

A large yellow map of California with white county boundaries is positioned on the left side of the page. In the background, a faded image of a city street with cars and traffic lights is visible. A white, stylized graphic element resembling a road or a ribbon curves across the top of the page.

California Statewide Local Streets & Roads Needs Assessment 2016 Update

California Transportation Commission

Sacramento, CA

January 18, 2017



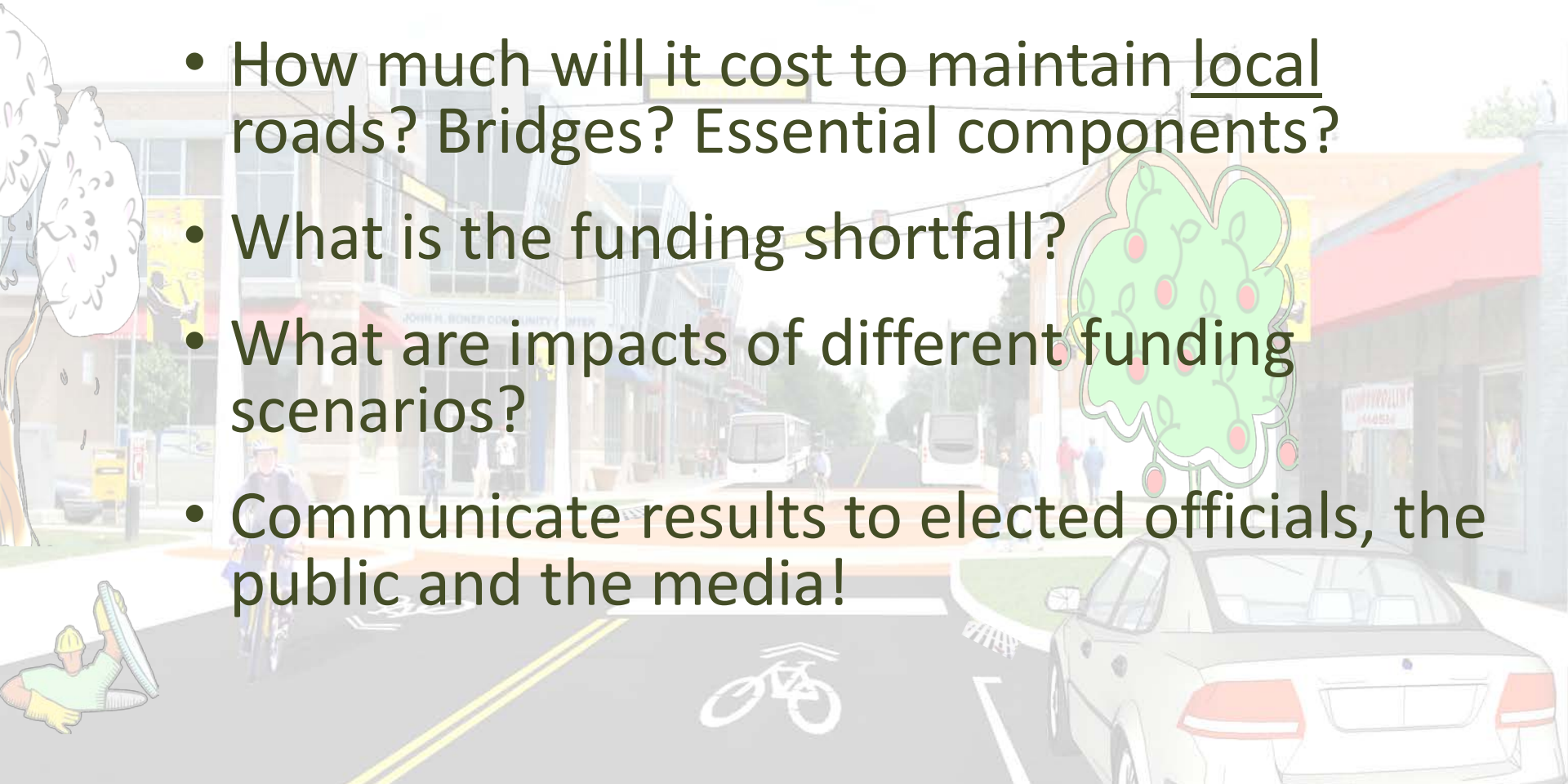
RTPA
RCTF



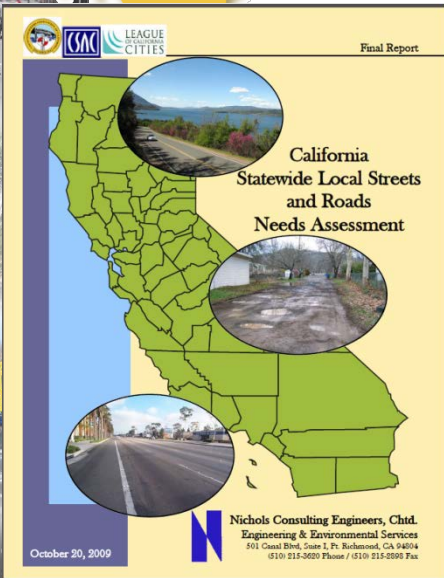


Project Objectives

- What are pavement conditions statewide?
- How much will it cost to maintain local roads? Bridges? Essential components?
- What is the funding shortfall?
- What are impacts of different funding scenarios?
- Communicate results to elected officials, the public and the media!



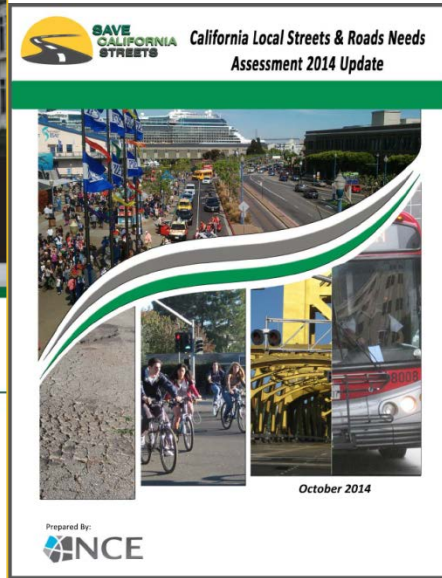
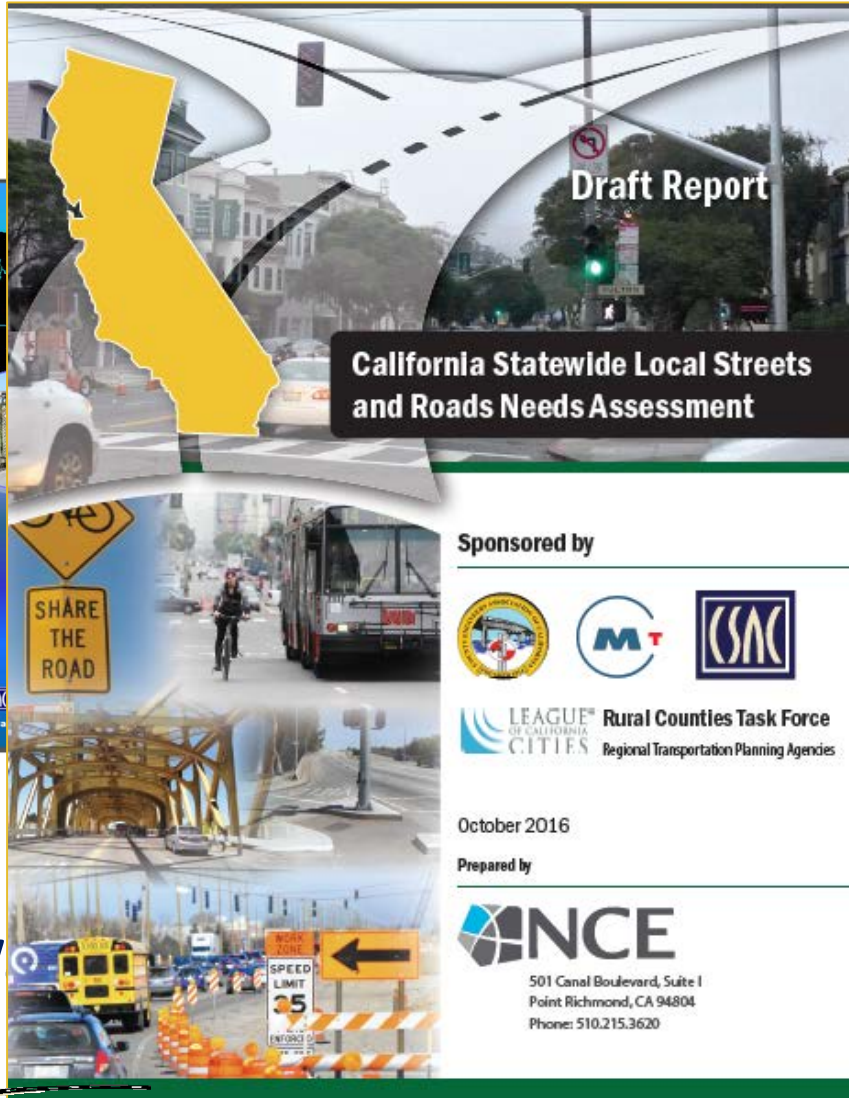
Statewide Updates (2008-2016)



