SAVE CALIFORNIA STREETS

California Statewide Local Streets & Roads Needs Assessment

2014 Update

RTPA
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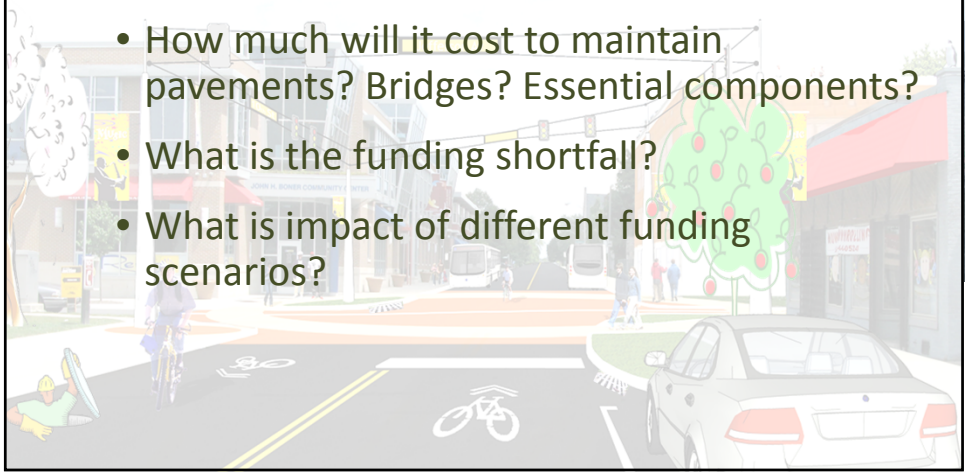
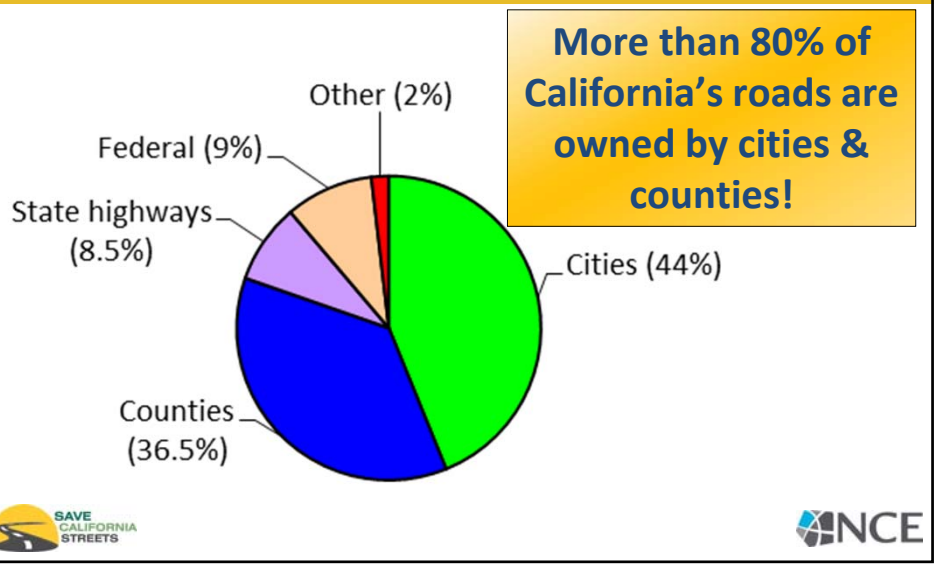
Background

