

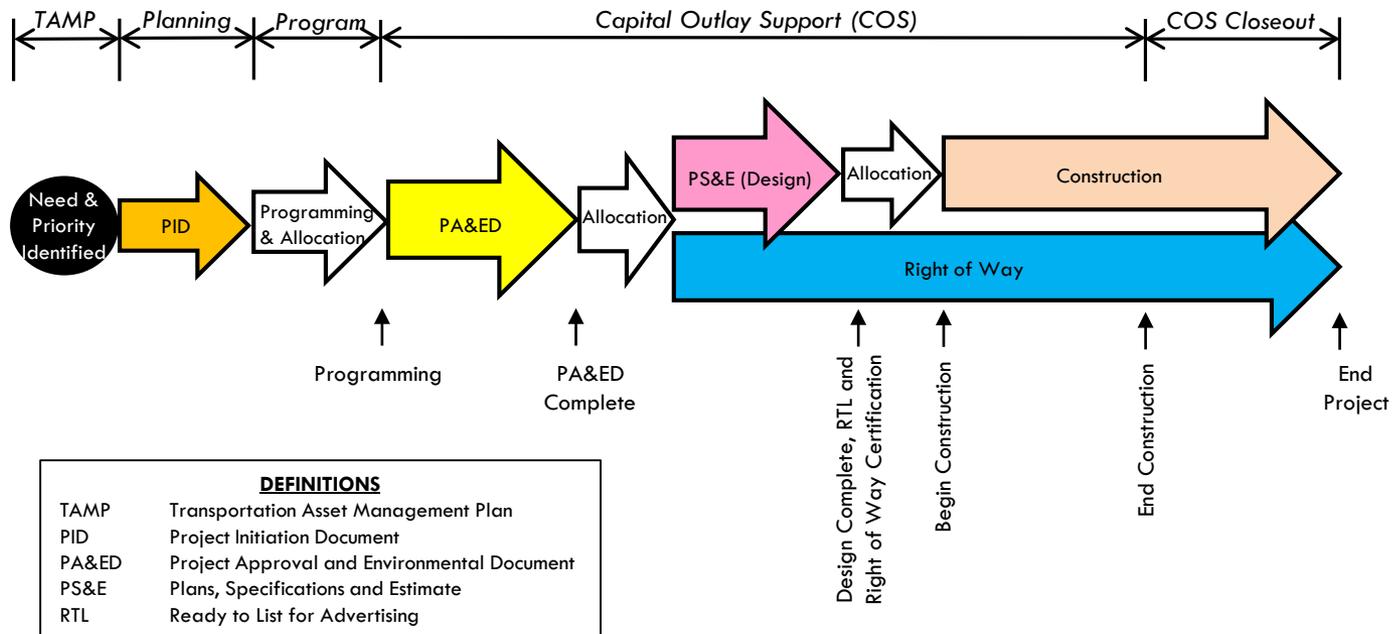


***Caltrans***®

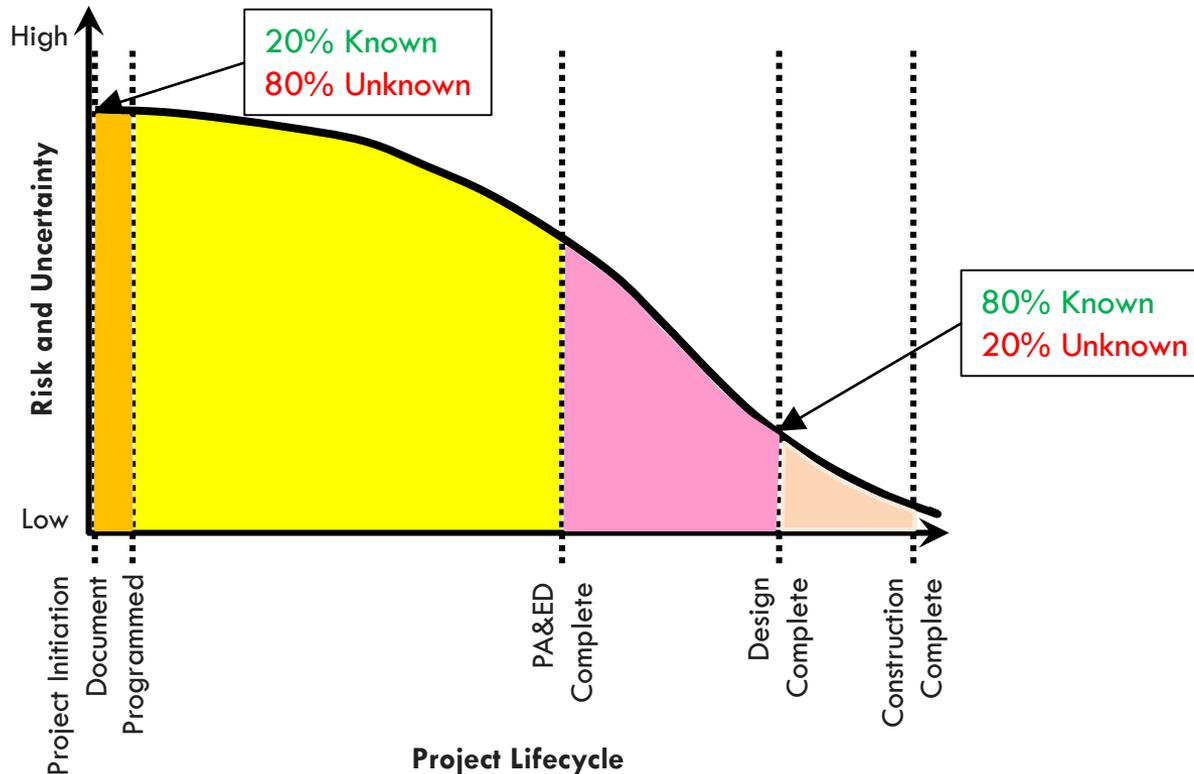
FY 17-18  
4<sup>th</sup> Quarter  
Project Delivery Report

