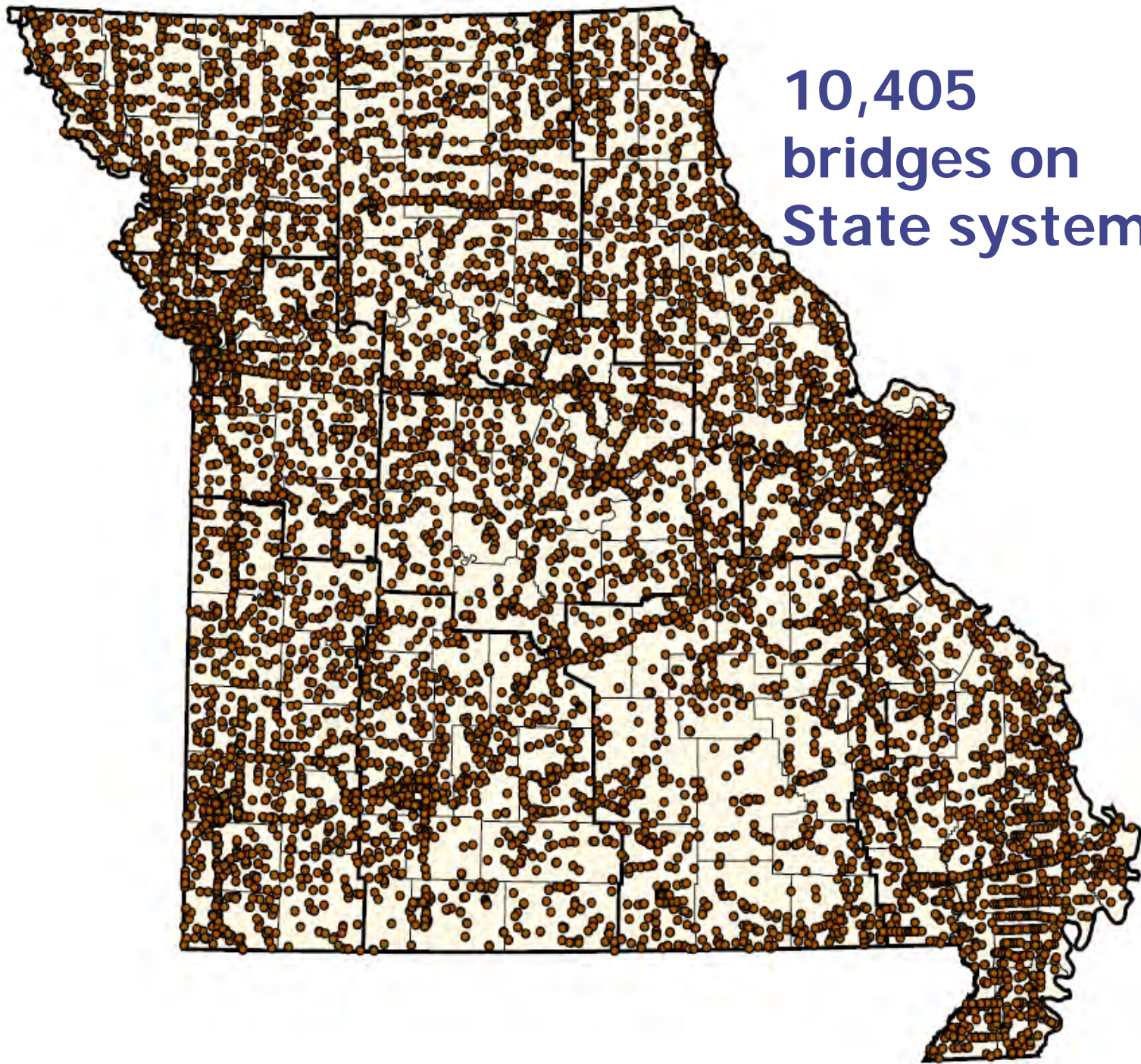


# Condition of Missouri's Bridges