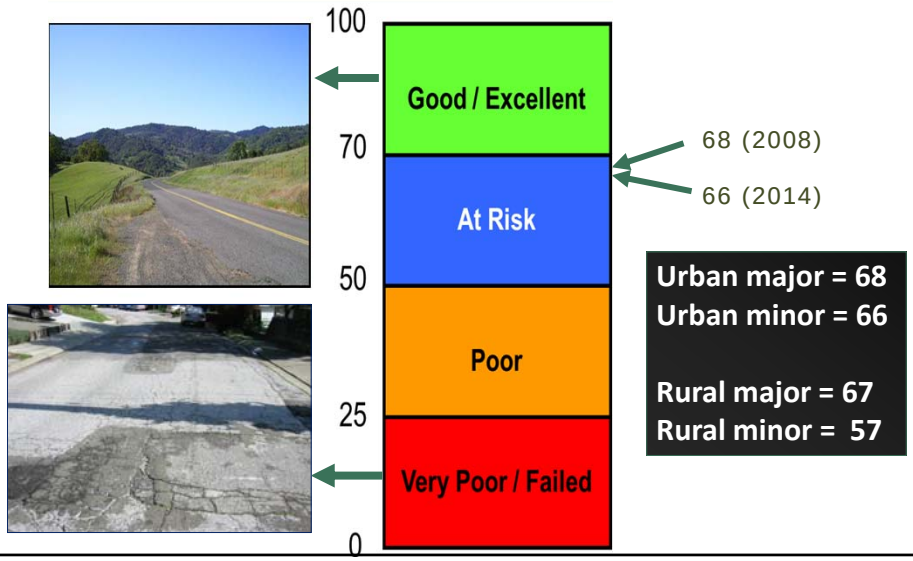
- What are pavement conditions statewide?
- How much will it cost to maintain pavements? Bridges? Essential components?
- What is the funding shortfall?
- What is impact of different funding scenarios?



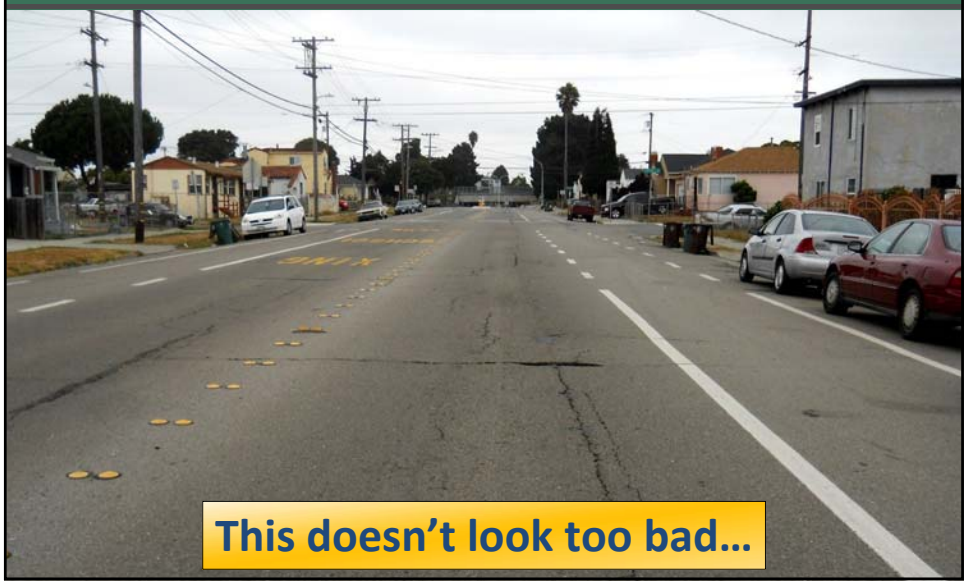
Local Roads Are Huge Part of California's Network



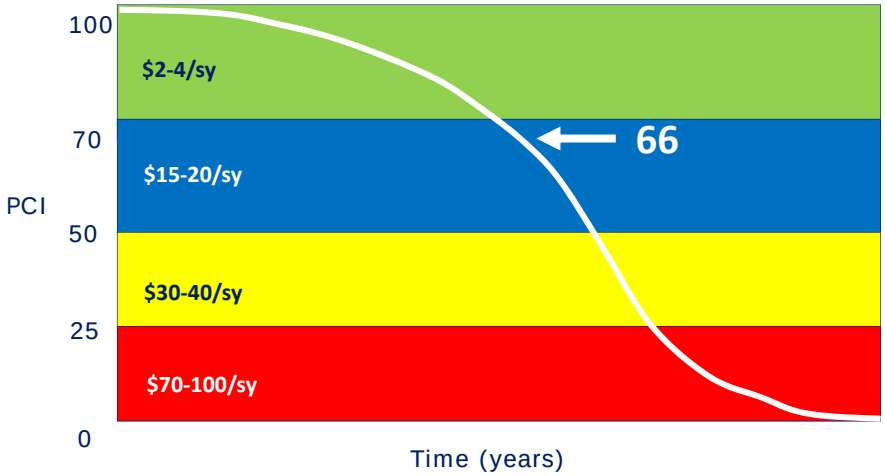
Average Pavement Condition Index



Statewide Average PCI = 66



So Why is 66 Critical?