by Michael D. Keever

# Phases of Project Development

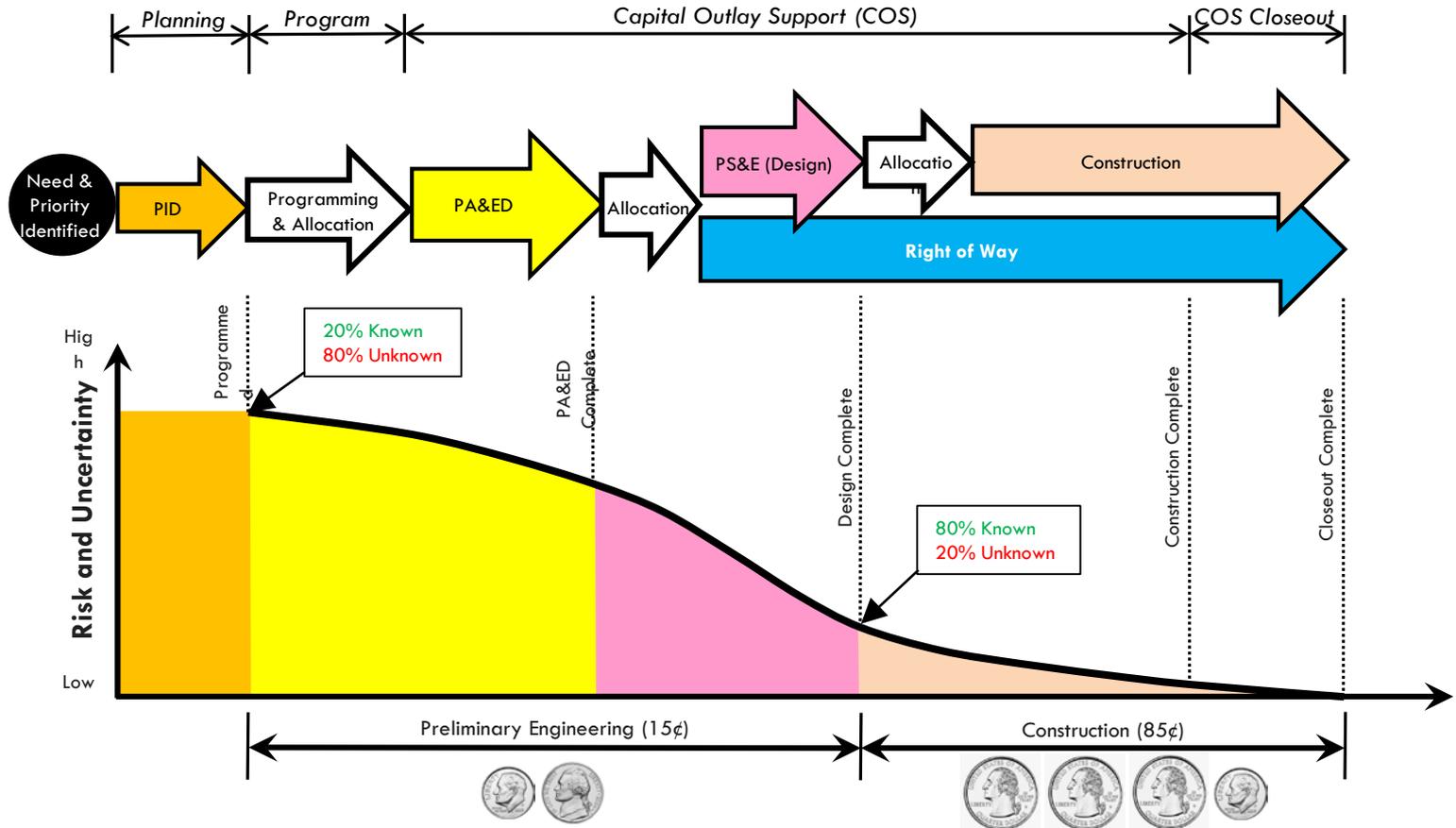


# Risk and Uncertainty During Project Phases

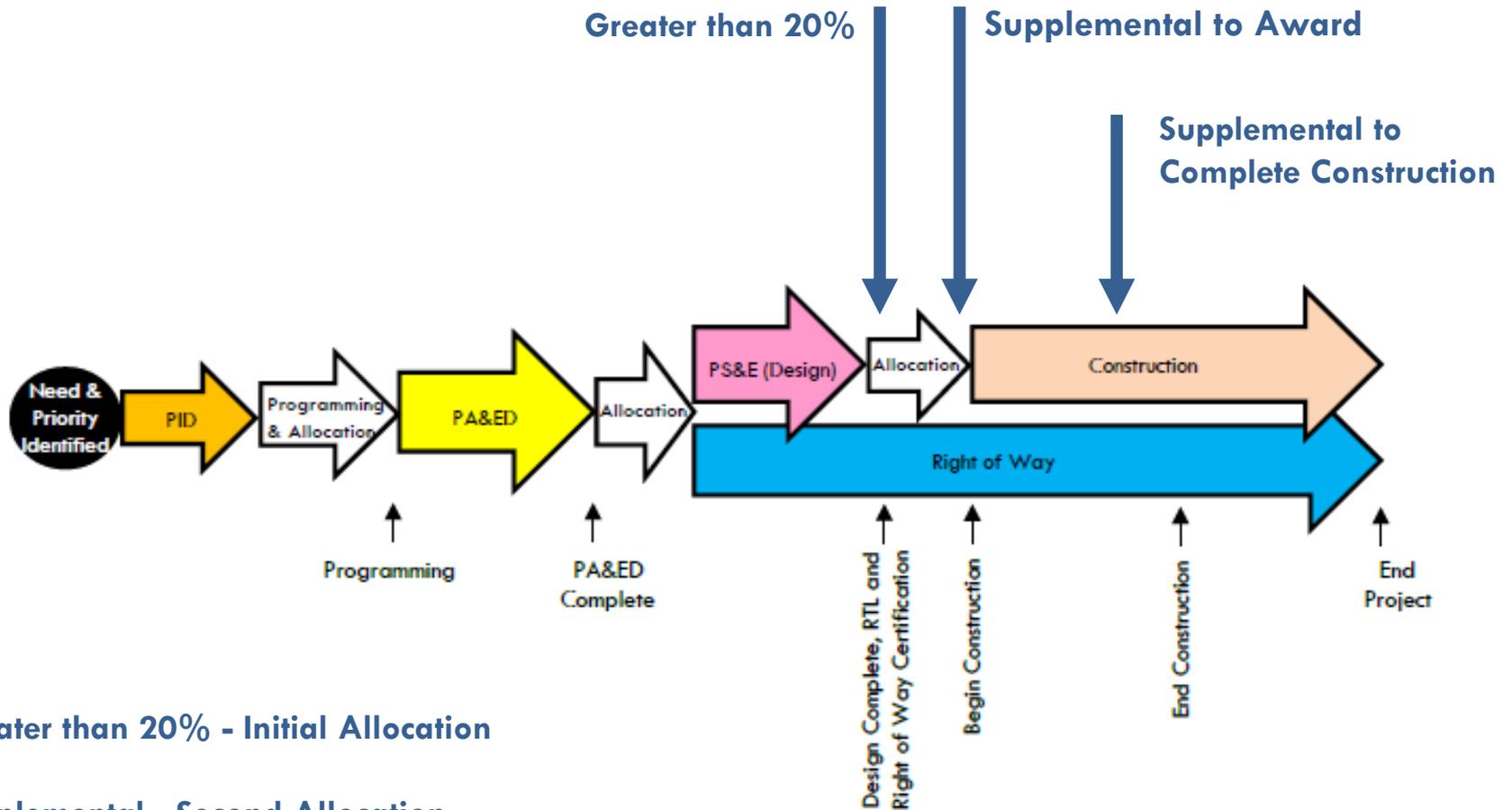


Modified version of Project Management Institute, A Guide to the Project Management Body of Knowledge, (PMBOK® Guide) - Fifth Edition, Project Management Institute Inc., 2013 Page 40 Figure 2-9

# Phases of Project Development



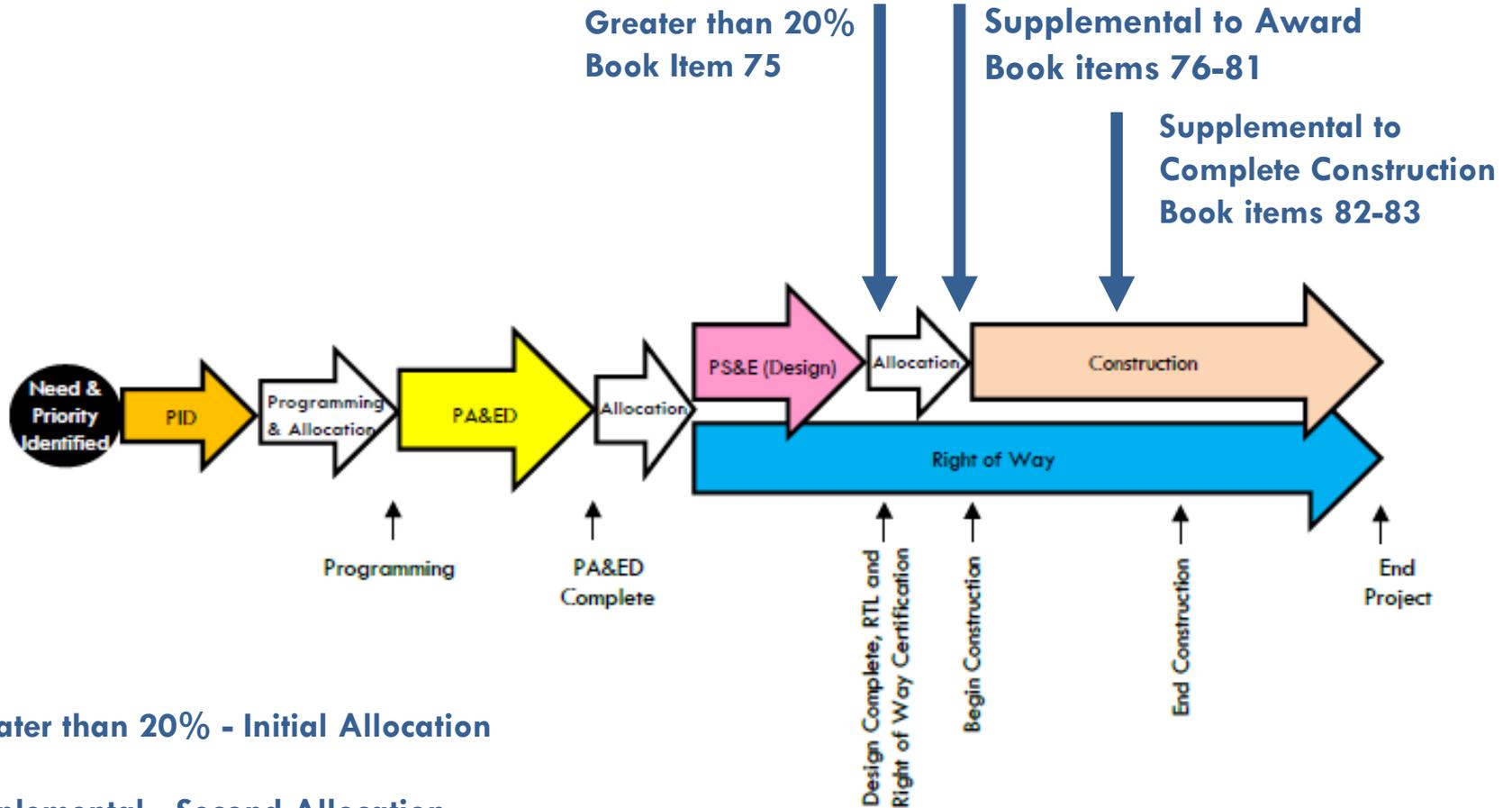
# Supplemental and “Greater than 20%” Allocations



