



Engineering Services Manager's Report

Engineering and Operations Committee

Item 7b

November 7, 2016

Henry J. Mills Water Treatment Plant Industrial Wastewater Handling System

- Contractor - Hobbs-Bannerman, Inc.
- Contract amount - \$2,565,063
- Earnings to date - \$2,193,968 (86%)*
- Original contract completion - April 2016
- Estimated completion - December 2016

*As of October 25, 2016

Mills Industrial Wastewater Handling System



**Temporary Industrial
WW Handling Facility**

New Facility

Mills Industrial Wastewater Handling System



Mills Industrial Wastewater Handling System



Mills Industrial Wastewater Handling System



Engineering News Record (ENR)

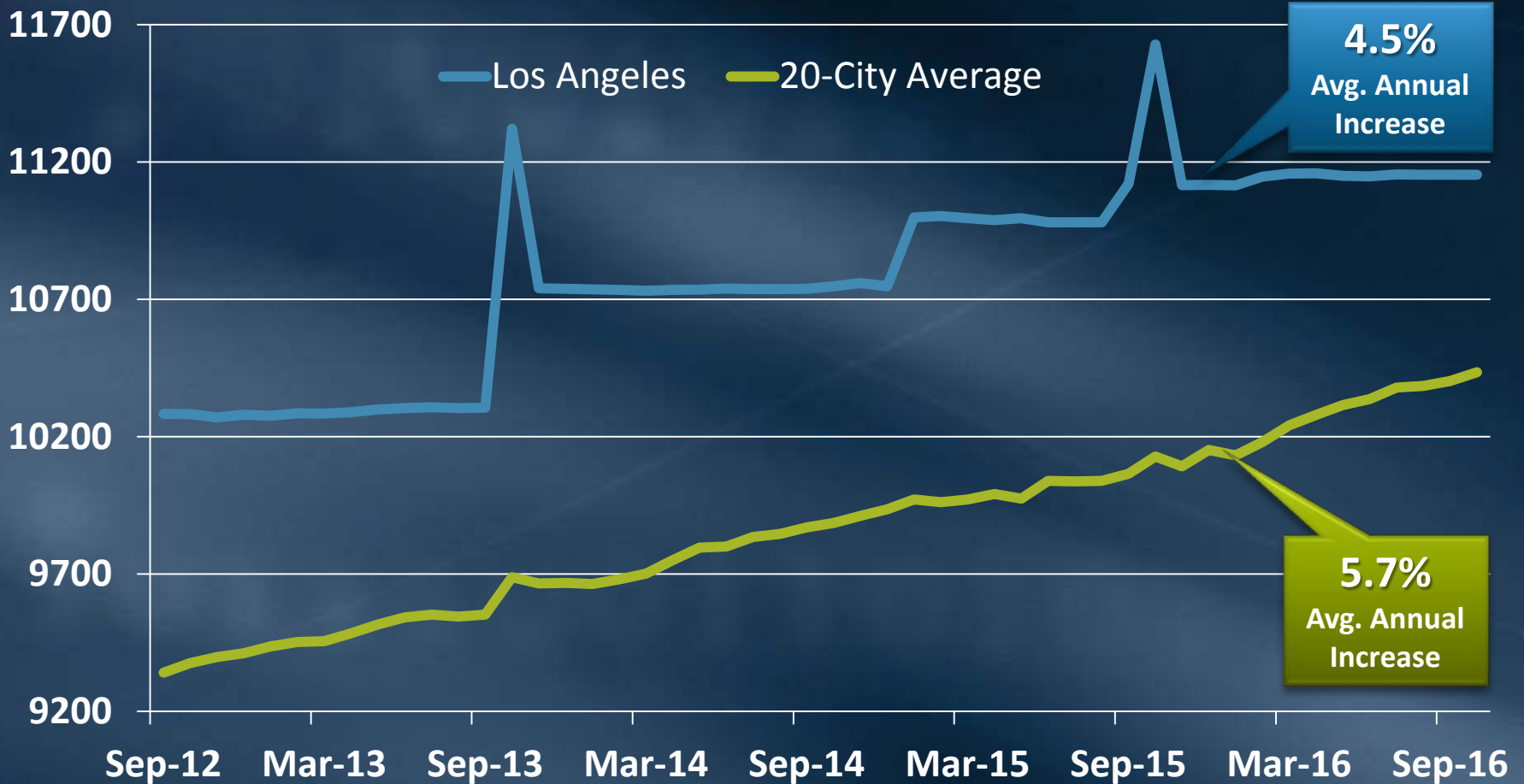
Latest Trends (Oct 2015 – Sep 2016)