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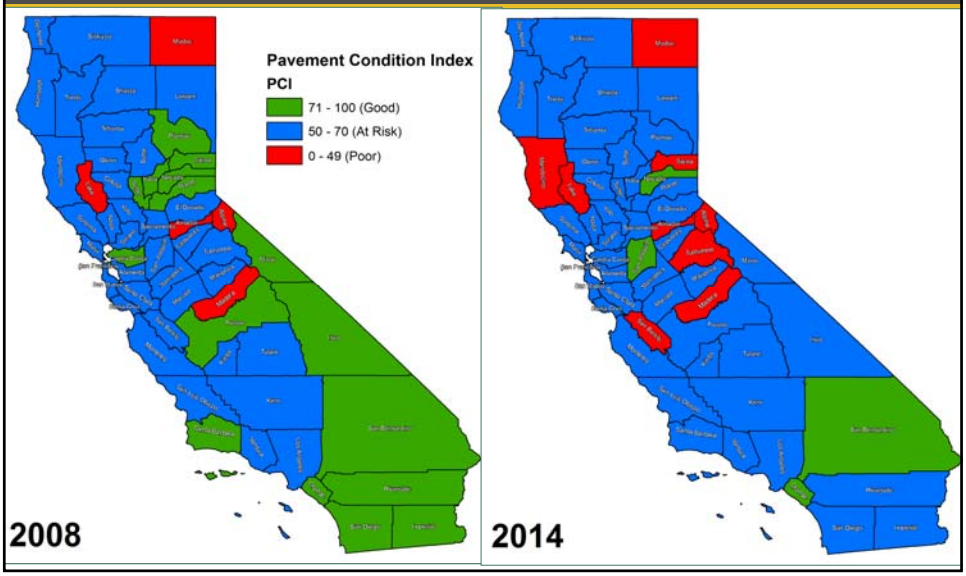
PCI Trends



Sustainable Pavement Strategies

Sustainable Pavement Strategies	No. of Agencies			Average % Savings
	No. of Responses	Savings	Add'l Costs	
Reclaimed AC Pavement (RAP)	129	46	7	11%
Cold in place recycling	69	30	7	30%
Full depth reclamation	102	22	10	32%
Pavt Preservation	223	52	28	35%
Warm mix AC	63	7	8	-
Rubberized AC	187	15	67	-
Porous/Pervious pavements	27	2	6	-

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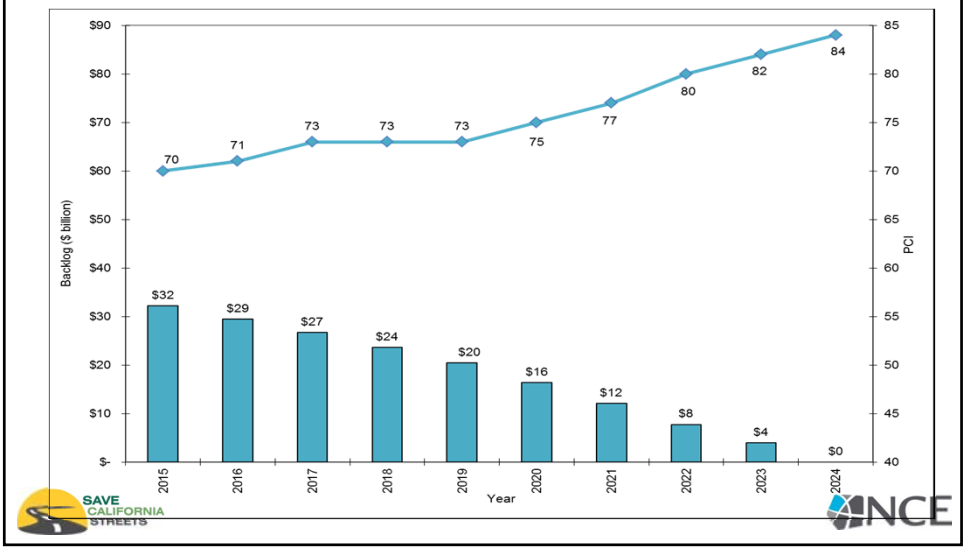
Complete Streets Policies