Greater than 20% - Initial Allocation

Supplemental - Second Allocation

# Supplemental and “Greater than 20%” Allocations



Greater than 20% - Initial Allocation

Supplemental - Second Allocation

# FY 17-18 4<sup>th</sup> Quarter

## Project Delivery Performance Measures

Measure	Annual Commitment	Completion	Completion (%)	Annual Goal (%)	On Target
Draft Environmental Documents	79	64	81	80	✓
Project Approval, Environmental Documents	267	251	94	90	✓
Allocated Right of Way Funds	\$213 M	\$184 M	87	100	
Projects Certified by Right of Way	281	277	99	100	
Projects Designed and Ready for Construction	282	279	99	100	
Capital Value Ready for Allocation	\$2,398 M	\$2,020 M	84	100	
Projects Constructed	231	204	88	95	

# FY 17-18 4<sup>th</sup> Quarter

## Project Delivery Performance Measures

- Project Costs at End of Construction<sup>1</sup>

Measure	Expended	Budget	Savings	%	Annual Goal (%)	On Target
<b>Costs for 29 Completed STIP Projects</b>	\$1.37 B	\$1.59 B	\$218 M	86%	< 100%	✓
<b>Costs for 388 Completed SHOPP Projects</b>	\$2.11 B	\$2.34 B	\$228 M	90%	< 100%	✓

<sup>1</sup> Construction costs are calculated 6 months after the end of construction

# FY 17-18 4<sup>th</sup> Quarter

## Project Delivery Performance Measures

- Support Costs at End of Construction (1,000s)<sup>1</sup>

Measure	Expended	Budget	Savings	%
Support Costs for 29 Completed STIP Projects	\$297,685	\$350,705	\$53,020	85%
Support Costs for 388 Completed SHOPP Projects	\$668,127	\$687,575	\$19,448	97%

<sup>1</sup> Construction costs are calculated 6 months after the end of construction

# FY 17-18 4<sup>th</sup> Quarter

## Project Watch List

- Construction Capital Budget Risks Managed by Caltrans

Status	Projects <sup>1</sup>	Total Budget (Millions)	Total Risk (Millions)
Seeking Allocation	16	\$286	\$125
Advertising	17	\$125	\$47
Construction	13	\$1,070	\$119
Closeout	9	\$372	\$70
<b>Total</b>	<b>55</b>	<b>\$1,853</b>	<b>\$361</b>

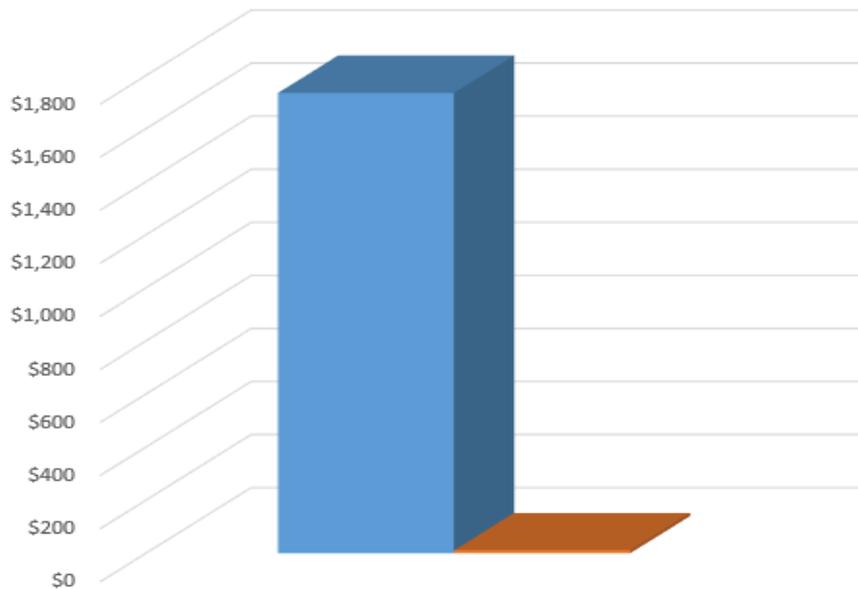
<sup>1</sup> 917 Projects under construction with construction budget of \$9.04 billion

# Greater Than 120% vs Awarded-FY17/18

## Greater Than 120% Construction Capital vs Construction Contracts Awarded

Construction Contracts Awarded <sup>1</sup> (Millions)	Greater Than 120%-Construction Capital <sup>2</sup> (Millions)	Ratio
\$1,734.67	\$10.90	0.62%

FY17/18, (\$Millions)



<sup>1</sup> Contract Allotments, July 2017-June 2018

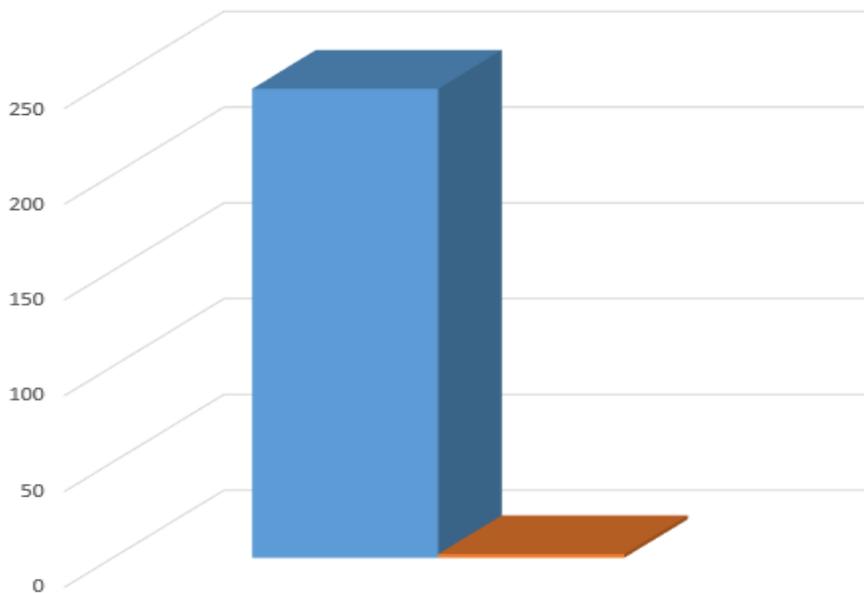
<sup>2</sup> Greater Than 120% CTC Actions-CTC Meetings (Month and Year): August 2017 and October 2017

# Number of Greater Than 120% vs Awarded-FY17/18

**Number of Greater Than 120% Construction Capital vs Construction Contracts Awarded**

Construction Contracts Awarded <sup>1</sup>	Greater Than 120%-Construction Capital <sup>2</sup>	Ratio
245	2	0.82%

