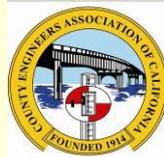


# Statewide Local Streets & Roads Needs Assessment 2010 Update

California Transportation Commission  
San Diego, CA  
March 24, 2011



RTPA  
RCTF

CALIFORNIA STATEWIDE NEEDS ASSESSMENT PROJECT

[WWW.SAVECALIFORNIASTREETS.ORG](http://WWW.SAVECALIFORNIASTREETS.ORG)

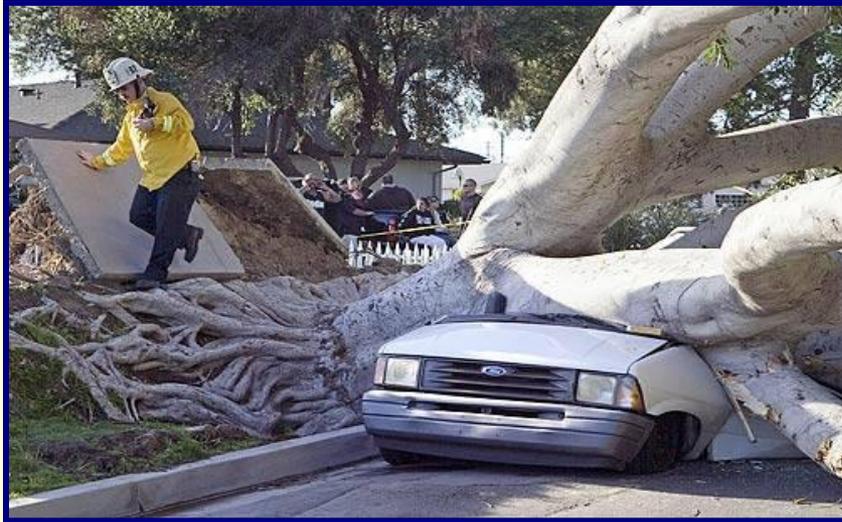


# Study Objectives

- **What are pavement conditions statewide?**
- **How much will it cost to maintain pavements?**
- **What are safety, traffic & regulatory needs?**
- **What is the shortfall?**
- **What is impact of other funding scenarios?**