- Primarily bike and pedestrian facilities
- 28% of total agencies have a complete streets policy (triple the number from 2012)
- 21% have elements of policy in place
- Large range in costs - $15/sy to $700/sy

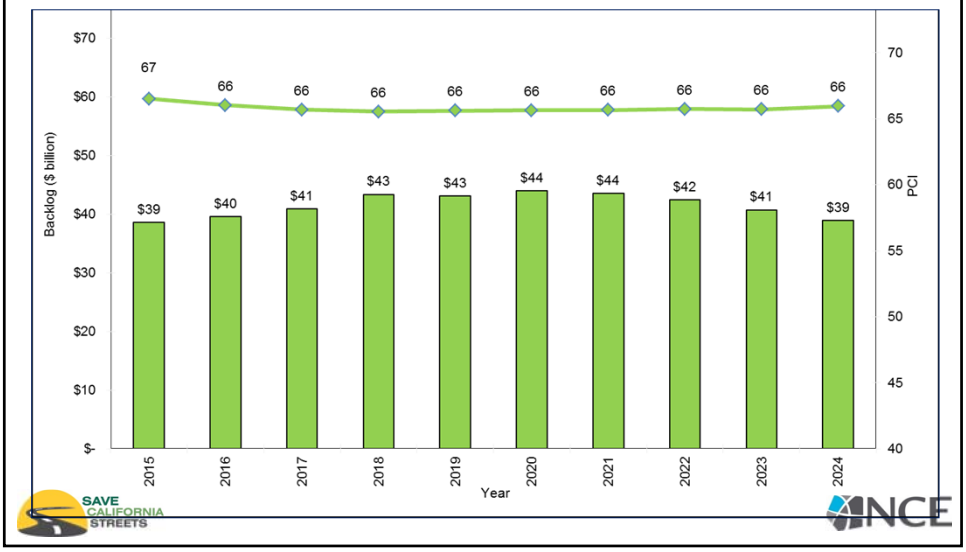
Funding Strategies for Pavements

RTPA
RCTF

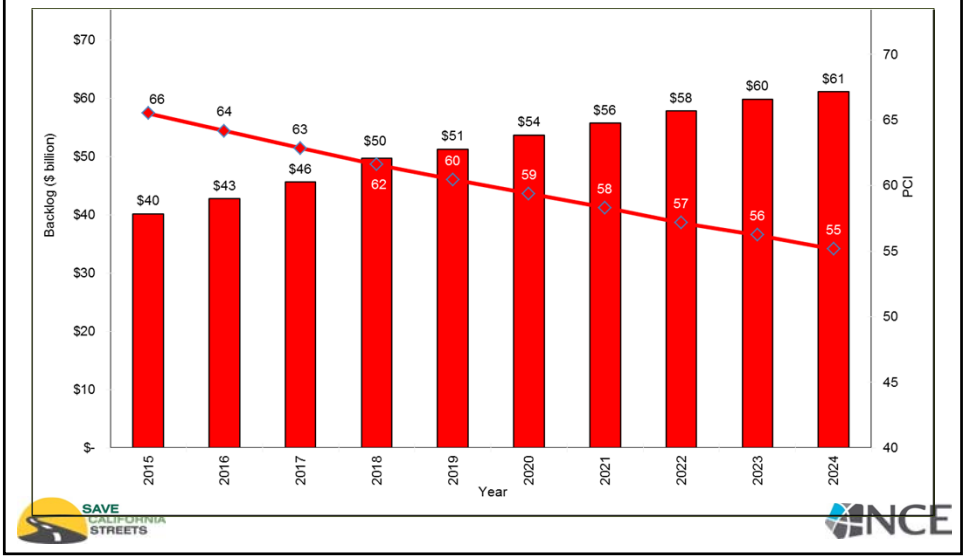
Reach Best Mgmt Practices: $7.3B/yr.