- Construction activity high
 - More than 70% of western const. firms struggling to attract craft workers
 - Const. unemployment rate at 10-year low of 5%
- Contractors facing increased difficulty in obtaining project financing

Construction Cost Index

48 Months (Sep 2012 – Oct 2016)

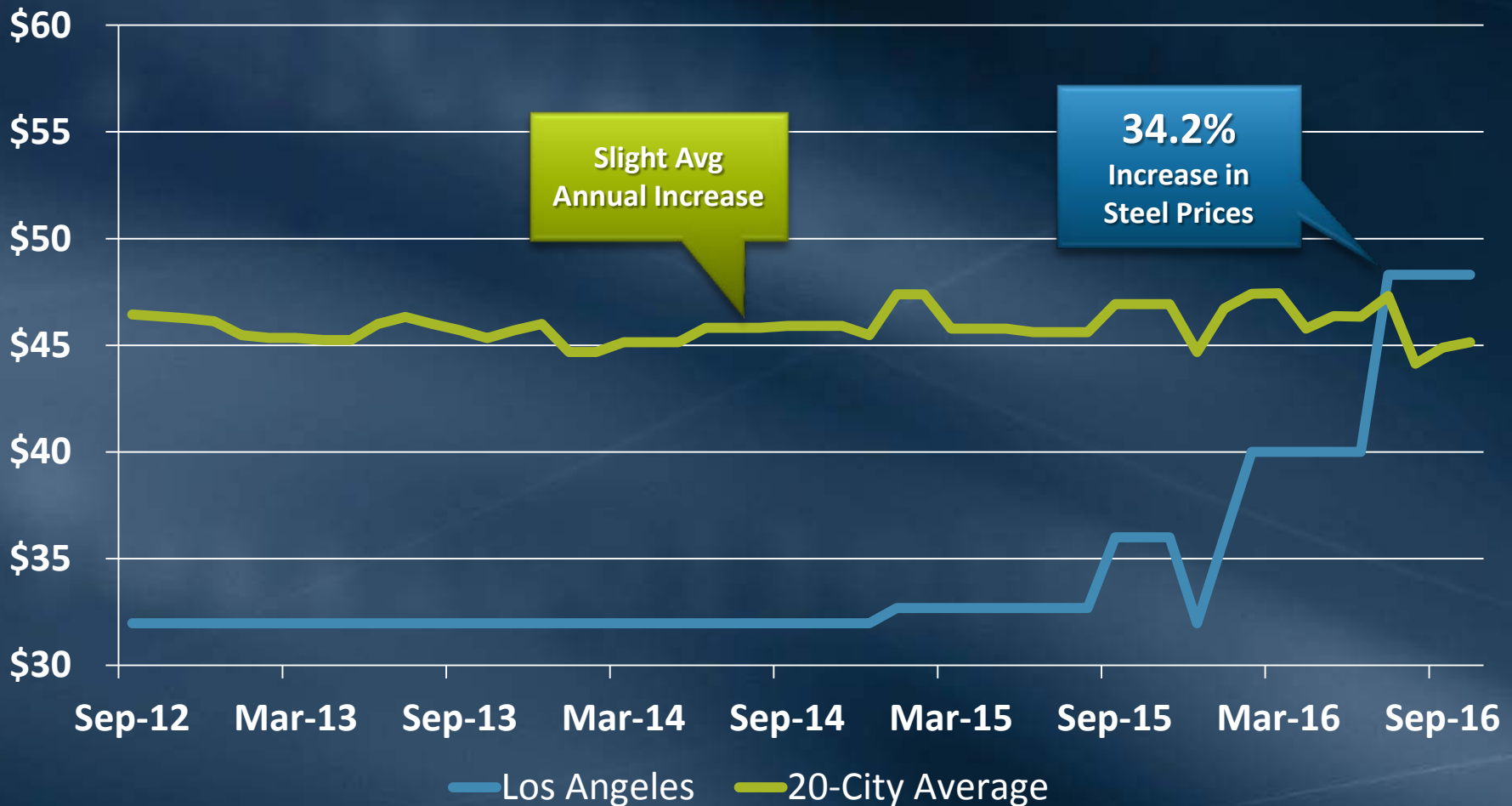


Baseline (1992 = 100)

Source: Engineering News Record

Reinforcing Bar Grade 60

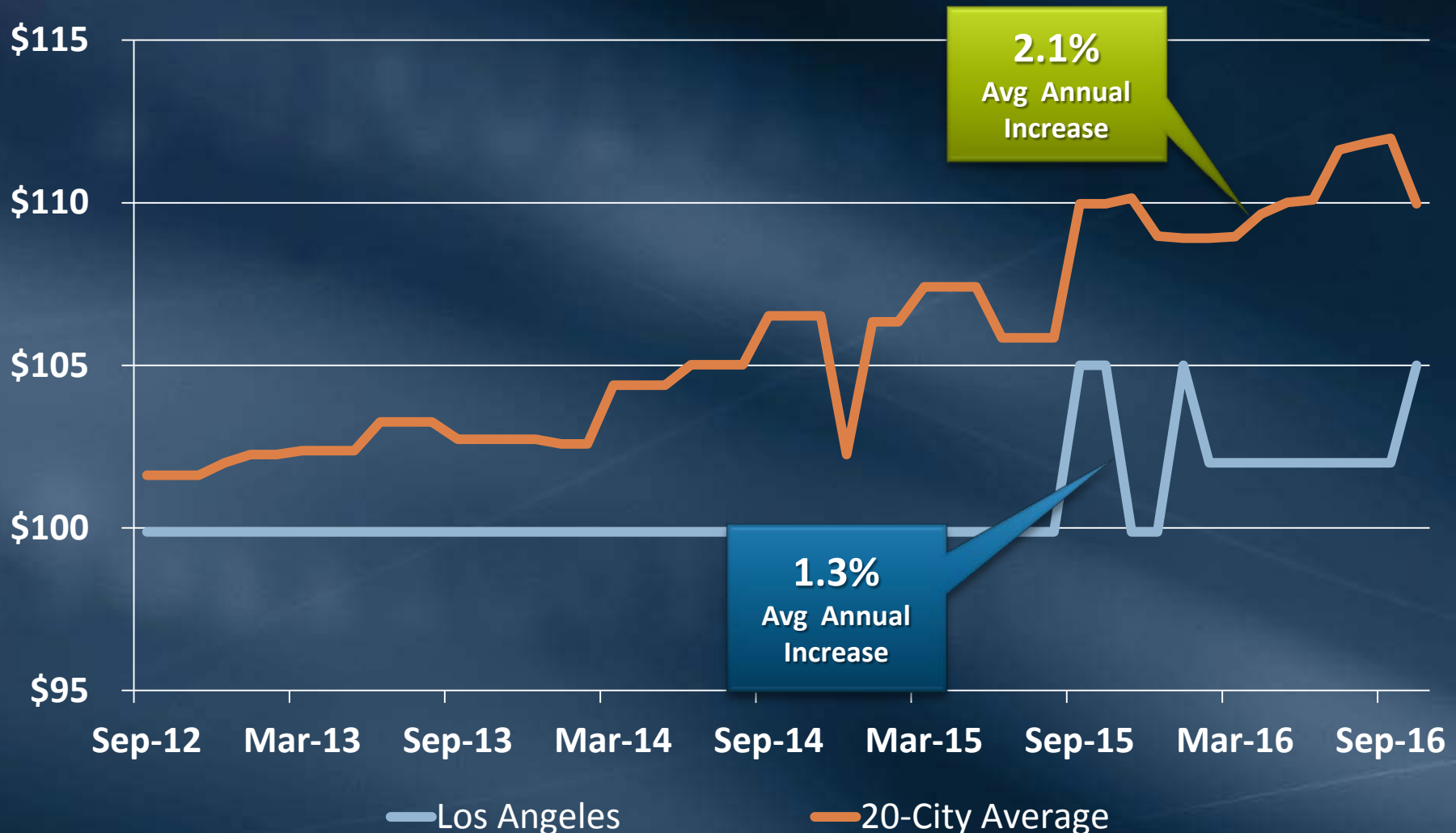
48 Months (Sep 2012 to Oct 2016)