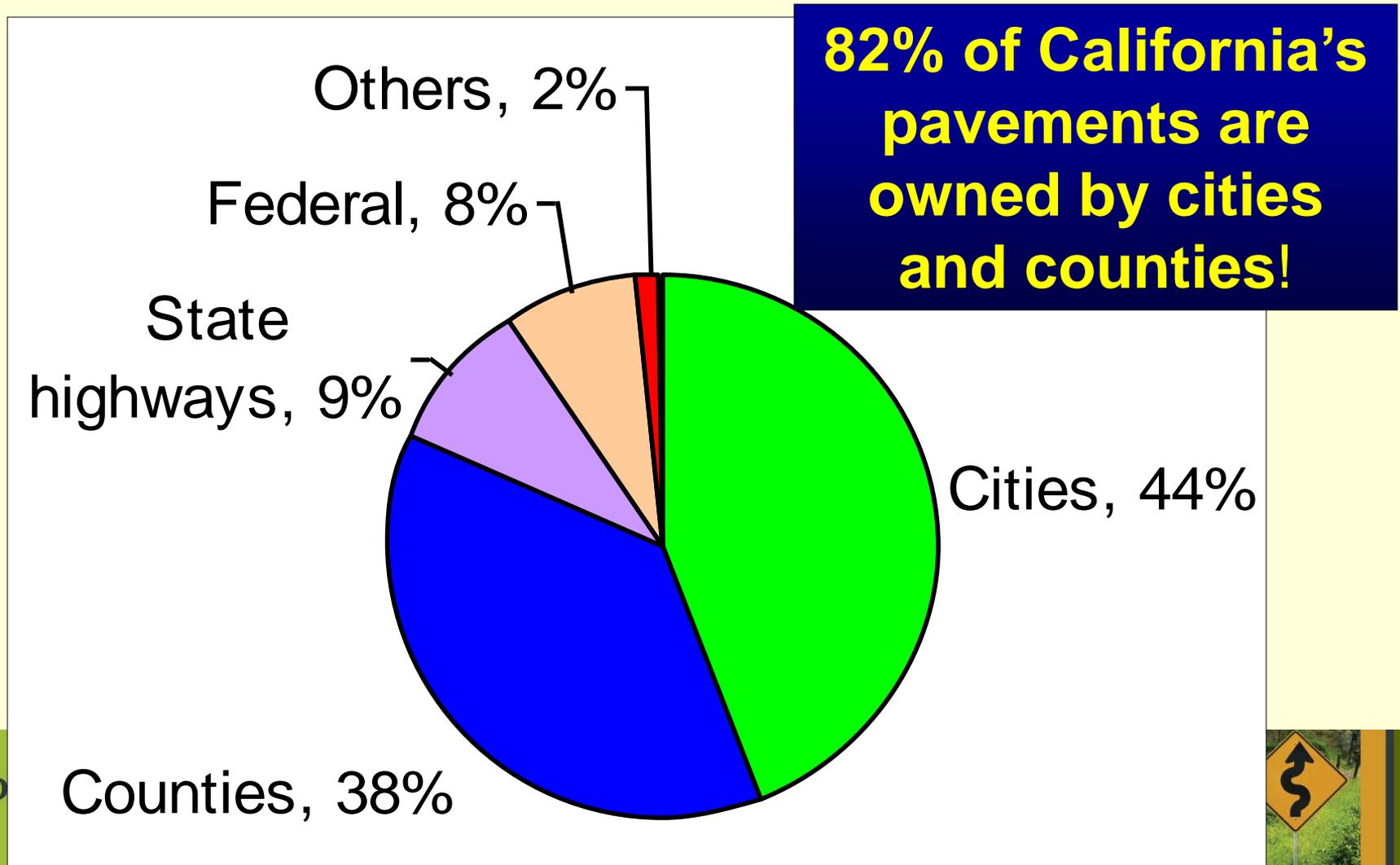
# It's Not Just Pavements ...



- **Sidewalks**
- **ADA ramps**
- **Curb & gutter**
- **Storm drains**
- **Others**

