



Annual Efficiencies Report to the California Transportation Commission Fiscal Year 2018-19

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2018-19 SB1 Annual Efficiencies

- Methodology
- Types of Efficiencies
- Efficiency Category



2018-19 SB1 Annual Efficiencies

Innovative Tools

1. Acceleration of Work	\$64,000,000
2. Innovative Strategies in Striping Contracts	\$30,400,000
3. Construction Manager / General Contractor	\$14,400,000
4. Advance Mitigation Credits	<u>\$123,000</u>
Sub-total Innovative Tools	\$108,923,000

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New Technology

1. High Reflective Materials for Striping	\$16,500,000
2. Highway Lighting LED Retrofit Project	\$5,700,000
3. Global Positioning Satellite in Fleet	\$2,200,000
4. Mobile Field Devices	\$1,500,000
5. High Performance Reflective Signs	<u>\$226,000</u>
Sub-total New Technology	\$26,126,000

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Process Improvements

1. Value Analysis	\$49,000,000
2. Streamlining Environmental Review – NEPA	\$41,500,000
3. Value Engineering Change Proposal	\$4,400,000
4. Lean 6 Sigma Projects	\$3,181,000
Sub-total Process Improvements	\$98,081,000



Efficiency Measure Verification Audit

- The objective of the audit was to determine for Value Analysis (VA), CM/GC, and NEPA Assignment whether:
 - Savings reported were supported
 - Methodology development will result in actual savings in the future for CM/GC and VA
- Key Findings
- All recommendations have or will be incorporated.



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THANK YOU