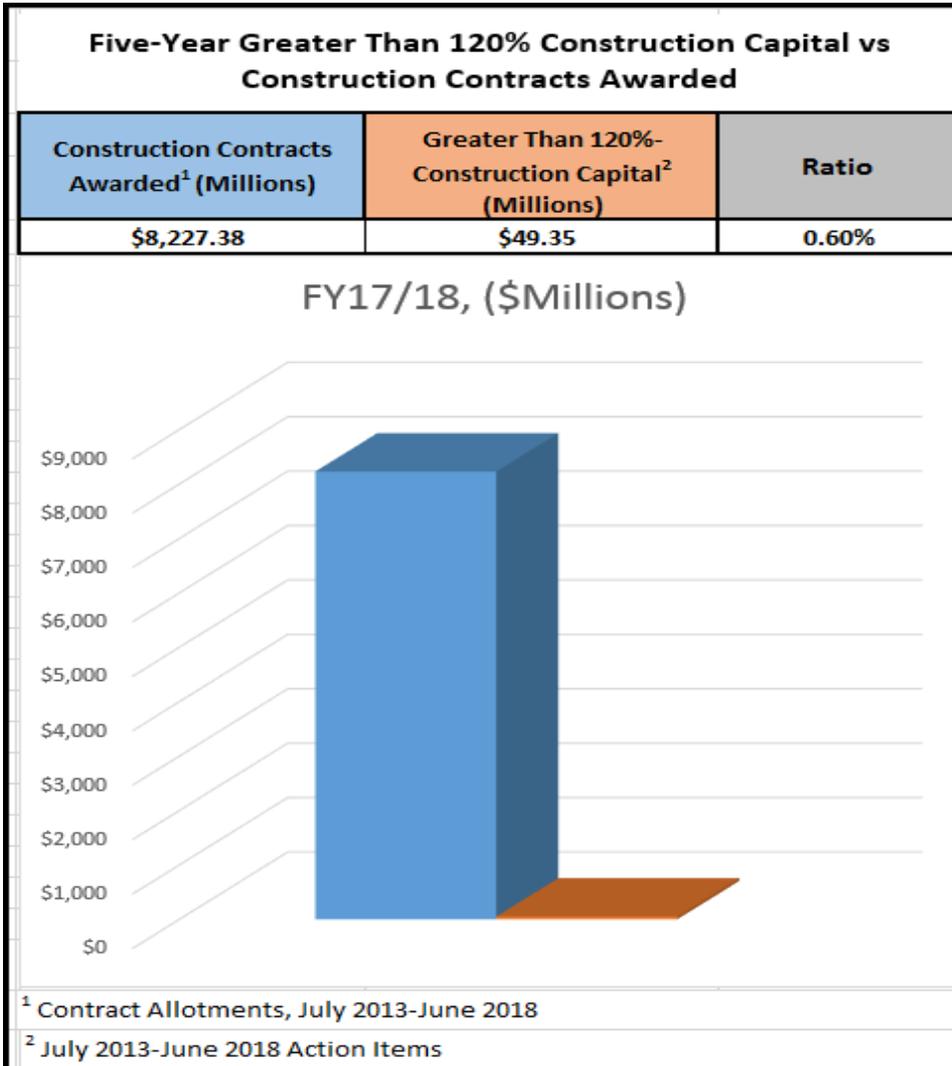
FY 17/18



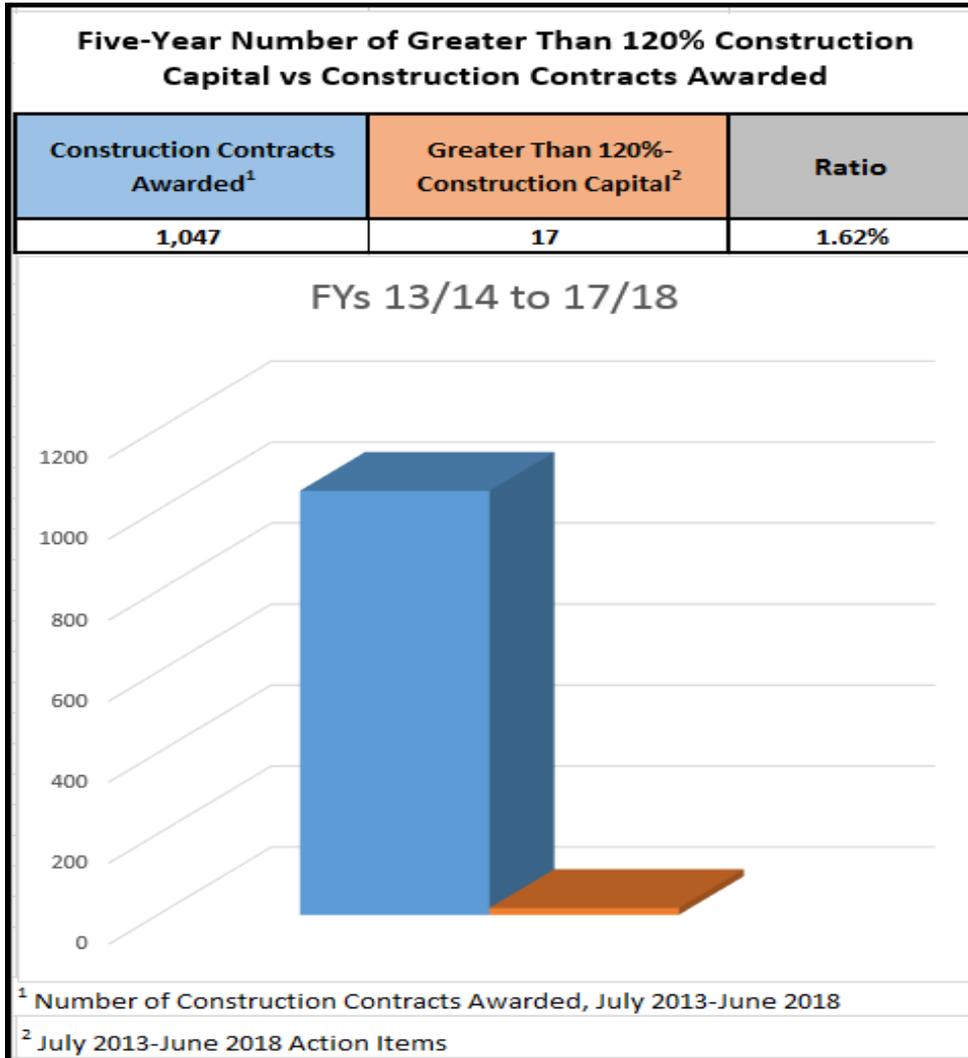
<sup>1</sup> Number of Construction Contracts Awarded, July 2017-June 2018

<sup>2</sup> Greater Than 120% CTC Actions-CTC Meetings (Month and Year): August 2017 and October 2017