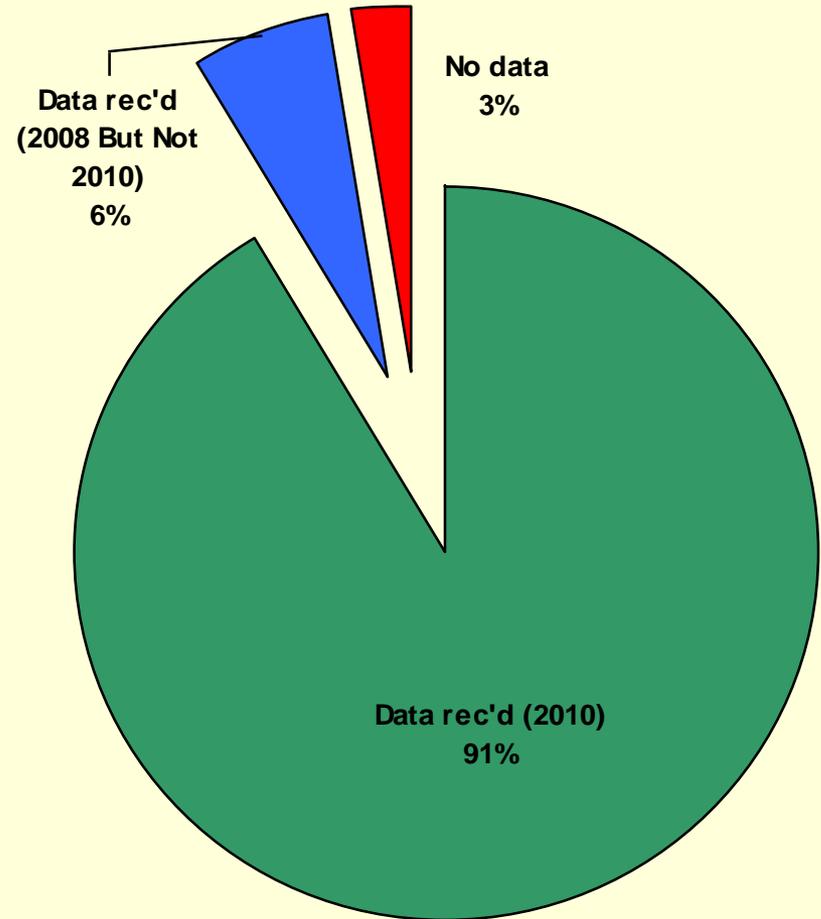


# Local Streets & Roads are Huge Part of State Network

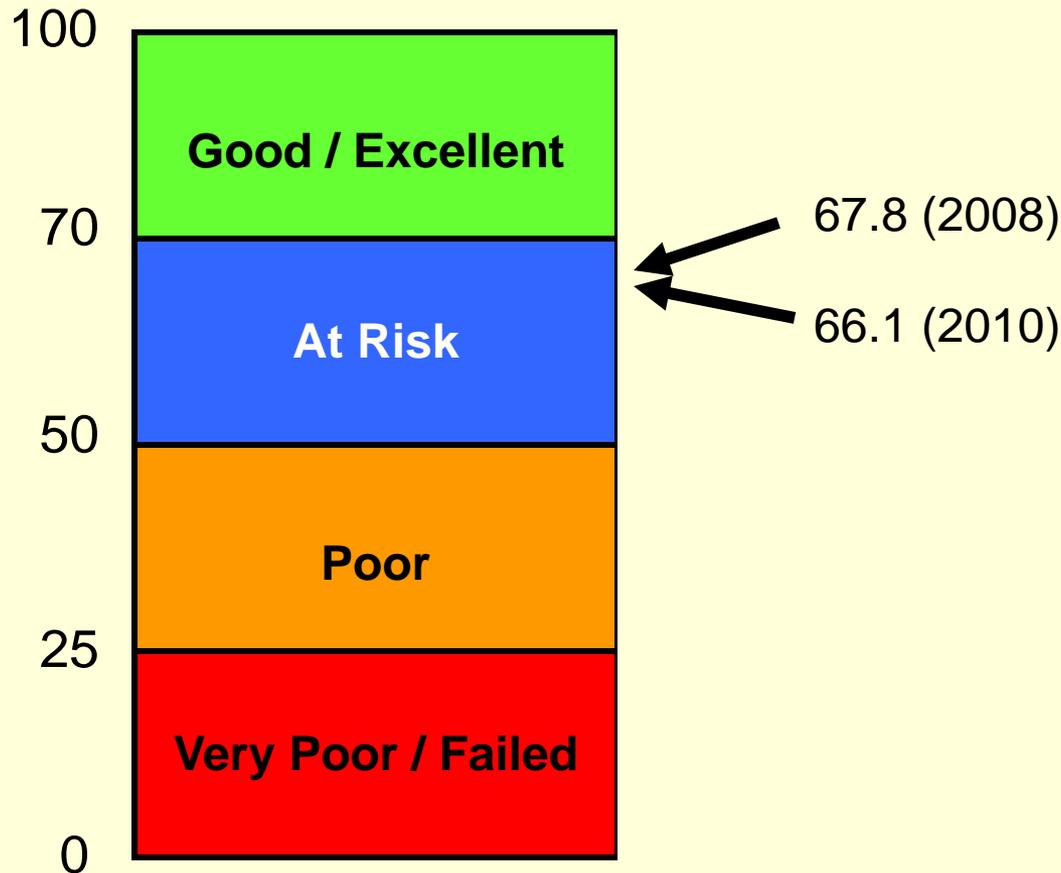


# Responses by Mileage

- **474 responses**
- **Covers 97% miles!**
- **56 no responses**
  - 50 have pop<sup>n</sup> < 50,000
  - 47 have < 100 miles