Maintain PCI = 66: $3.3B/year

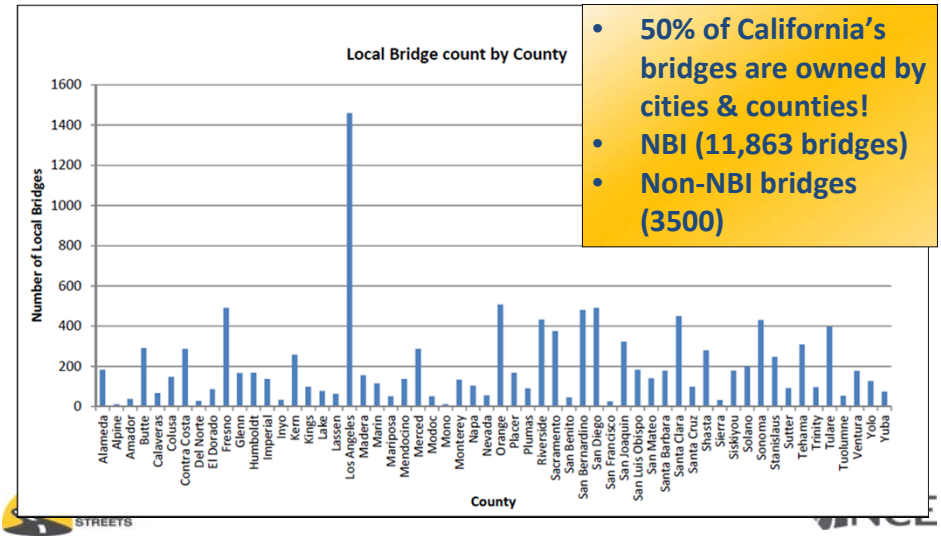


Existing Funding: $1.66B/yr.



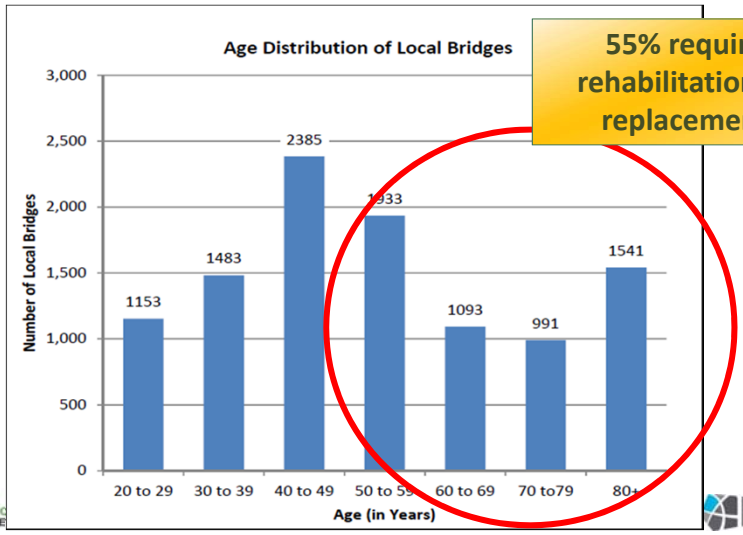
What Is a Failed Road?

Who Owns Bridges?