# Five-Year Greater Than 120% vs Awarded-FY17/18



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

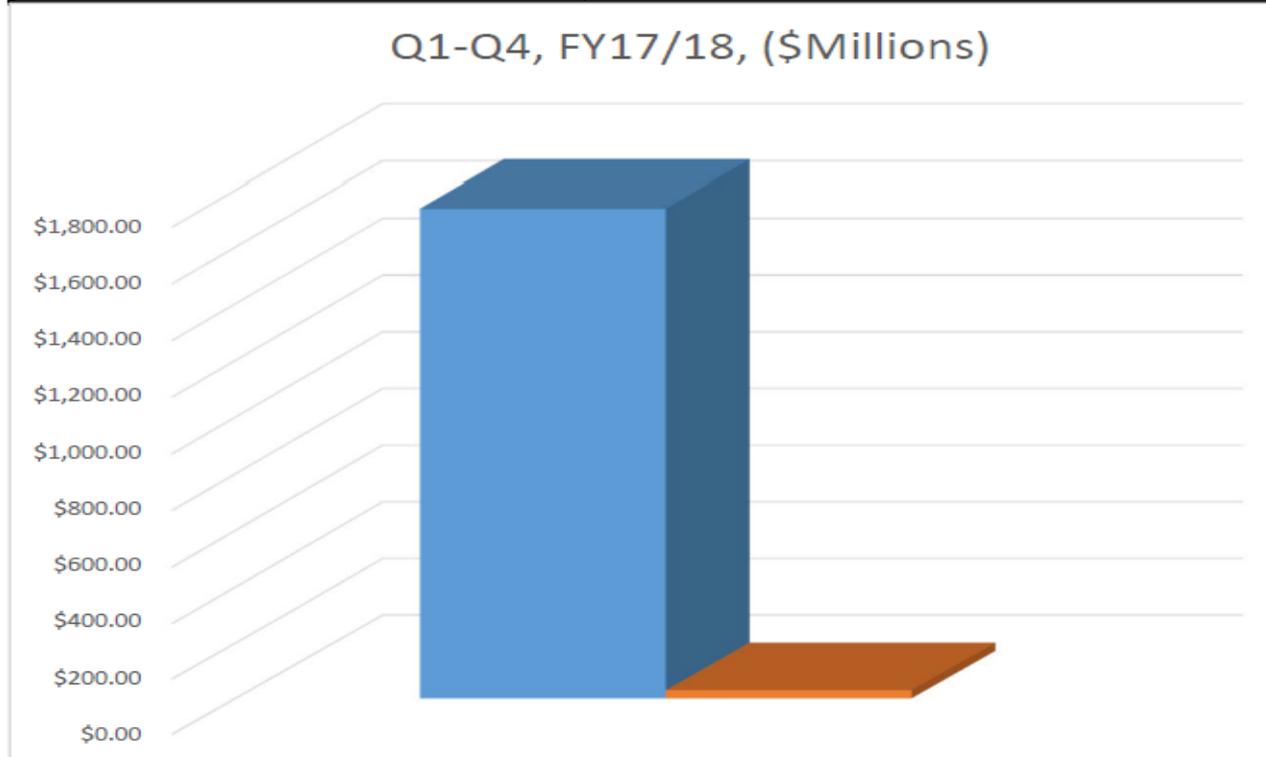


# Appendix E

## Supplementals to Award

(E) Construction Contracts Awarded vs Supplemental to Award

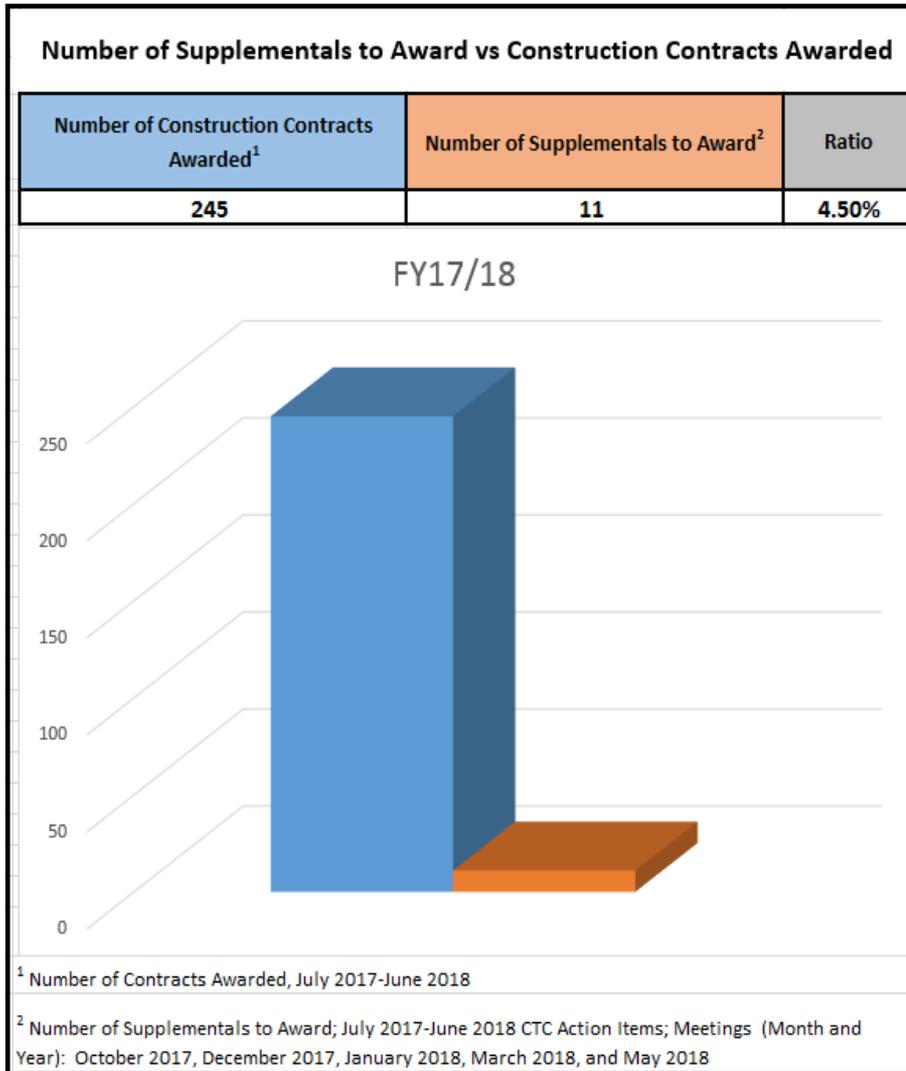
Construction Contracts Awarded <sup>1</sup> (Millions)	Supplemental to Award <sup>2</sup> (Millions)
\$1,734.67	\$29.52



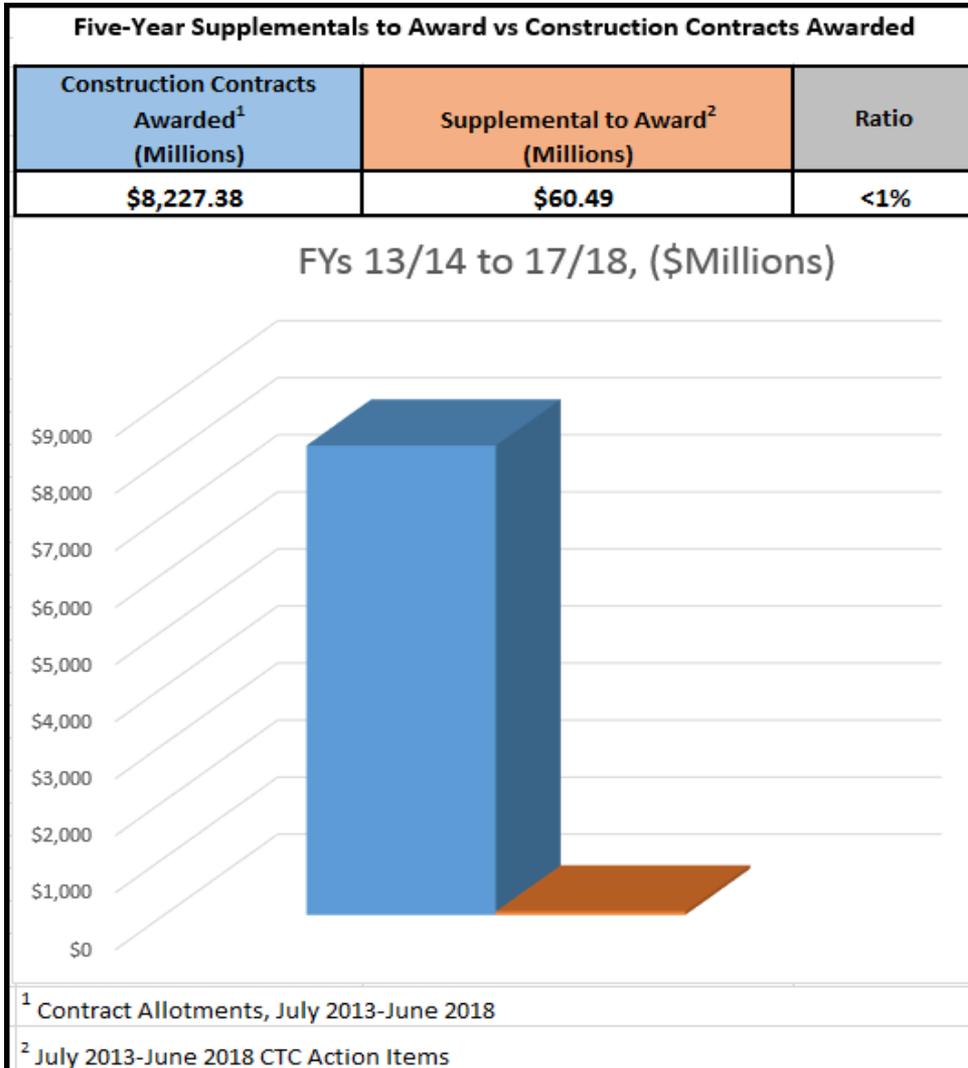
<sup>1</sup> Contract Allotments, July 2017-June 2018

<sup>2</sup> July 2017-June 2018 CTC Action Items; Meetings (Month and Year): October 2017, December 2017, January 2018, March 2018, and May 2018