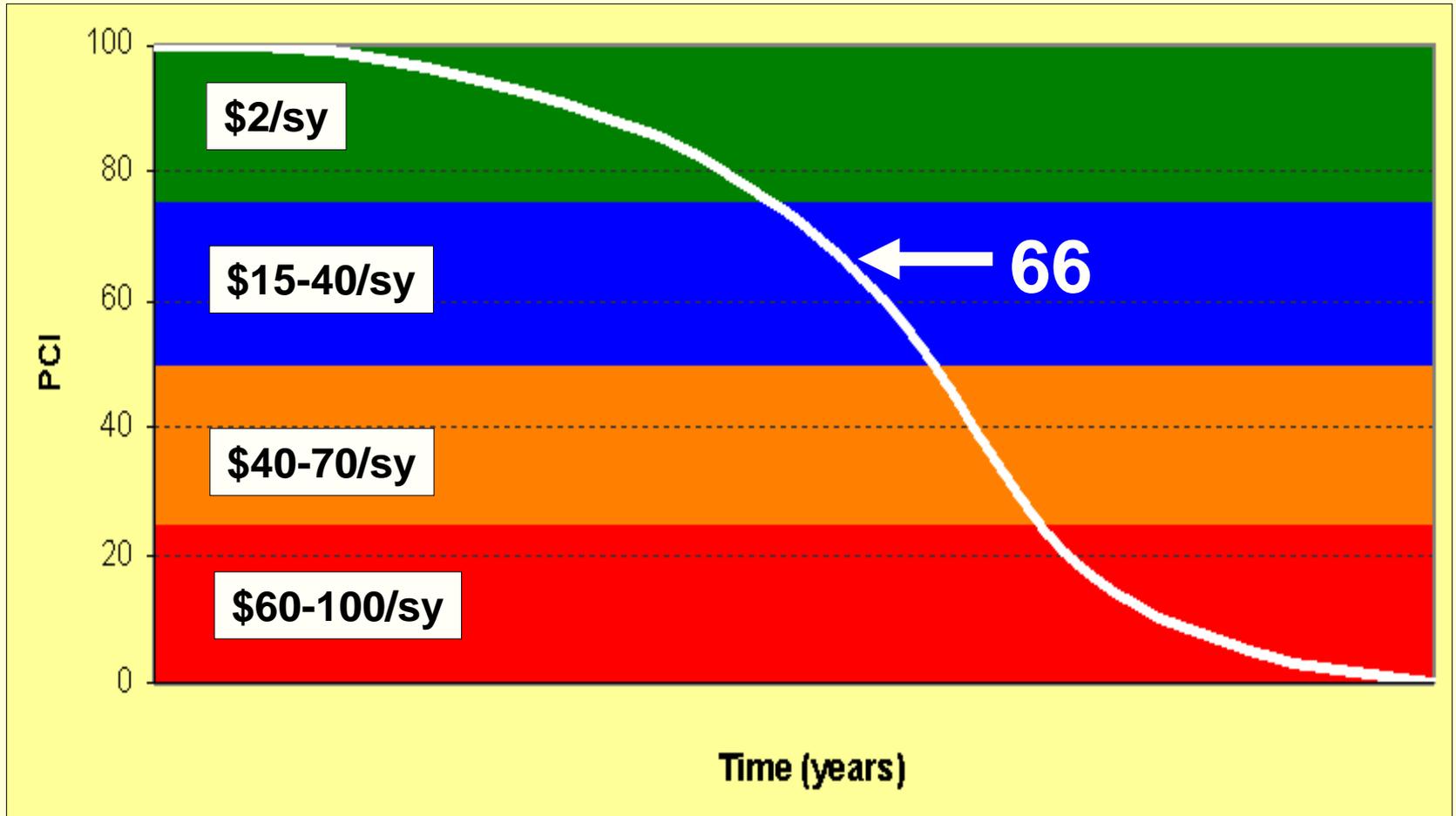
# Pavement Condition Index (PCI)



# Statewide Average PCI = 66



# Why is 66 Critical?



# Statewide Conditions

Pavement Condition Index



# 2010 Infrastructure Needs

<b>Infrastructure Category</b>	<b>Total (\$ B)</b>
<b>Pavement</b>	<b>\$70.5</b>
<b>Essential Components*</b>	<b>\$29</b>
<b>Bridges</b>	<b>\$3.3</b>
<b>Totals</b>	<b>\$102.9</b>

\* Includes safety, traffic and regulatory needs. Does NOT include NPDES.