2008

www

www.SaveCaliforniaStreets.org



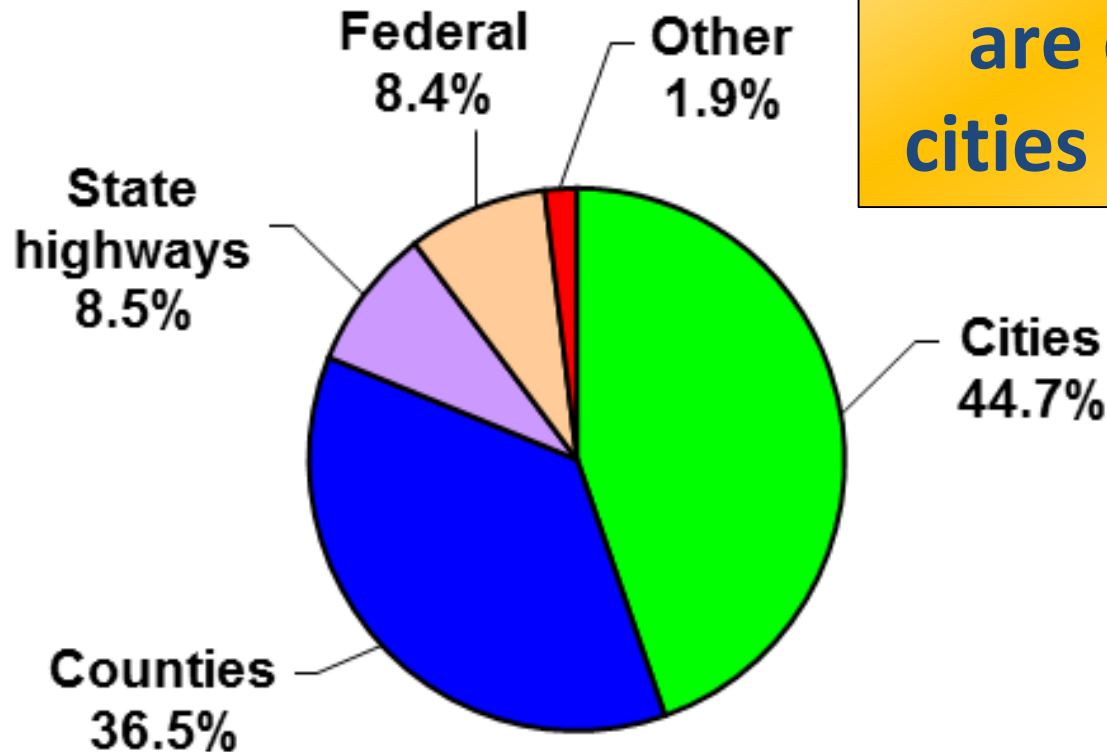
2014

rg



Local Roads Are A Huge Part of California's Network

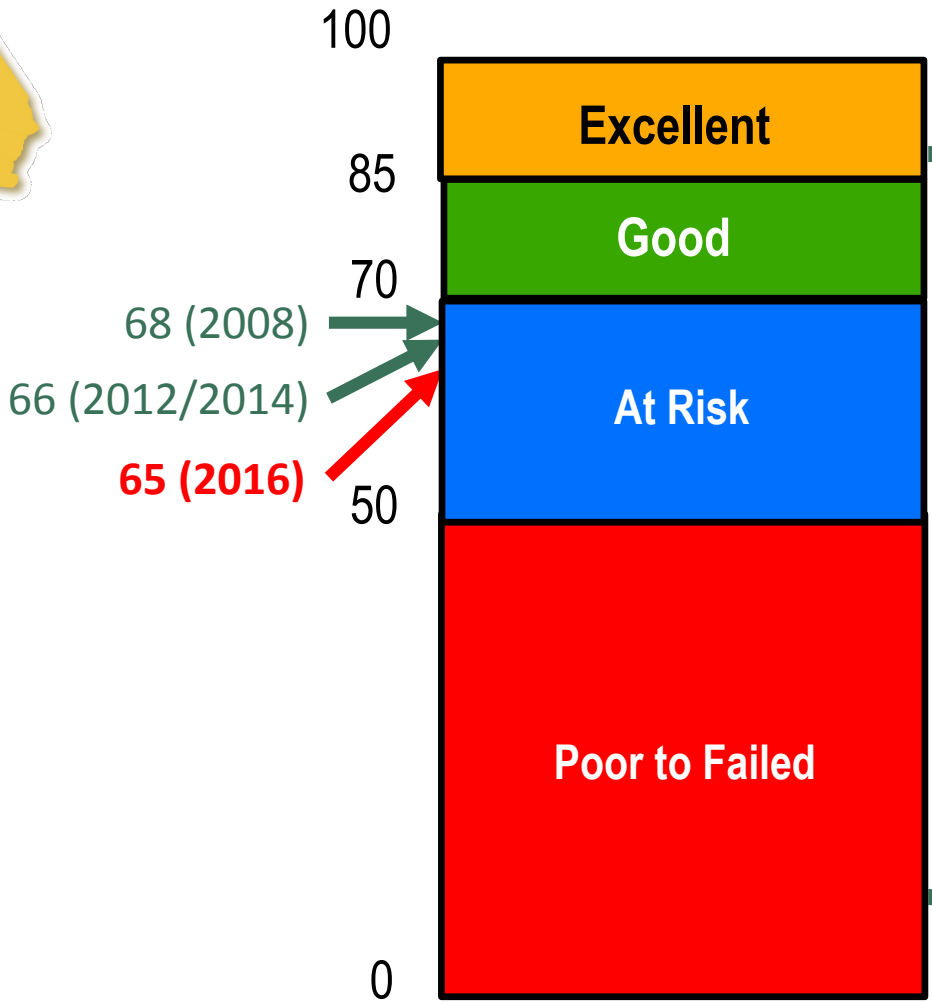
More than 81% of California's roads are owned by cities & counties!



Pavements



Average Statewide PCI



PCI of 65 looks like this ...

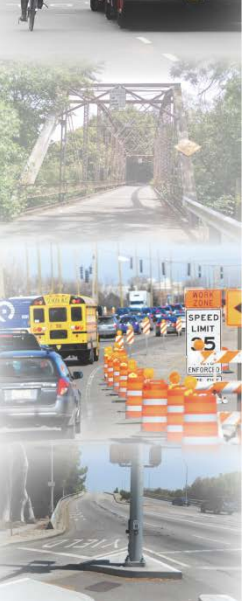


Complete Streets



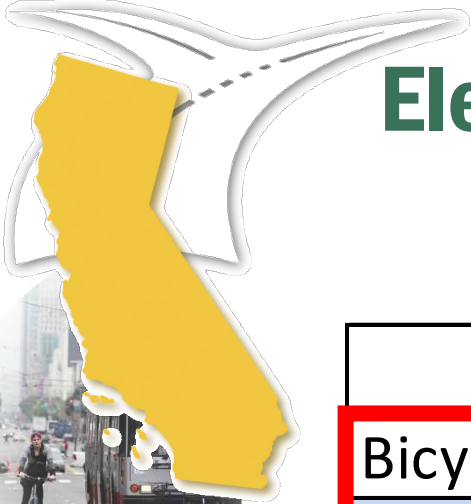
Complete Streets

- 2016 Responses: 421
- Adopted complete streets policy?
 - Yes (187)
 - No (190)
 - Don't know (31)
- 12% of streets are eligible