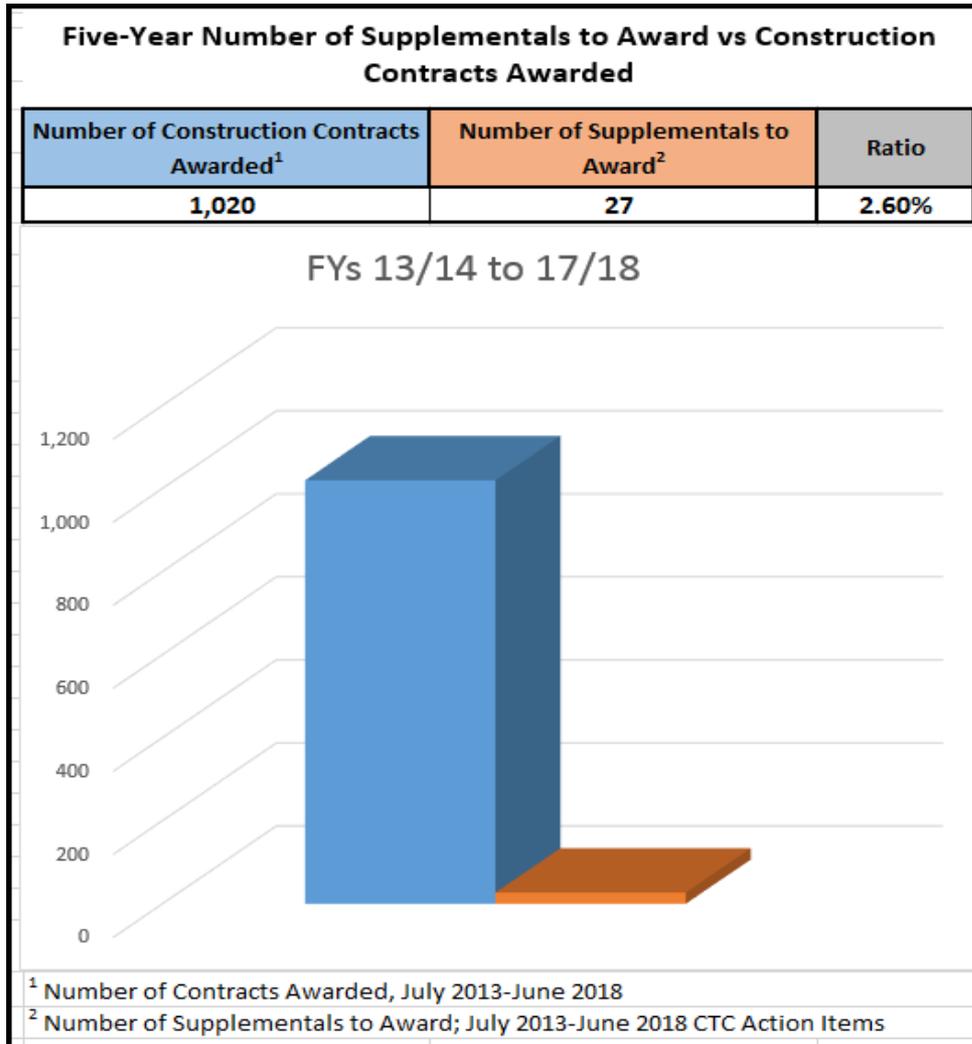
# Number of Supplementals to Award vs Awarded-FY17/18



# Five-Year Supplementals to Award



# Five-Year Number of Supplementals to Award vs Awarded

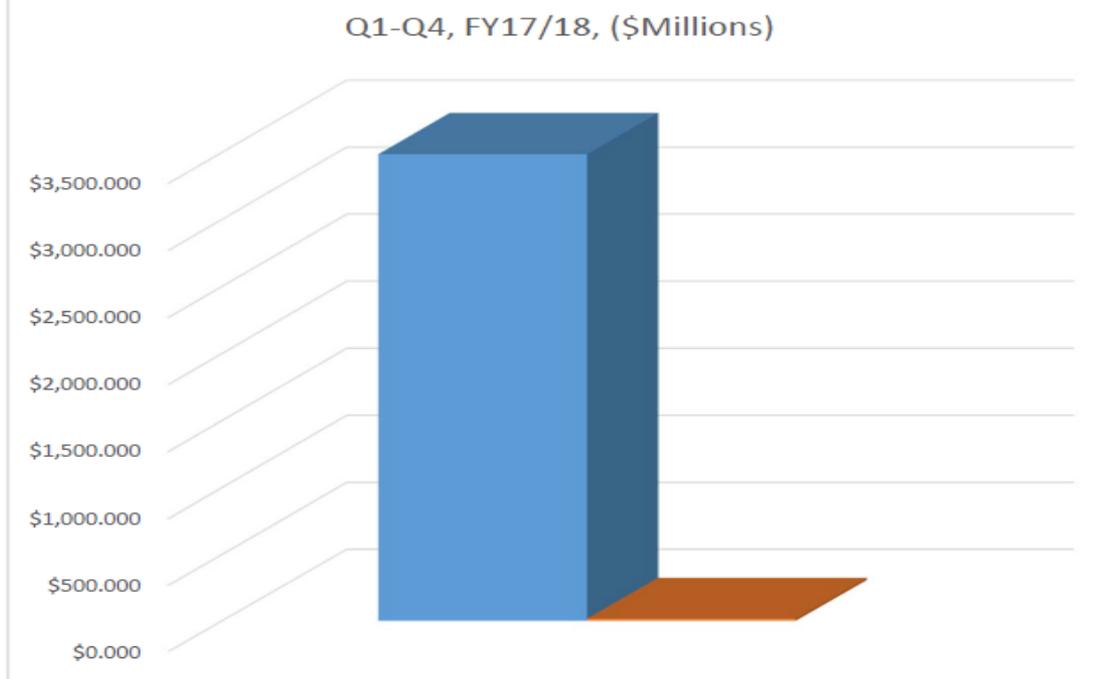


# Appendix F

## Supplementals to Complete Construction

**(F) Construction Contracts Completed vs Supplemental to Complete Construction**

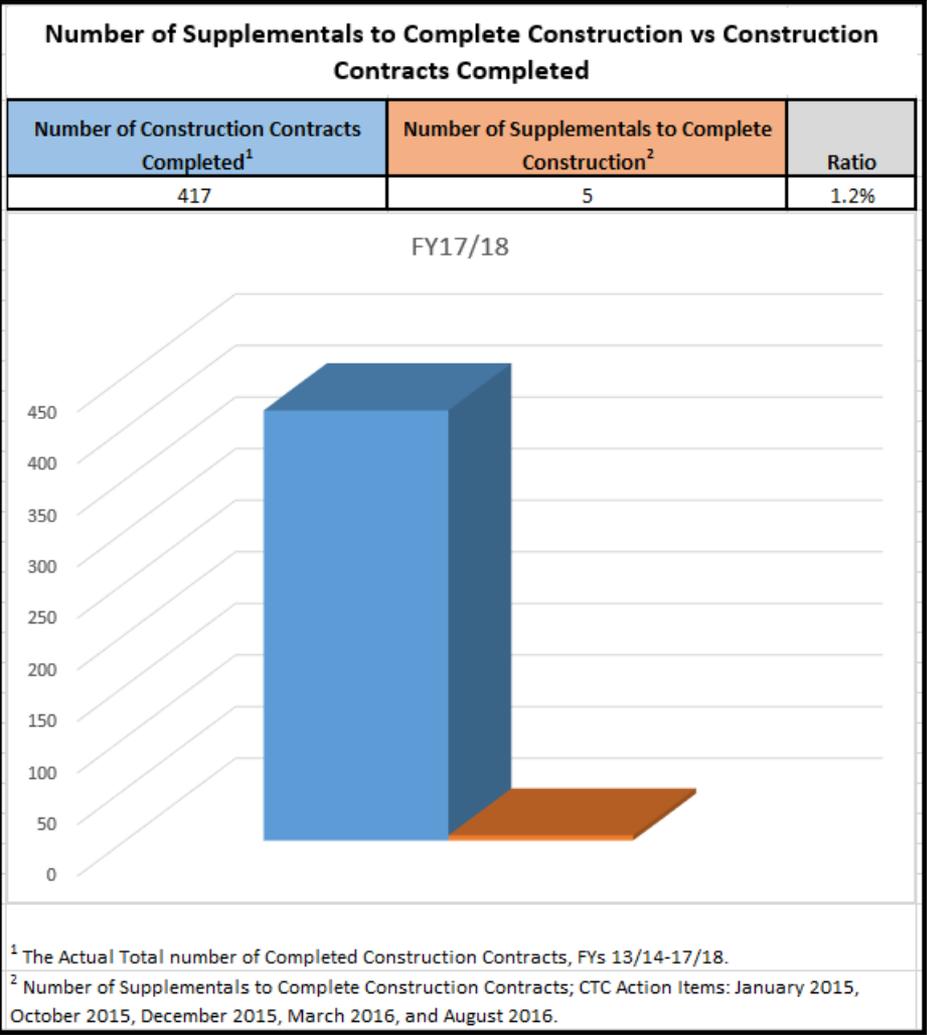
Construction Contracts Completed <sup>1</sup> (Millions)	Supplemental to Complete Construction <sup>2</sup> (Millions)
\$3,486.66	\$16.78