Source: Engineering News Record

3,000 psi Concrete Ready Mix (cy)

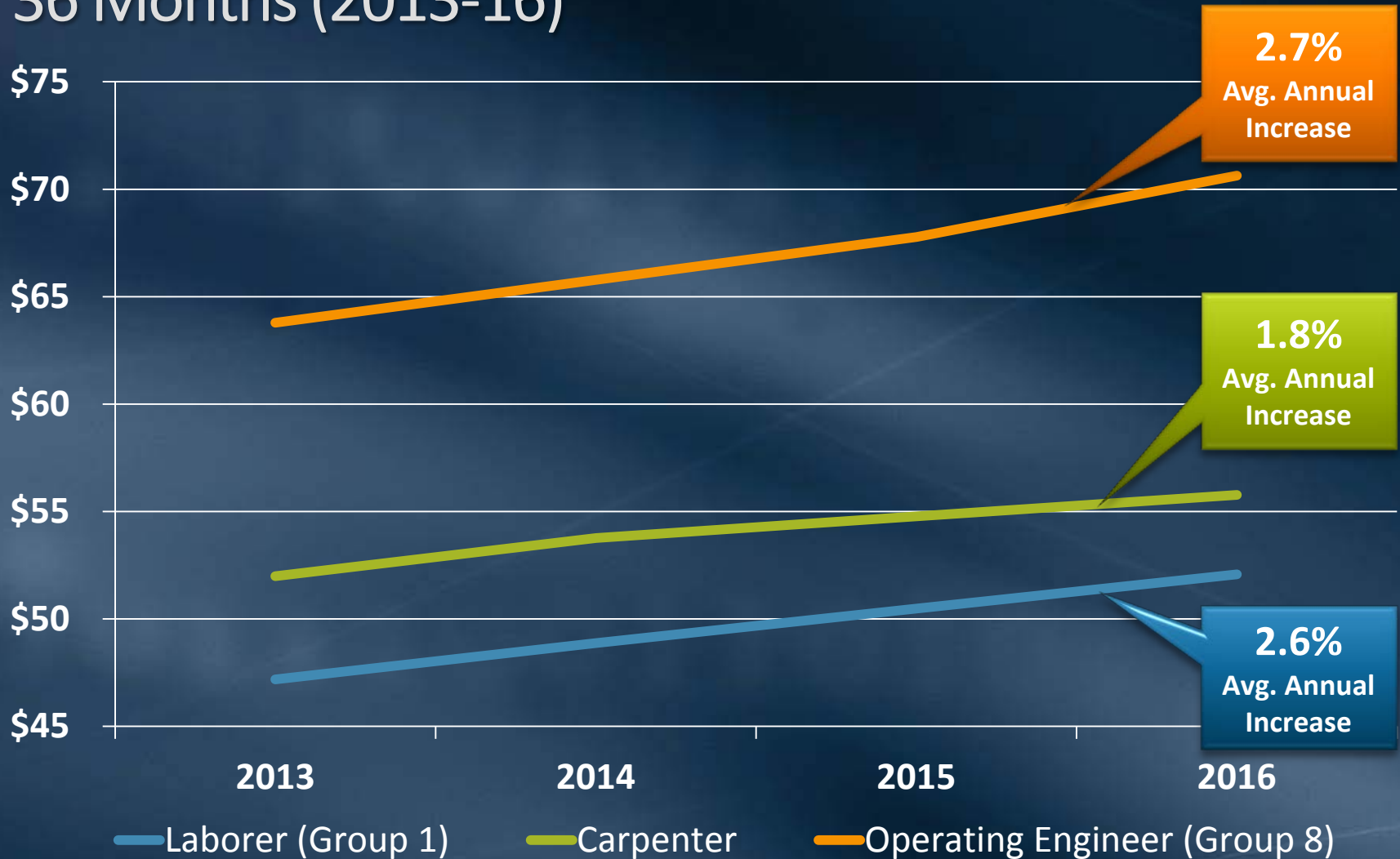
12 Months (Oct 2015 to Sep 2016)