Elements Included in Complete Street Policies

Element	Agencies
Bicycle facilities	225
Pedestrian facilities	228
Landscaping	182
Medians	179
Lighting	172
Roundabouts	111
Traffic Calming e.g. reducing lane widths	176
Signs	201
Curb Ramps	219
Transit elements	100



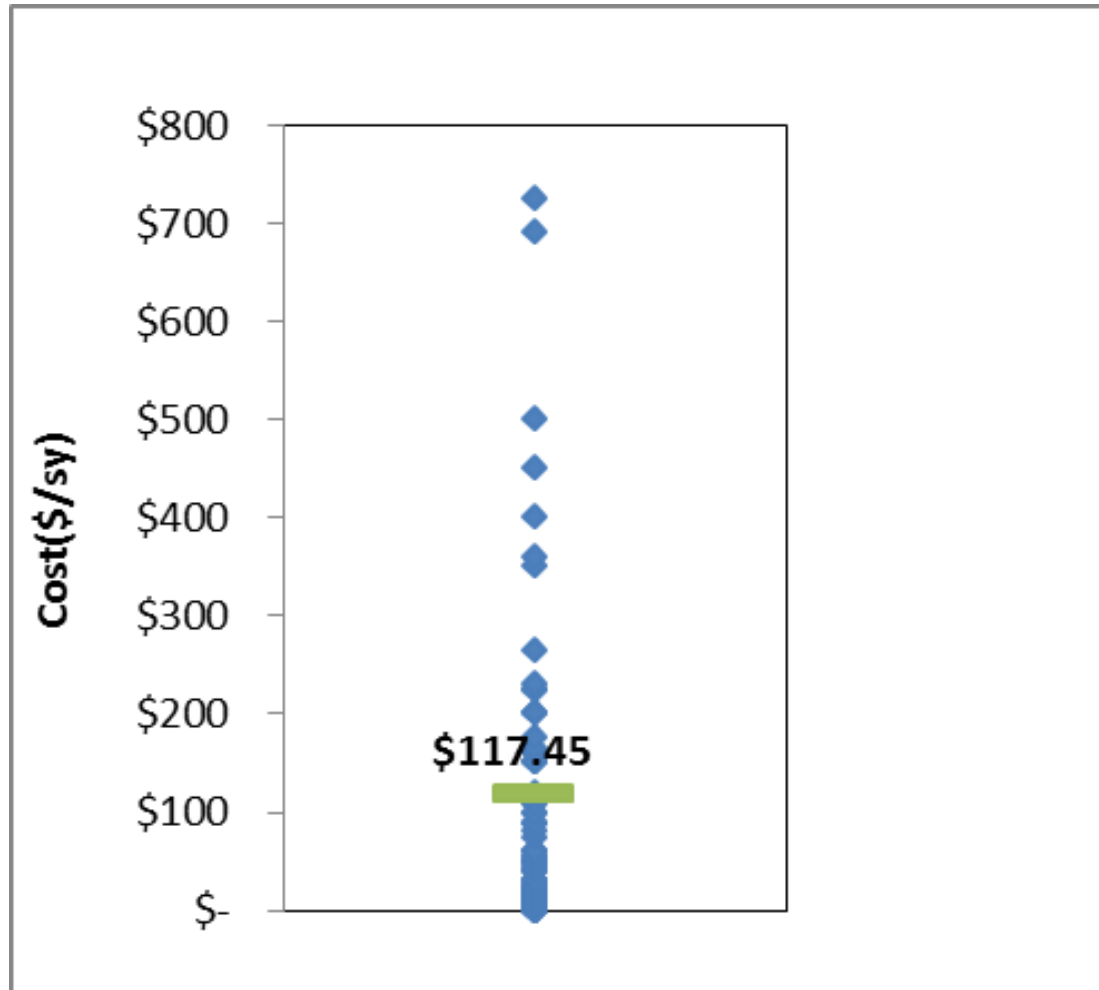
Responses - Complete Streets

- Plans to incorporate CS elements?
 - Yes (152), No (55)
- Challenges

Challenge	Agencies
Insufficient rightofway	193
Trees/environmental features	130
Existing structures	154
Insufficient funding	231
Other	43



Incremental Costs (Ranges from \$1-\$700/sy!)





Complete Streets - Case Studies

City of Glendale



Population: 191,719

Street network: 336 miles

Complete street elements:

- Bulb outs and traffic circles
- Traffic signals
- Street trees
- Interpretive signing

Incremental cost: \$45/sy



City of Pleasant Hill



Population: 33,152

Street network: 109 miles

Complete street elements:

- ADA upgraded and sidewalks
- Bike lanes
- Landscaping
- LED lighting and signal

Incremental cost: \$88/sy



City of Concord



Population: 122,067

Street network: 310 miles

Complete street elements:

- Bicycle lanes
- Curb & gutters
- Sidewalks

Incremental cost: \$230/sy



SHARE
THE
ROAD



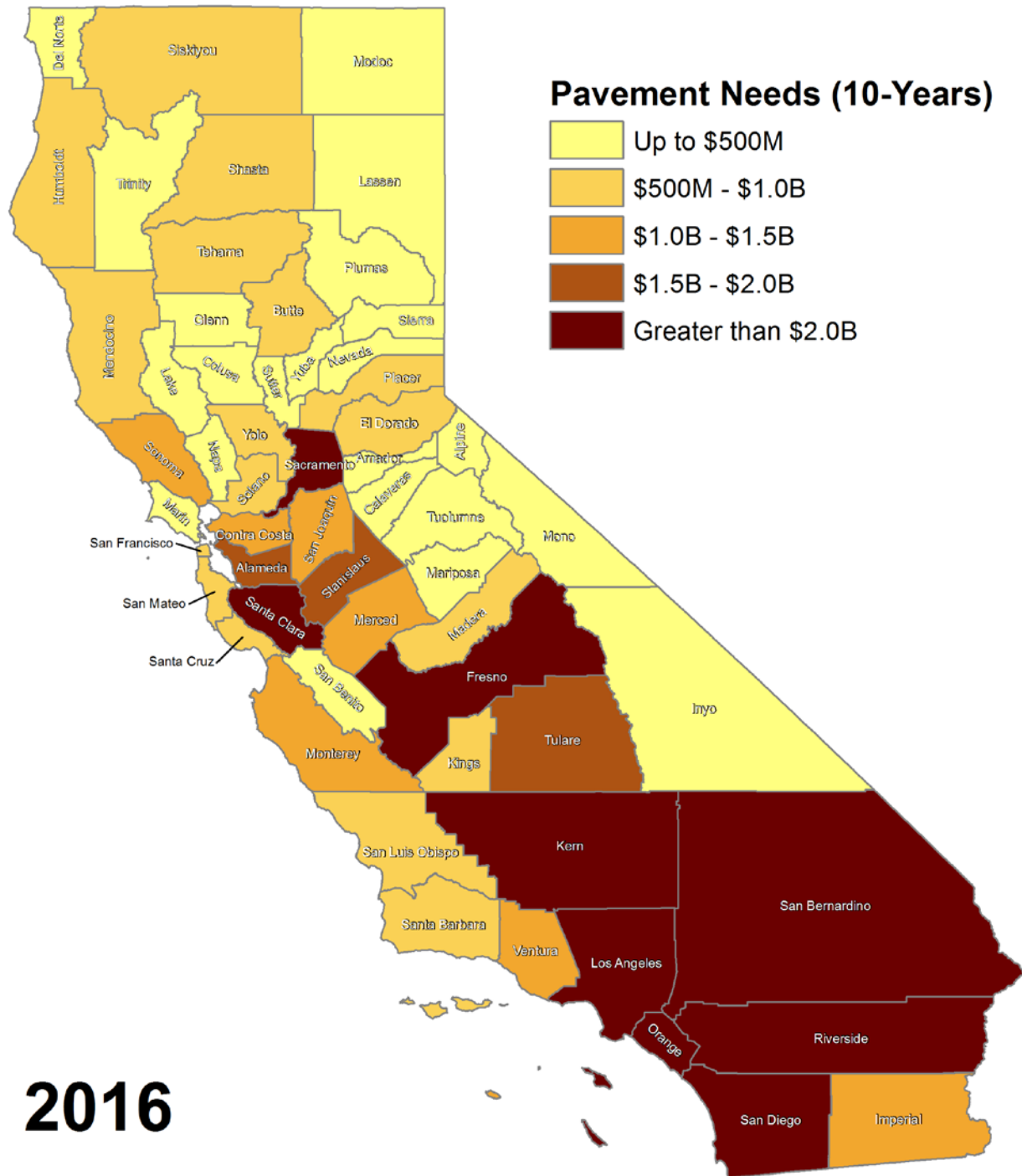


There are 9,307 miles of unpaved roads that need \$918 million over 10 years

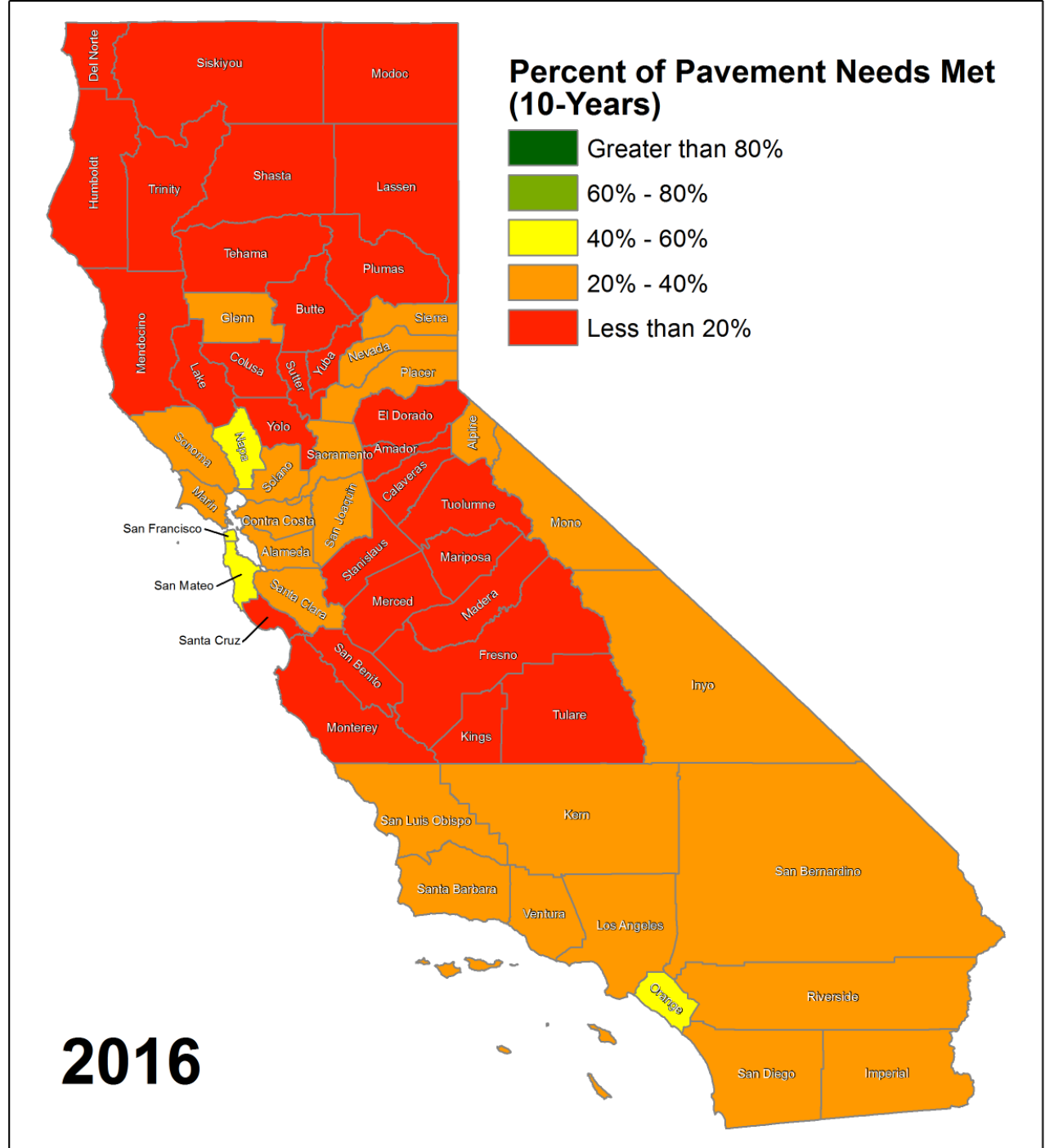


**Total Pavement Needs = \$70 billion
over 10 years**

Pavement Needs \$70 B



Percent Needs Met



Essential Components

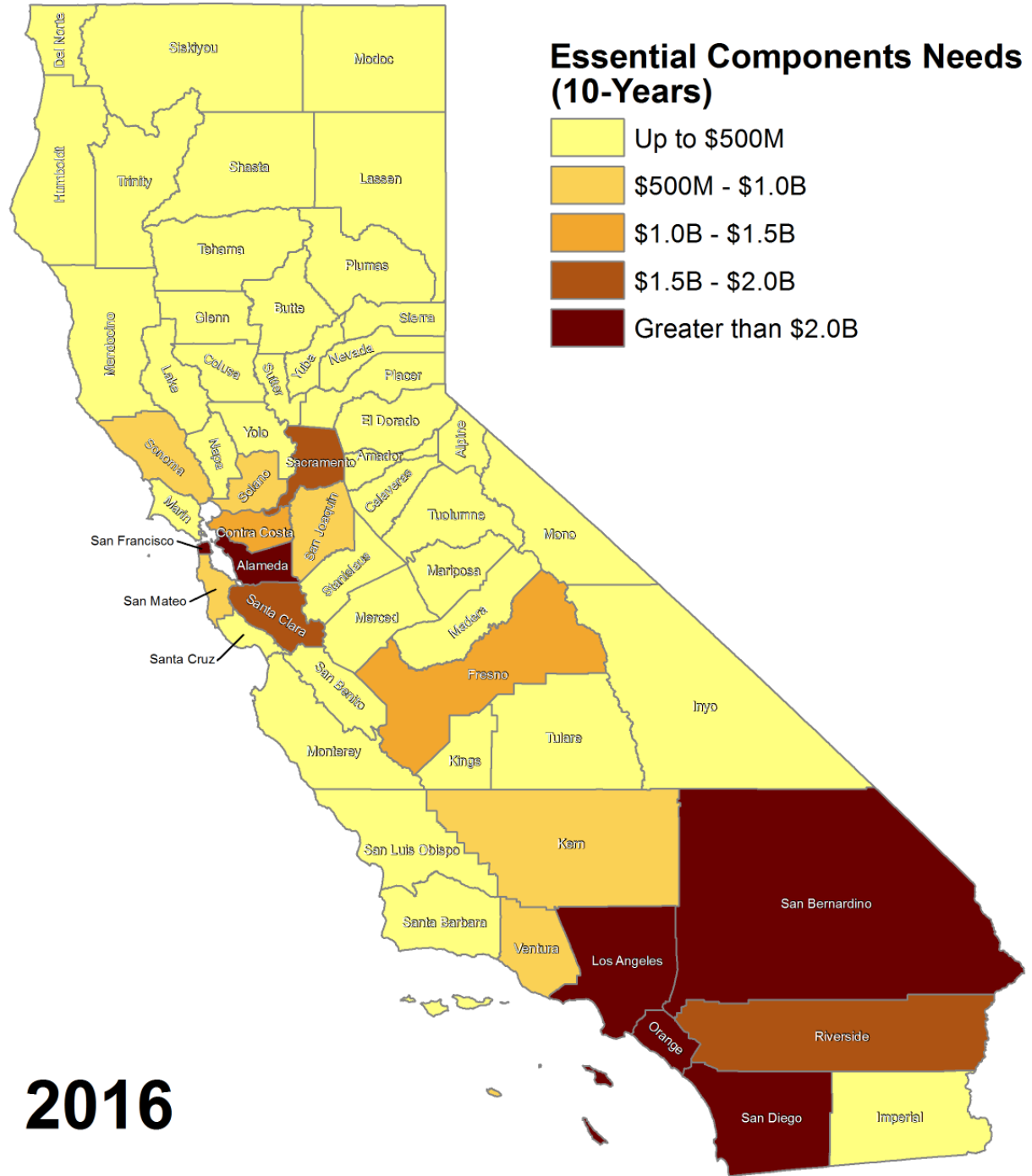


Essential Components Include:



They add up ... approximately 30% of total needs!