# Funding Trends



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# Pavement Revenues\*

Revenues (\$M)	2008/09	2009/10	Future	% of total
Federal**	\$ 167	\$ 390	\$ 68	6%
State	\$ 1,032	\$ 819	\$ 698	61%
Local	\$ 458	\$ 453	\$ 674	33%
<b>Total</b>	<b>\$ 1,658</b>	<b>\$ 1,663</b>	<b>\$ 1,140</b> ↓	<b>100%</b>

\* Based on 300 responses

\*\* ARRA accounted for \$343 million (\$50 m in 2008/09, \$293 m in 2009/10)



# Funding Shortfall

Component	2011-2020 (\$ billions)		
	Needs	Funding	Shortfall
Pavements	\$ 70.5	\$ 14.2	(\$ 56.3)
Essential Components	\$ 29.1	\$ 6.8	(\$ 22.3)
Bridges	\$ 3.3	\$ 2	(\$ 1.3)
<b>Totals</b>	<b>\$ 102.9</b>	<b>\$ 23</b>	<b>(\$ 79.9)</b>

**53 cents/gallon!**



# Funding Scenarios

- 1. Existing funding (\$1.42 billion/year)**
- 2. Funding to maintain current PCI over next 10 years**



# Impacts of Different Funding

Funding Scenarios	Annual Budget (\$B)	PCI in 2020	Unfunded Backlog (\$B)
Existing Funding	1.42	54	\$ 63.6
Maintain PCI = 66	3.1	66	\$ 37.9



# % in Failed Condition

Scenario	Pavement Condition (PCI)	2020 Results	
		Unfunded Needs	% in Failed Condition
2010			6.1%
		\$ 35.6	22.4%
		\$ 37.9	17.7%

**The % of roads in failed condition will increase from 6.1% to 22.4% by 2020 under current funding.**



# What's "failed" condition?



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2/26/09

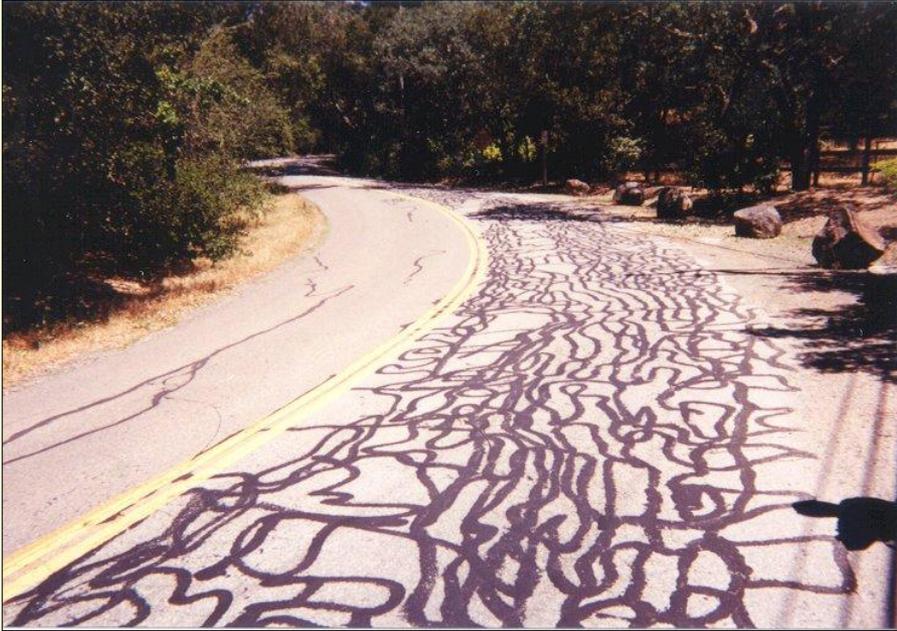
LITTLE LAKE RD.