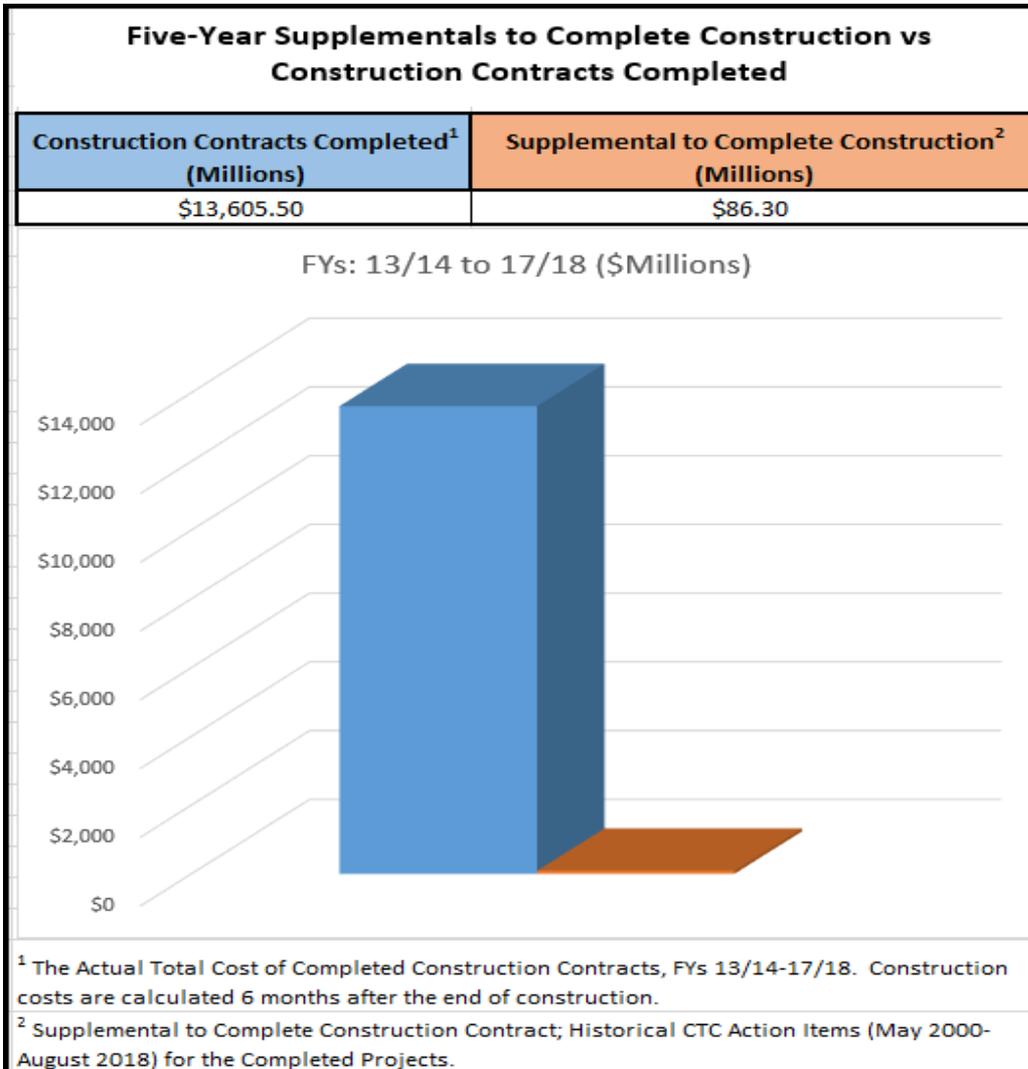
<sup>1</sup> The Actual Total Cost of Completed Construction Contracts, Cumulative Q1-Q4, 17/18 FY; Appendix A and B. Construction costs are calculated 6 months after the end of construction.

<sup>2</sup> Supplemental to Complete Construction Contract; CTC Action Items: January 2015, October 2015, December 2015, March 2016, and August 2016.

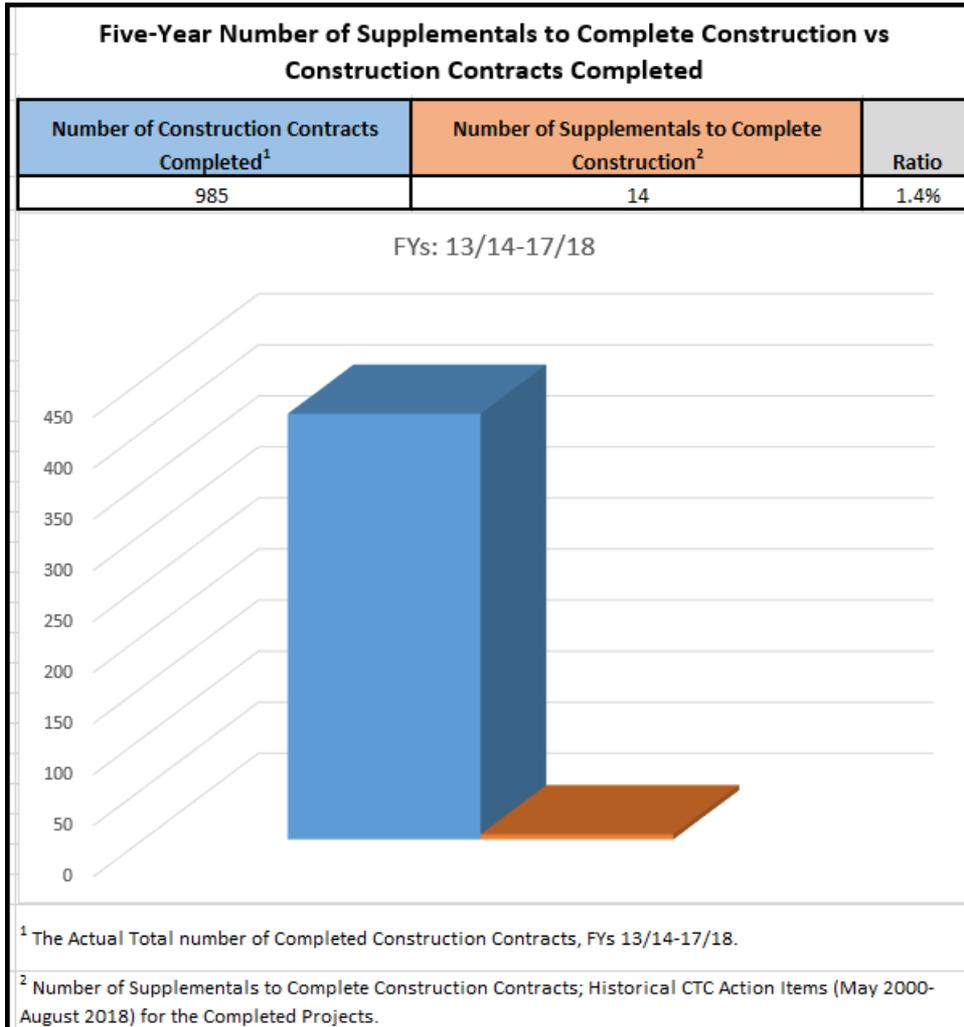
# Number of Supplementals to Complete Construction Contract vs Construction Contracts Completed-FY17/18



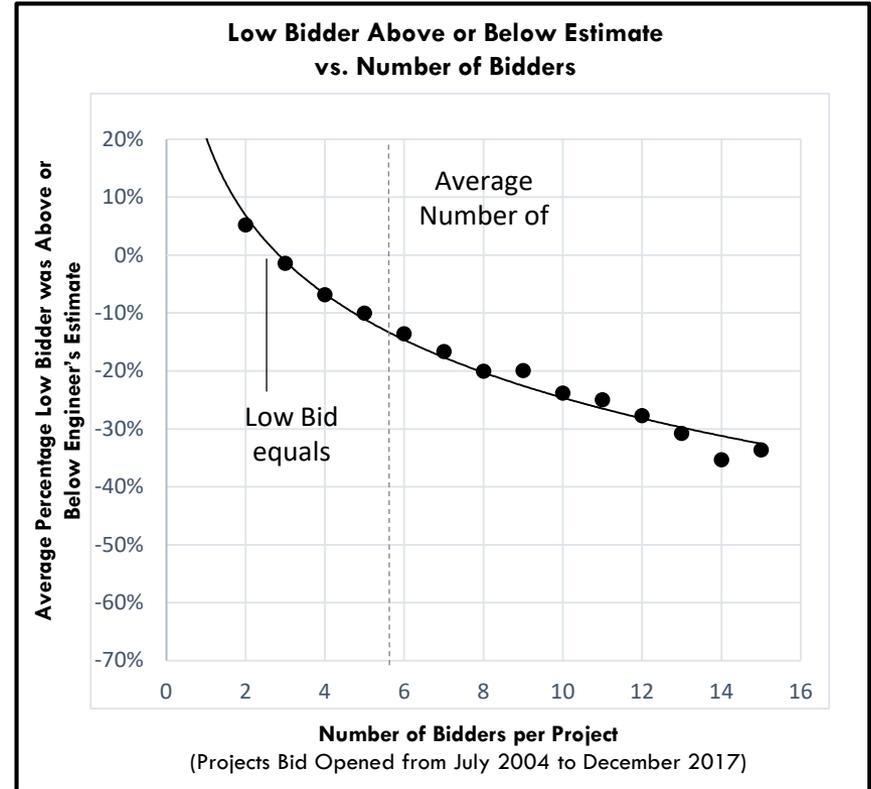
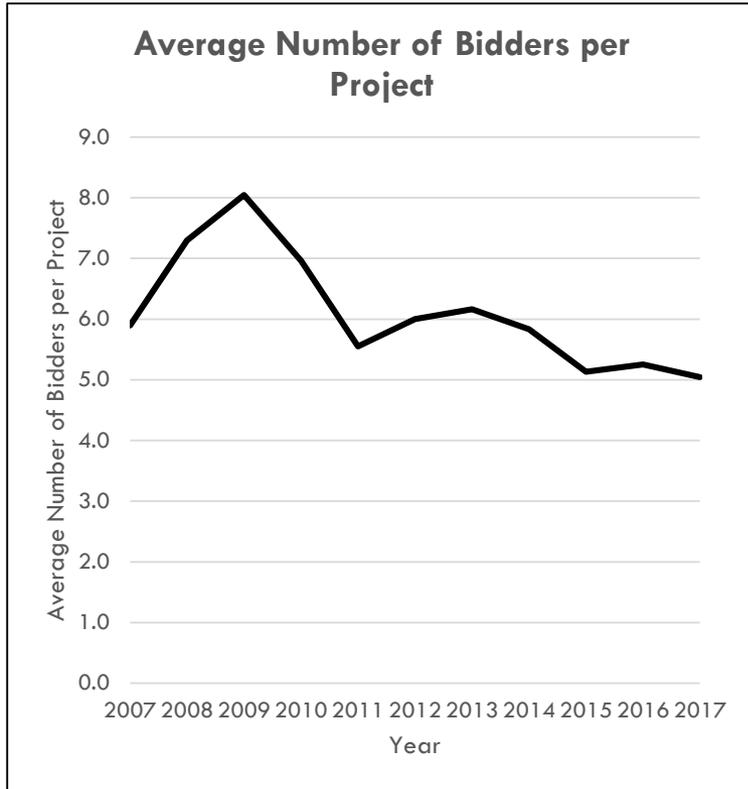
# Five-Year Supplementals to Complete Construction vs Construction Contracts Completed