**Essential
Component
Needs
\$32.1 B**



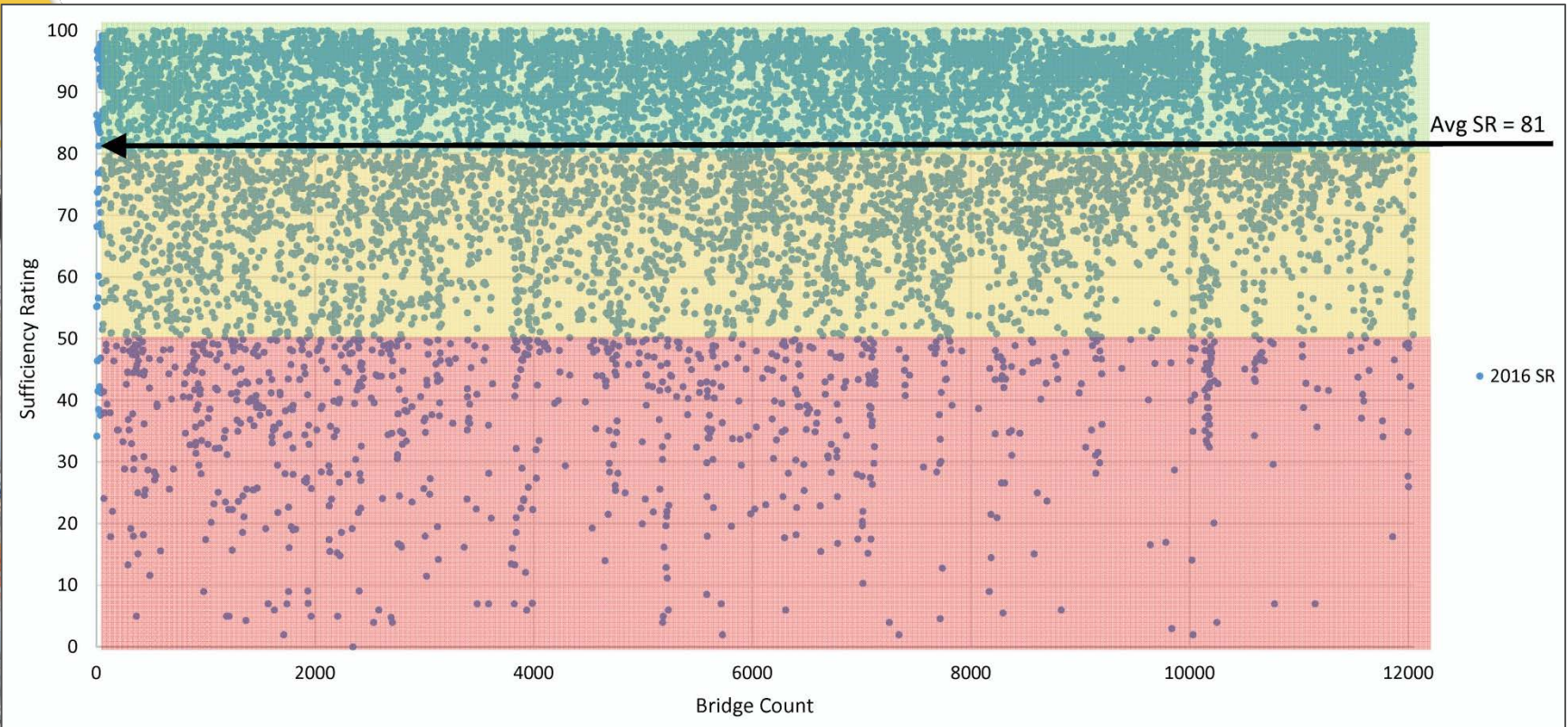
Local Bridges



How Many Local Bridges?