(Source: Engineering News Record)

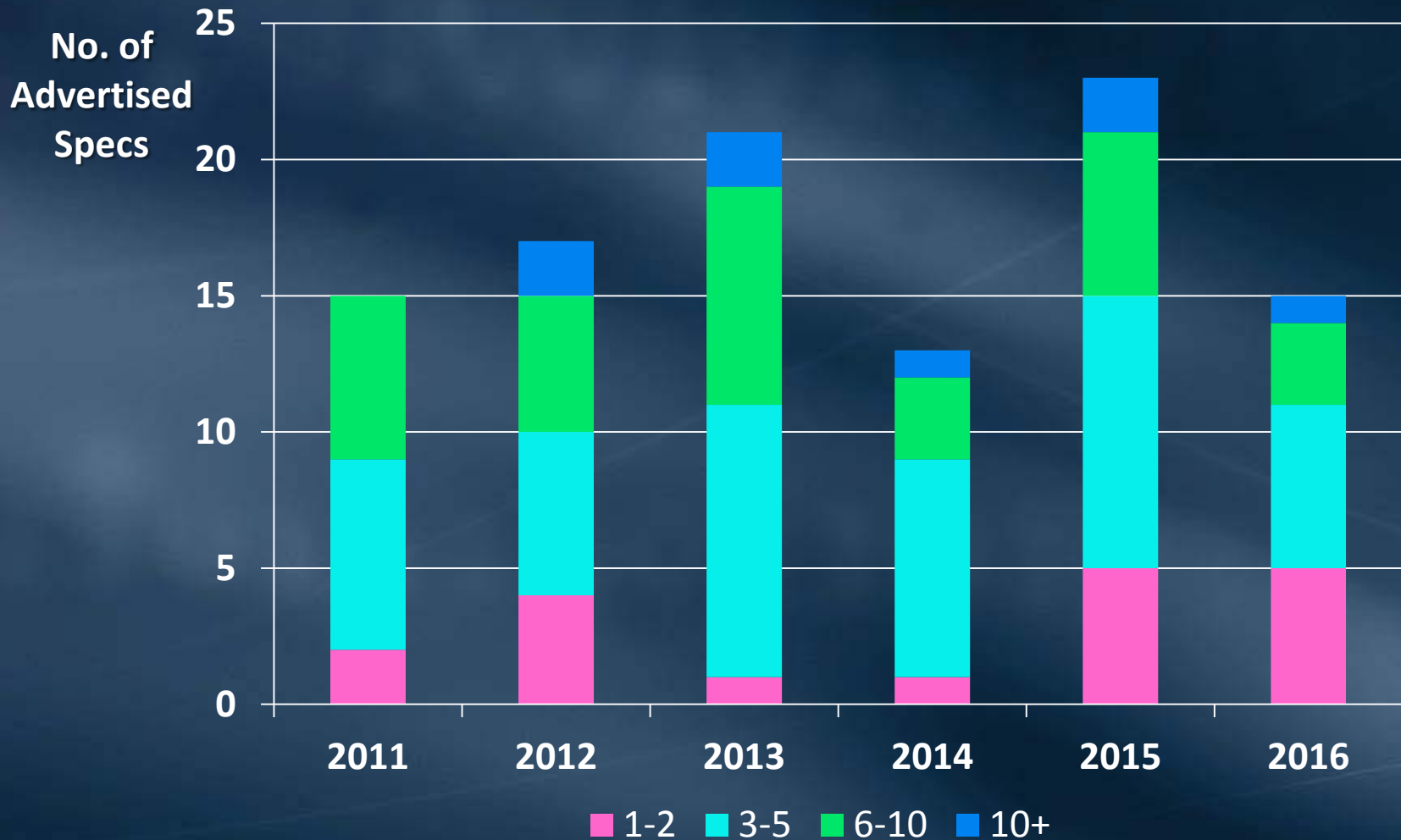
Prevailing Wages

36 Months (2013-16)



Source: Calif. Dept. of Industrial Relations

Average No. of Bids on Metropolitan Projects (2011-16)



Engineering & Operations Committee

