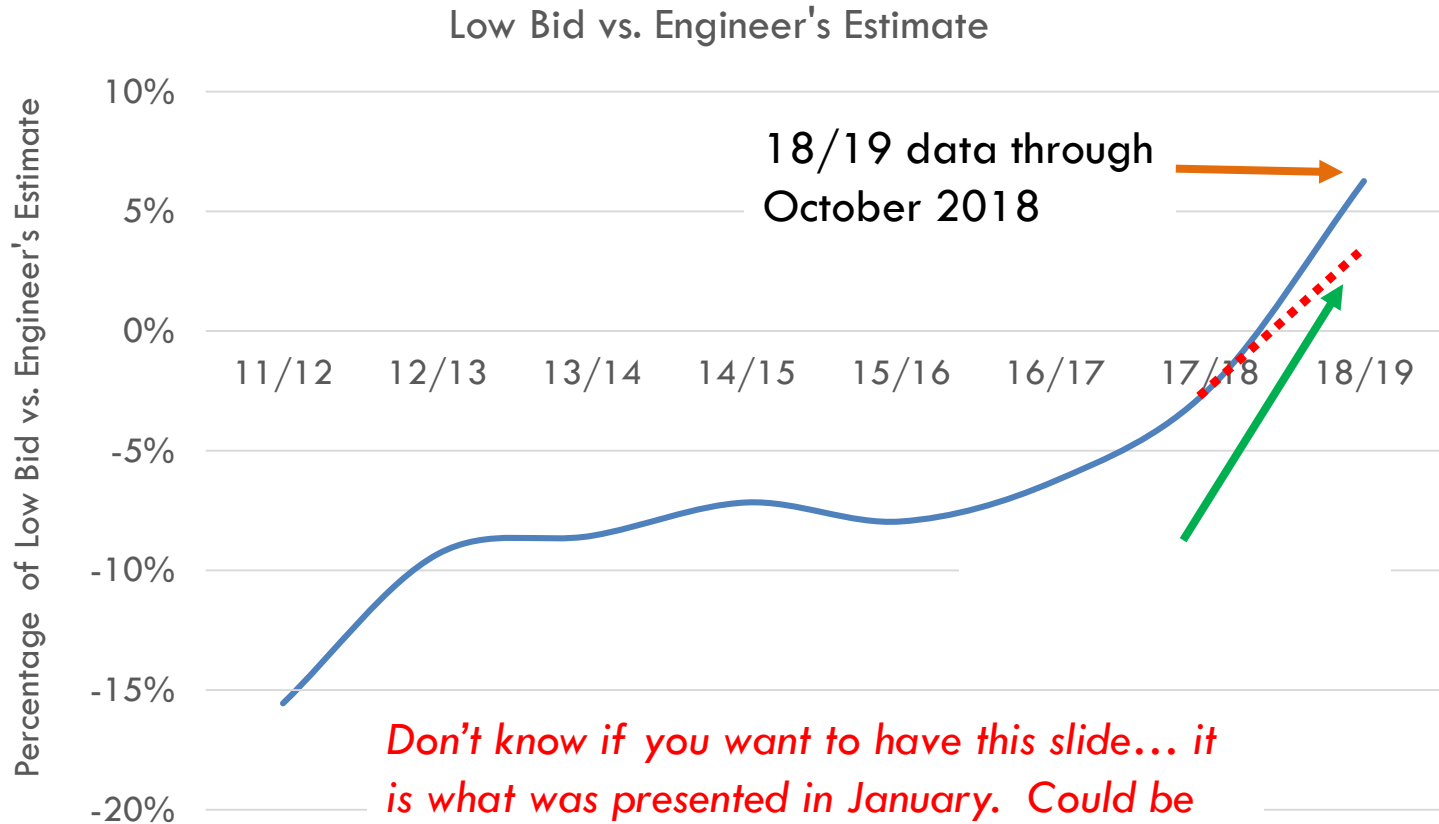
Bidding Environment

Construction Cost Index (2002 through 2018)



Don't know if you want to have this slide... it is what was presented in January. This shows the yearly average curve and then the 2018 quarter to quarter to show the spike. I think that the new slide covers it. I think you can delete this one.

Bidding Environment



Don't know if you want to have this slide... it is what was presented in January. Could be used to show "what we were seeing..." then show what happened). Remember this slide is the 12 monthly yearly average... the other slide is a month by month comparison. I vote