Sufficiency Rating – All NBI Bridges

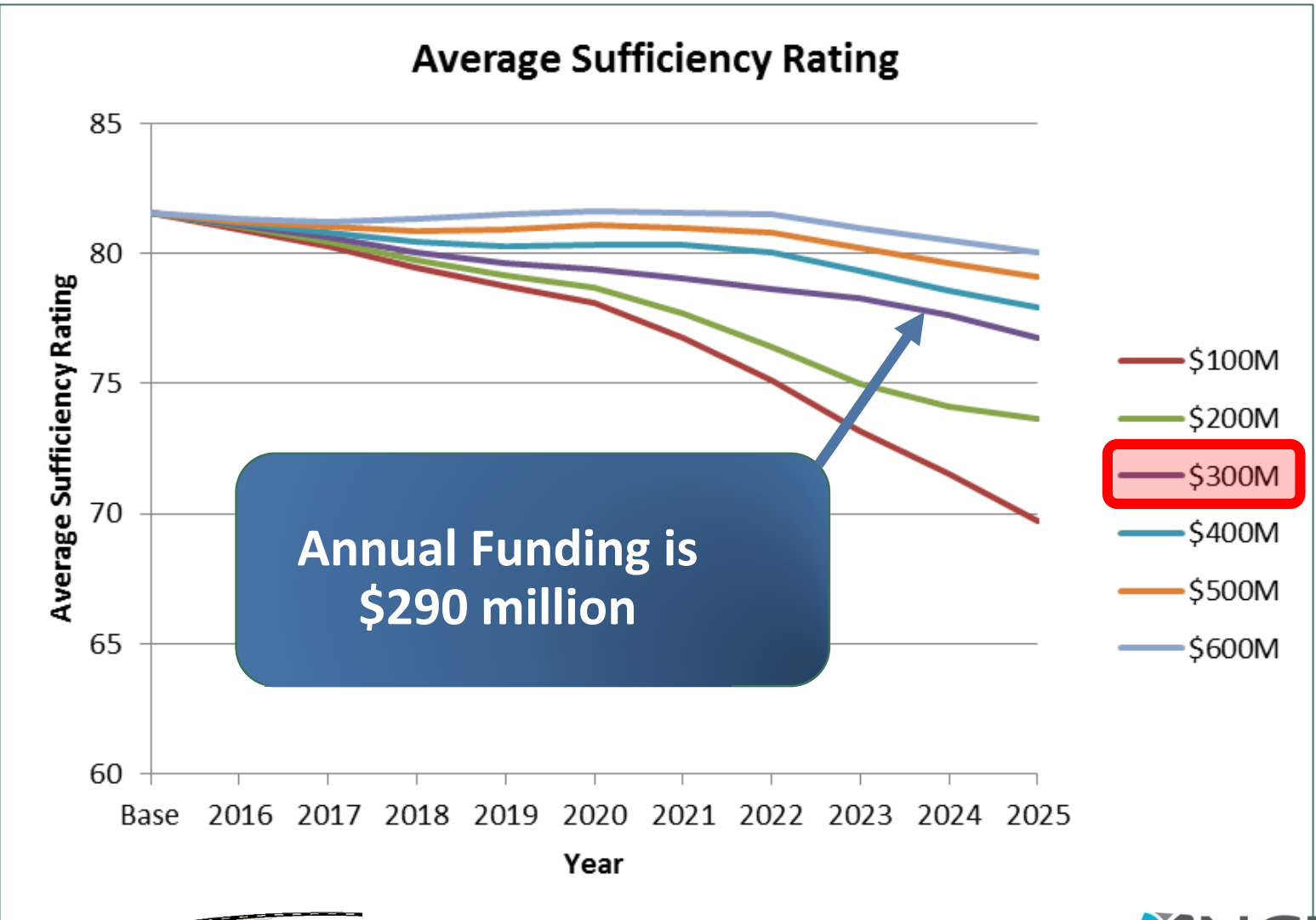


1,448 are structurally deficient
1,930 functionally obsolete

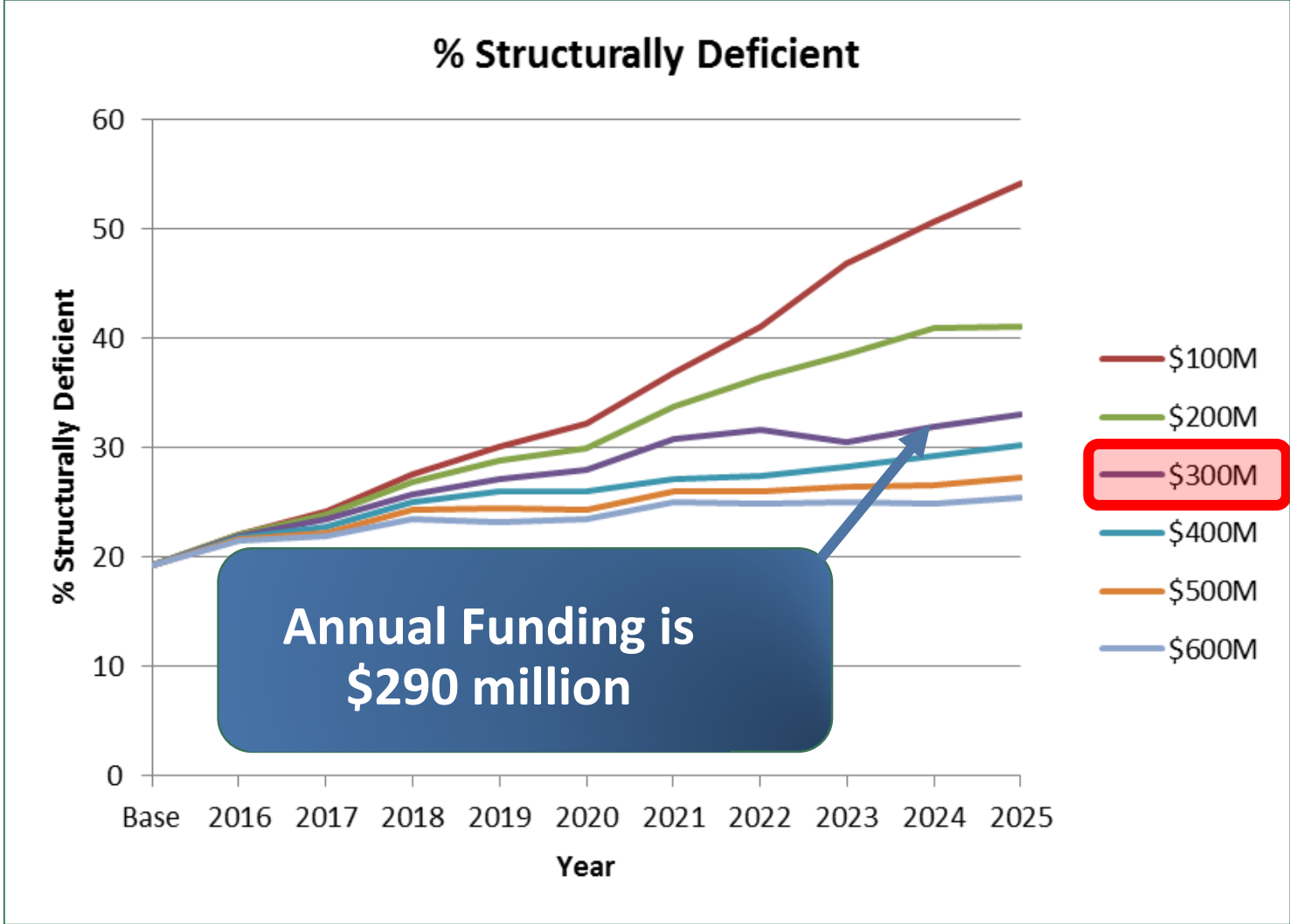
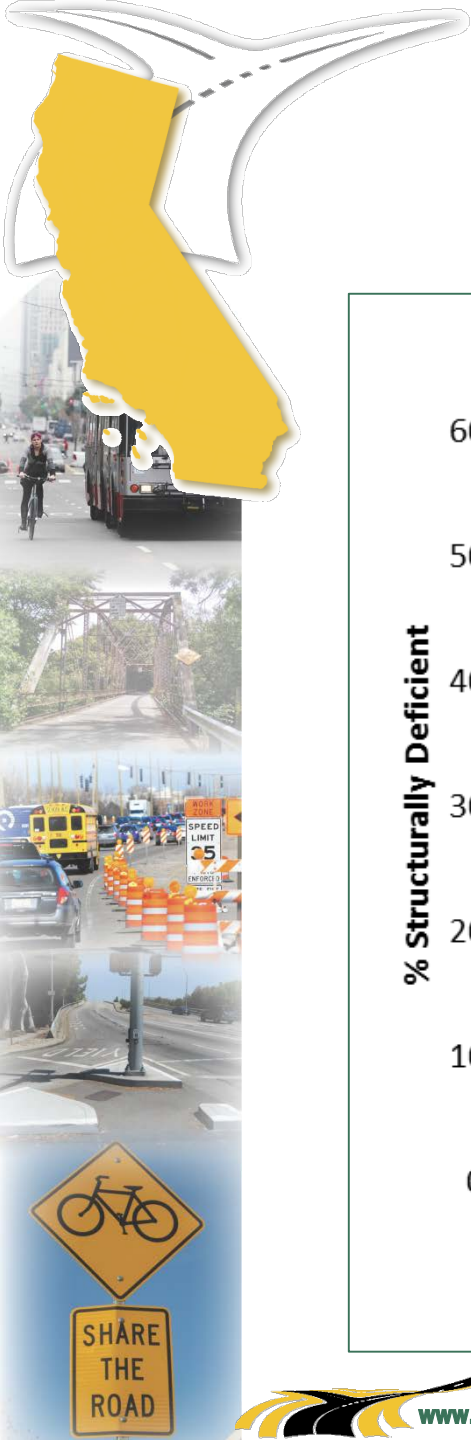
829 require replacement
1,834 require rehabilitation