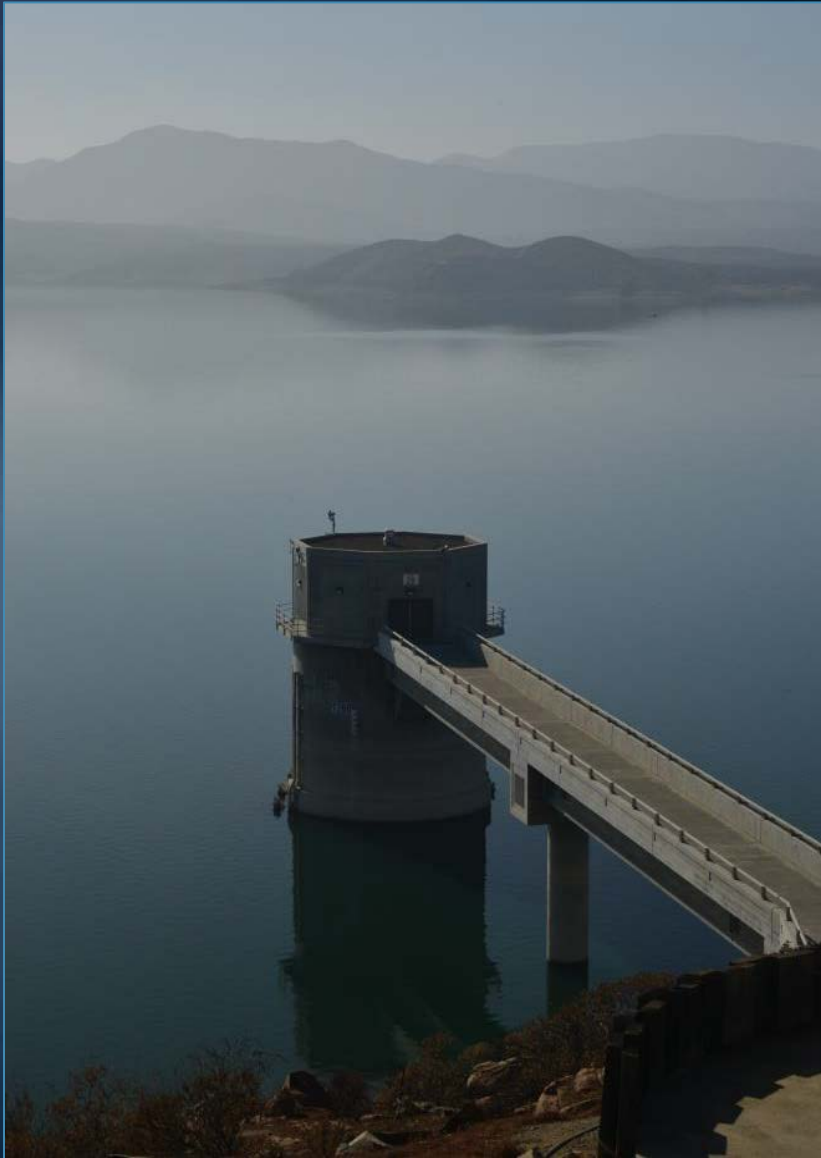
2016 Inspection Trip



Inspection Trip Sites



Lake Mathews



Lake Mathews



Lake Mathews



Diemer Water Treatment Plant



Diemer Water Treatment Plant



Palos Verdes Reservoir



Palos Verdes Reservoir