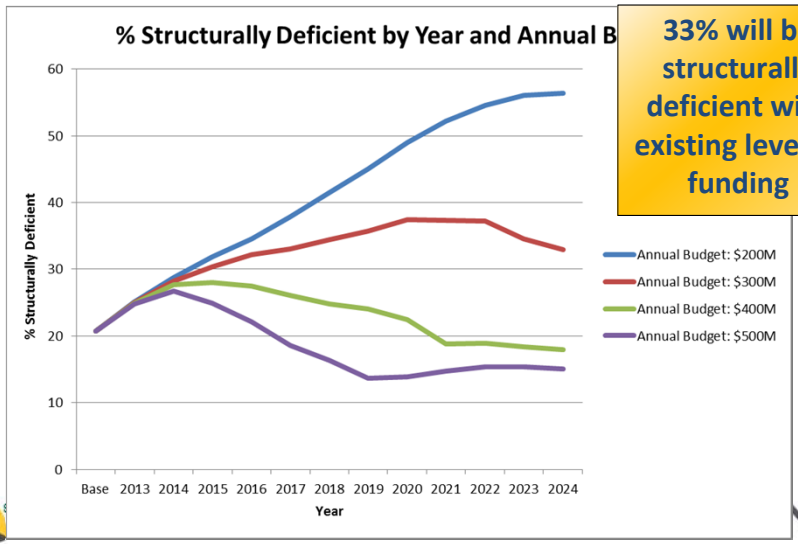
- **50% of California's bridges are owned by cities & counties!**
- **NBI (11,863 bridges)**
- **Non-NBI bridges (3500)**

Bridges Are Getting Old



55% require rehabilitation or replacement

Structurally Deficient Bridges



33% will be structurally deficient with existing level of funding

Essential Components

- Sidewalks
- Curb ramps
- Curb & gutter
- Storm drains
- Street lights
- Signs
- Retaining walls

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What Are Funding Shortfalls?

Transportation Asset	10 Year Needs (2014 $B)	Funding	Shortfall
Pavements	$72.7	$16.6	$ (56.1)
Essential Components	$31.0	$10.1	$ (20.9)
Bridges	$4.3	$3.0	$ (1.3)
Totals	$108.0	$29.7	$ (78.3)

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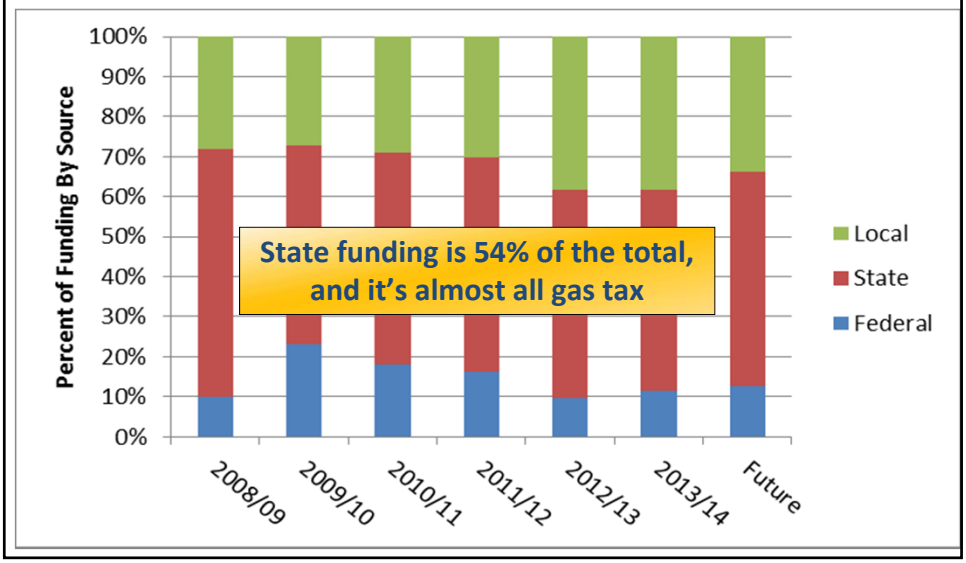
Funding Trends



Findings

- Local road network is deteriorating, and by 2024:
  - Average PCI will deteriorate from 66 to 55
  - Unfunded backlog will grow to from $40 to $61 billion
  - Almost 25% of roads will be in failed condition
  - Similar conclusions for bridges, safety and other essential transportation components
- An additional $7.8 billion/year is needed

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Conclusions

- Californians and our economy relies on the local transportation system
- New sustainable sources of revenues must be created that are focused on preservation of existing local road network
- Californians need to work together to find ways to fund local streets & roads

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Questions?

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