Bridge Scenarios

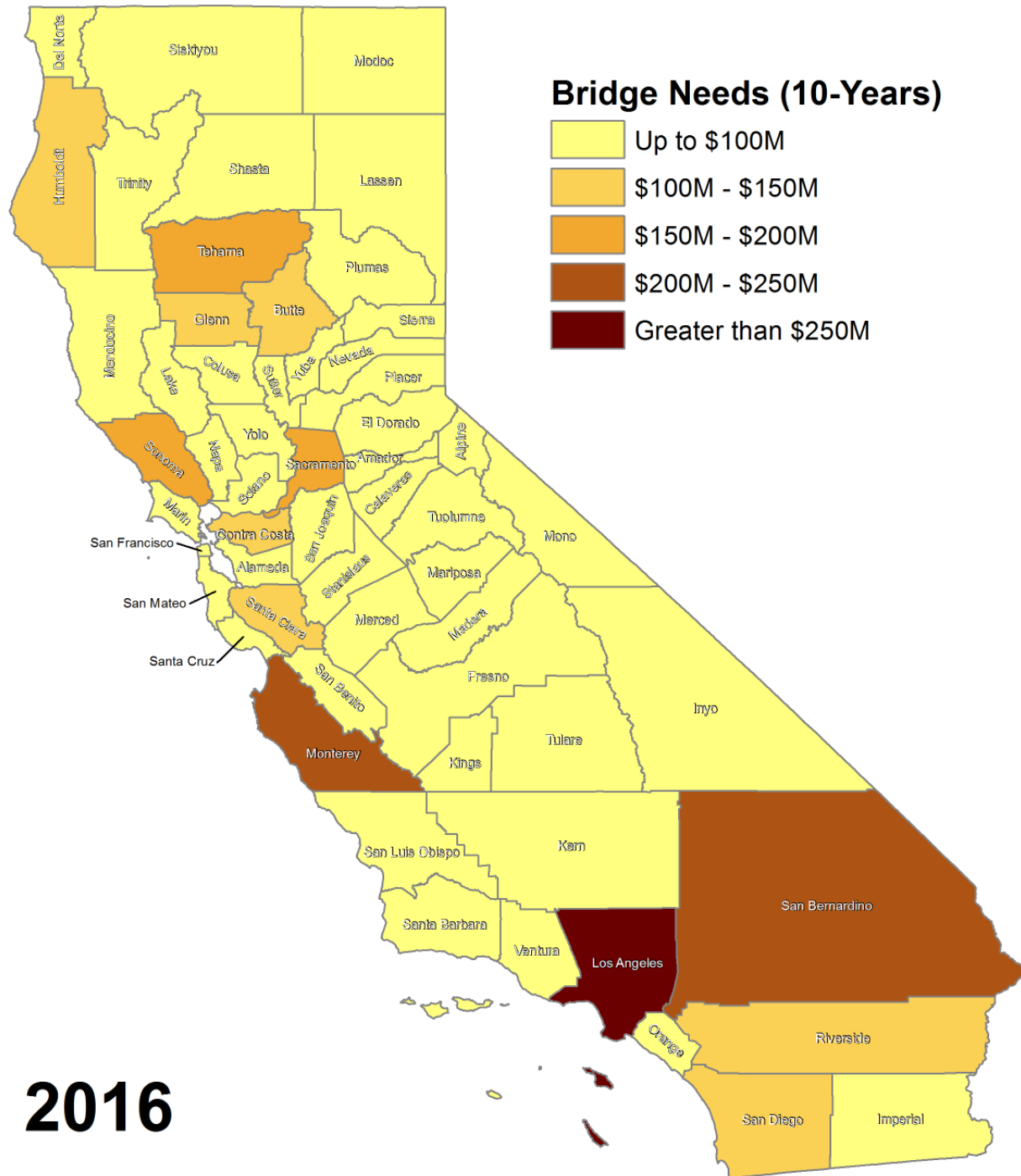


Bridge Scenarios

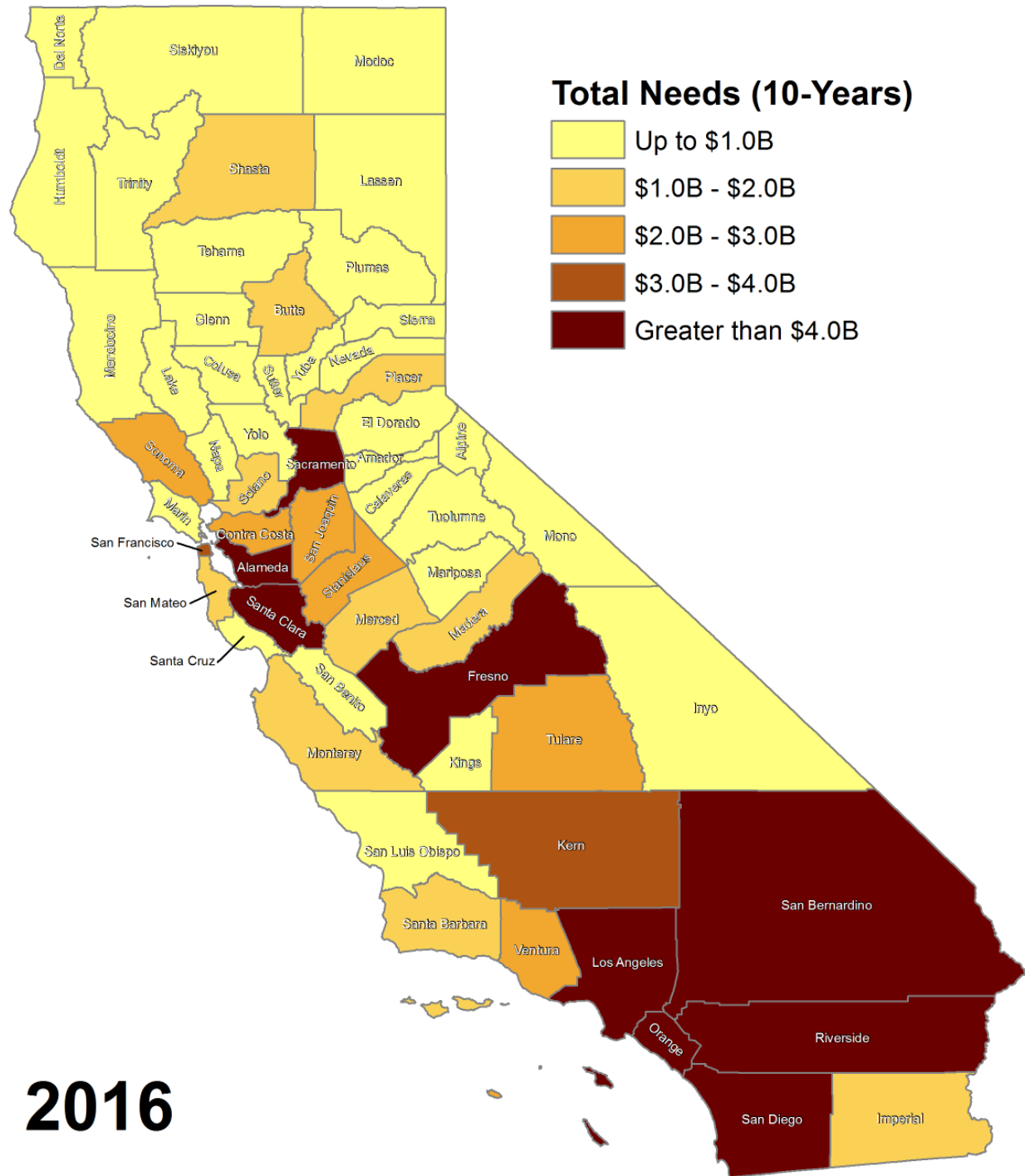


Annual Funding is \$290 million

**Bridge
Needs
\$4.6 B**



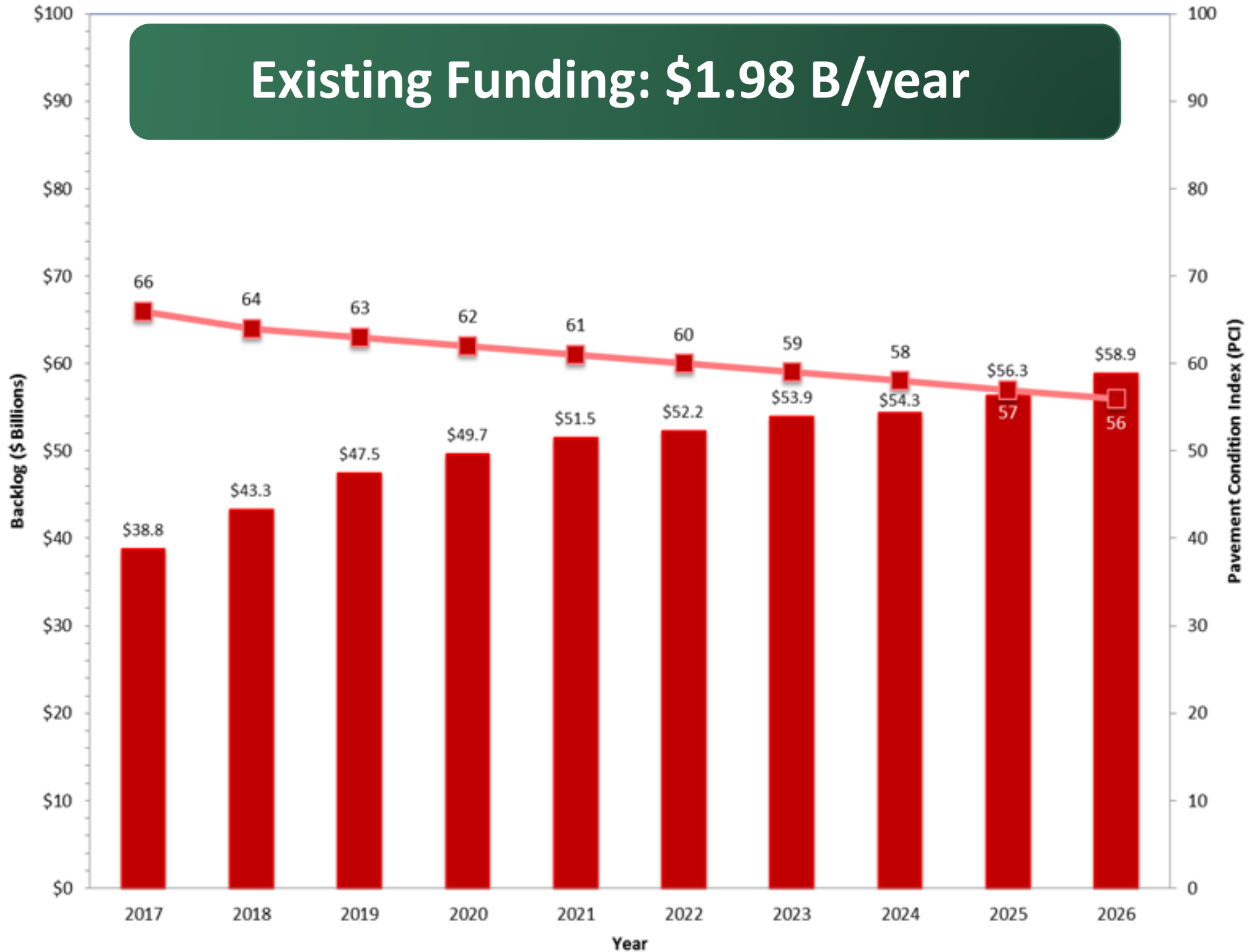
**Total
Needs**
(Pavements,
Essential
Components,
Bridges)
\$106.7 B