5031-100-B

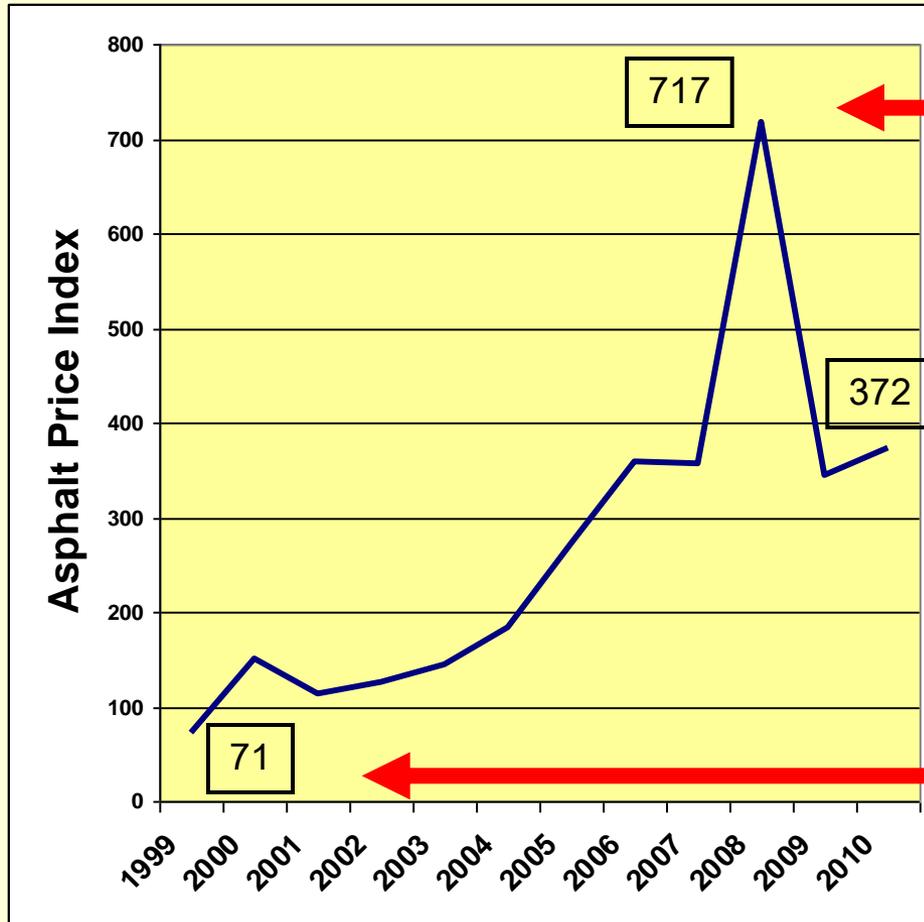




# What Happens If We Don't Get More Funding?



# How Did We Get Here?



- **Pavements are deteriorating rapidly**
- **Asphalt prices have increased five-fold since 1999**
- **Funding has not kept up**

# Future Funding Trends

- **Increase gas tax (“toxic talk”)**
  - Near term solution (10¢/gal) & index
  - Not sustainable – greater fuel efficiency, alternative fuels, new vehicle technology
- **Move to user-based system (~2.5¢/mile)**
- **Federal initiatives – financing, not additional revenues**
  - Infrastructure bank
  - Public-private partnerships
  - Focus is **NOT** on local streets and roads

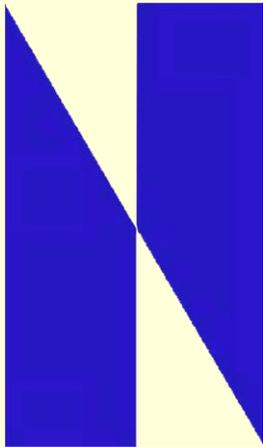


# Key Policy Considerations

- **Reliable funding source needed**
- **Impacts of deteriorating infrastructure on:**
  - Sustainable communities
  - Environment
  - Local economy
- **What is an acceptable:**
  - Quality of life for residents?
  - Level of service for visitors?



# Questions?



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**Vice President**

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