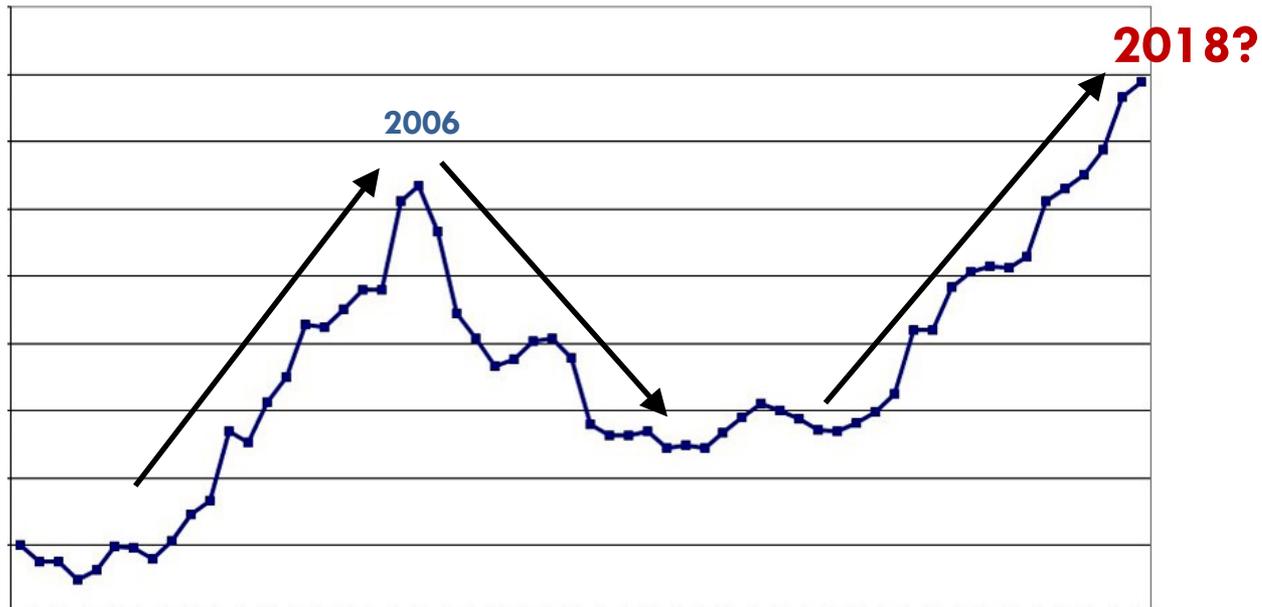
# Five-Year Number of Supplementals to Complete Construction vs. Construction Contracts Completed



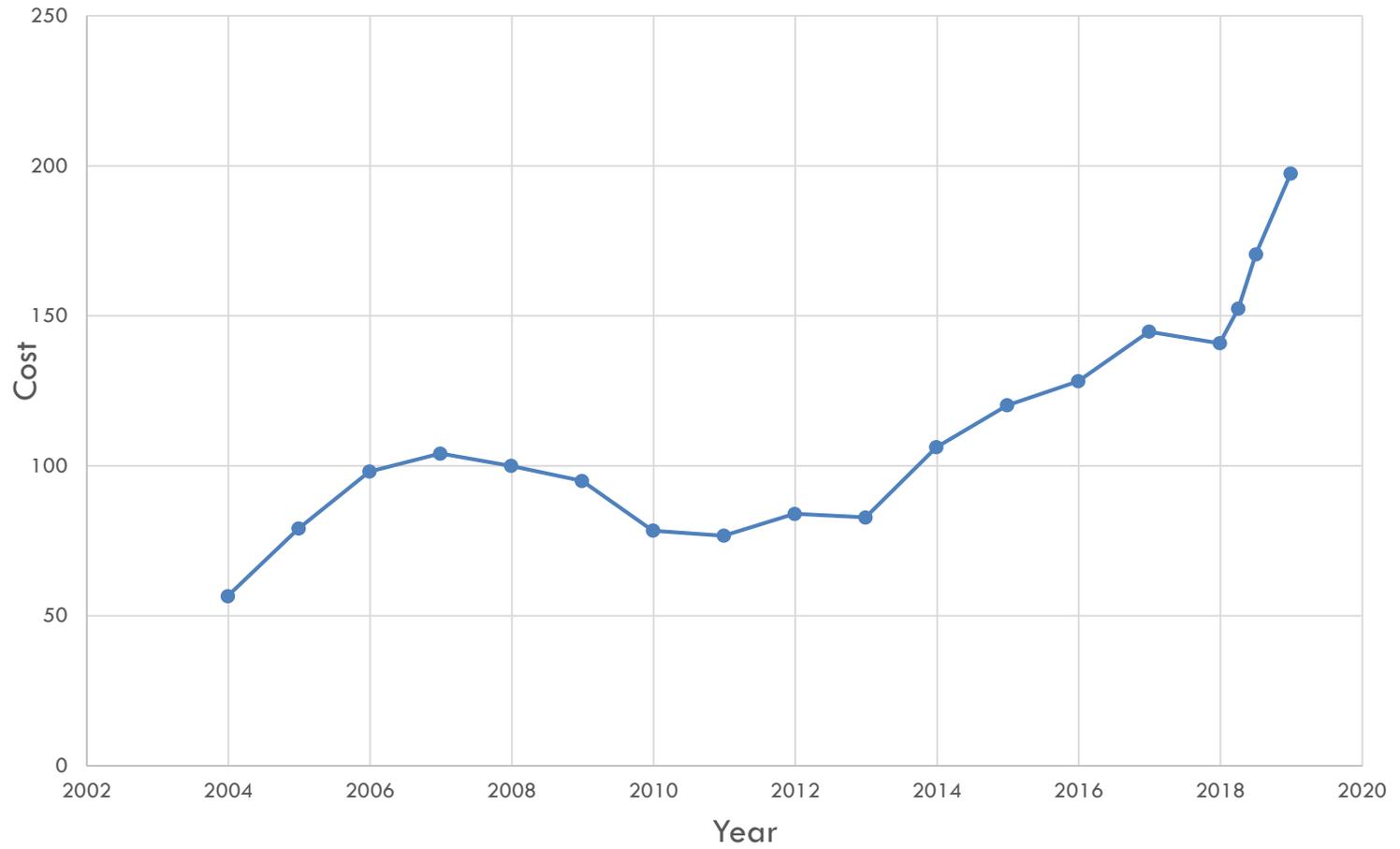
# More Bidders Equals Lower Costs



# Construction Costs can be Volatile and Difficult to Predict



### Construction Cost Index





THANK YOU