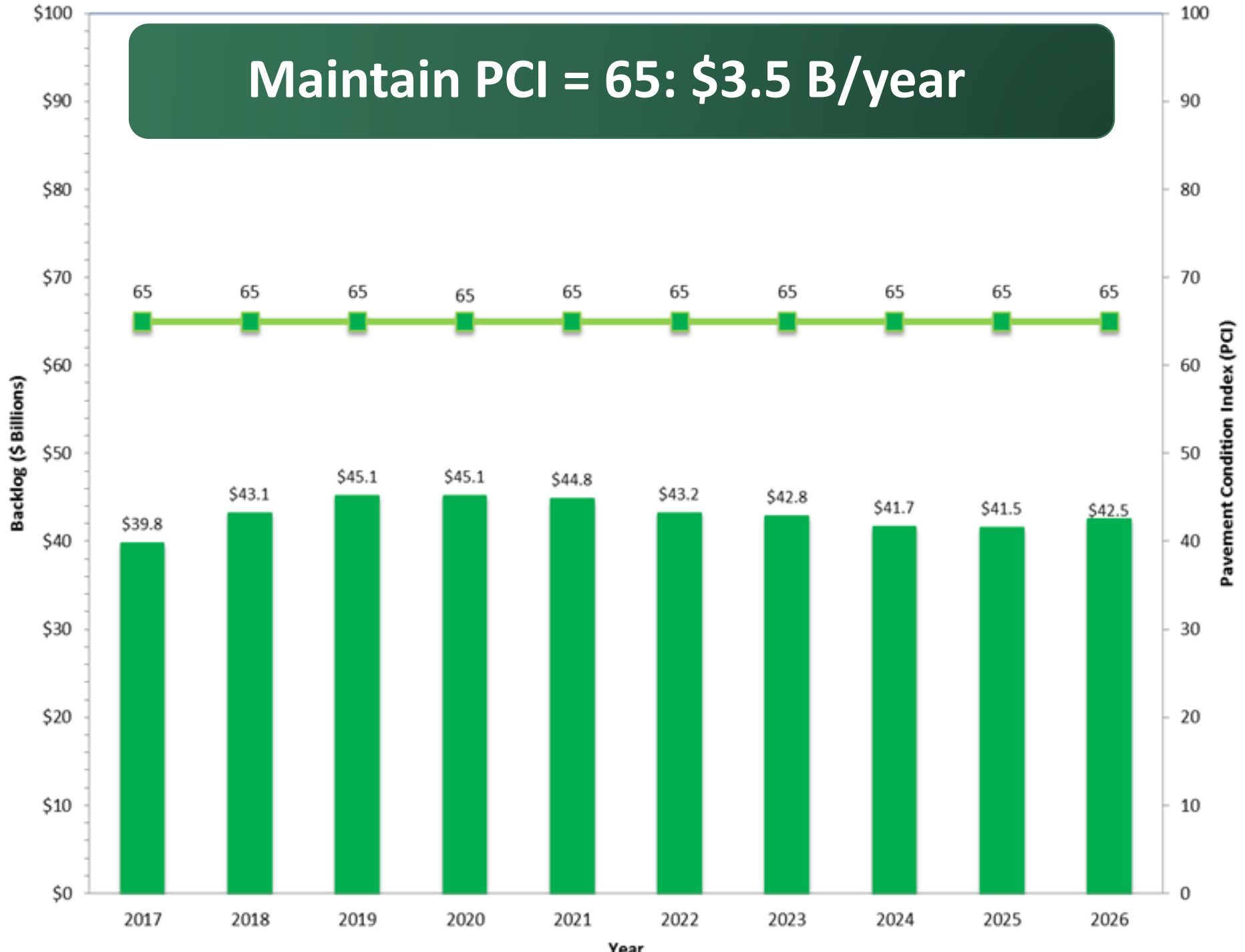
Funding Analysis

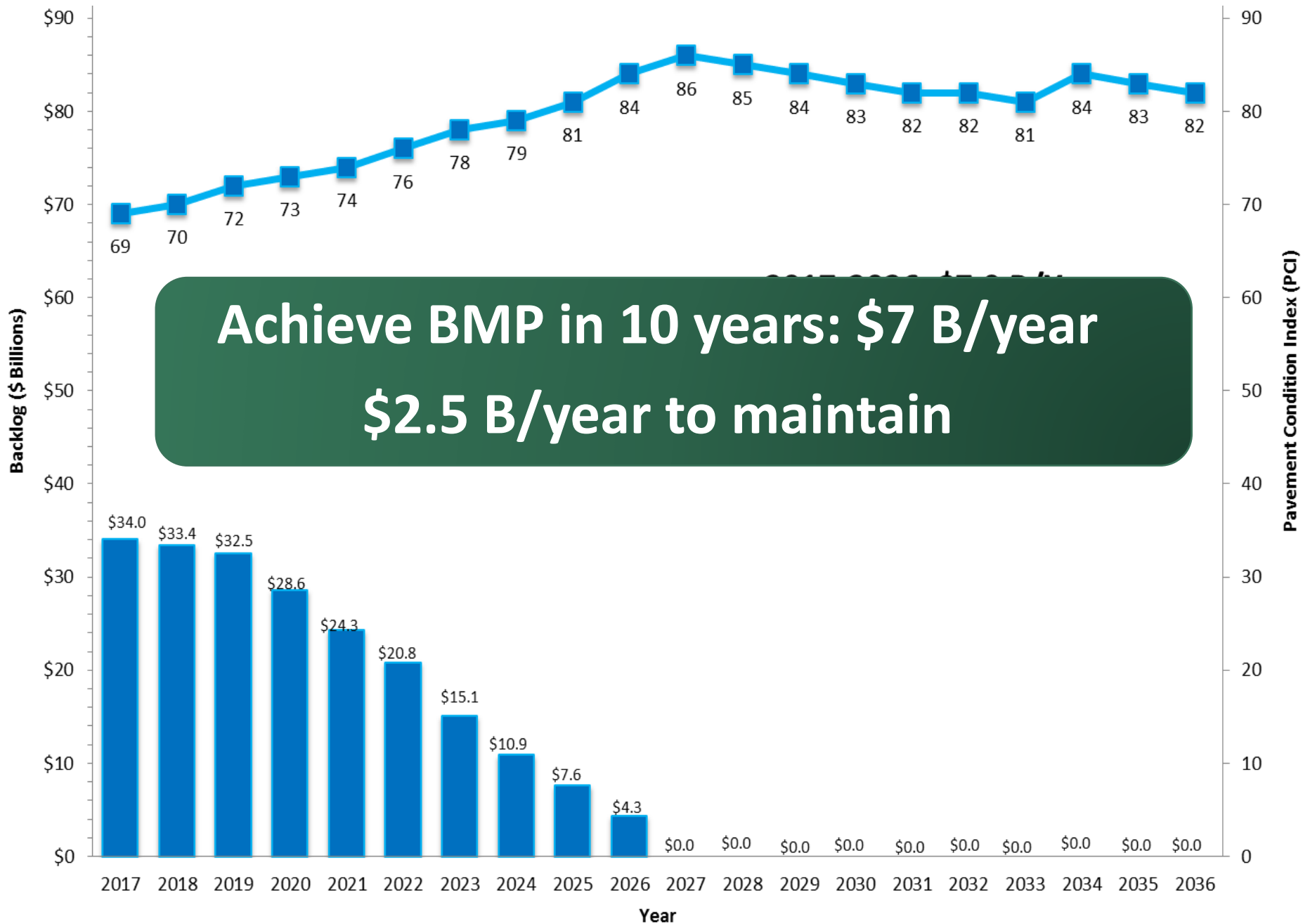



Existing Funding: \$1.98 B/year



Maintain PCI = 65: \$3.5 B/year







The percent of failed roads will increase from 6.9% to 22.2% by 2026 under current funding

Summary

Transportation Asset	2016		
	Needs	Funding	Shortfall
Pavement	\$ 70.0	\$ 19.8	\$ (50.2)
Essential Components	\$ 32.1	\$ 11.0	\$ (21.1)
Bridges	\$ 4.6	\$ 2.9	\$ (1.7)
Totals	\$ 106.7	\$ 33.7	\$ (73.0)





Questions?

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