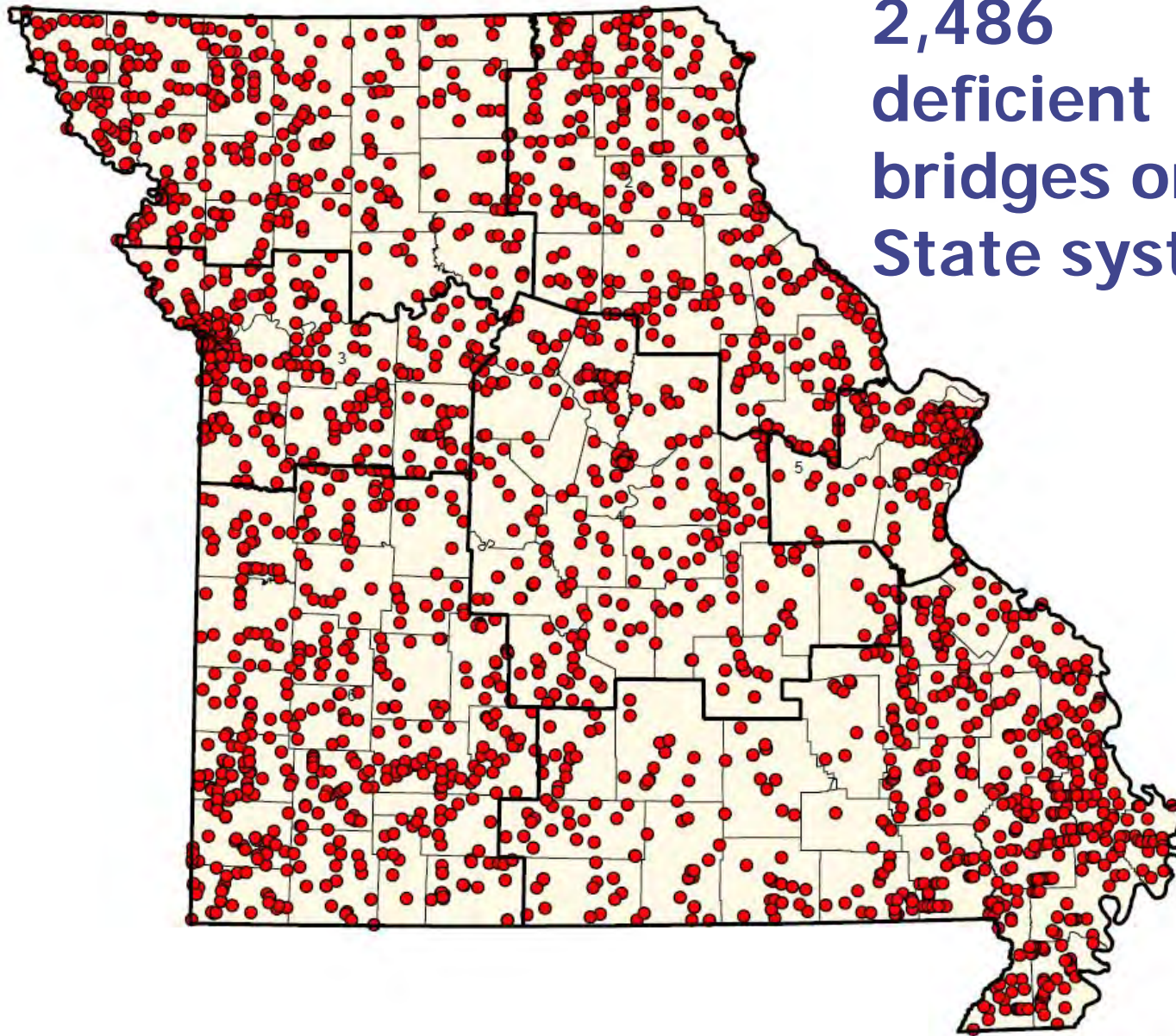
**DENNIS HECKMAN**

State Bridge Engineer

April 3, 2012

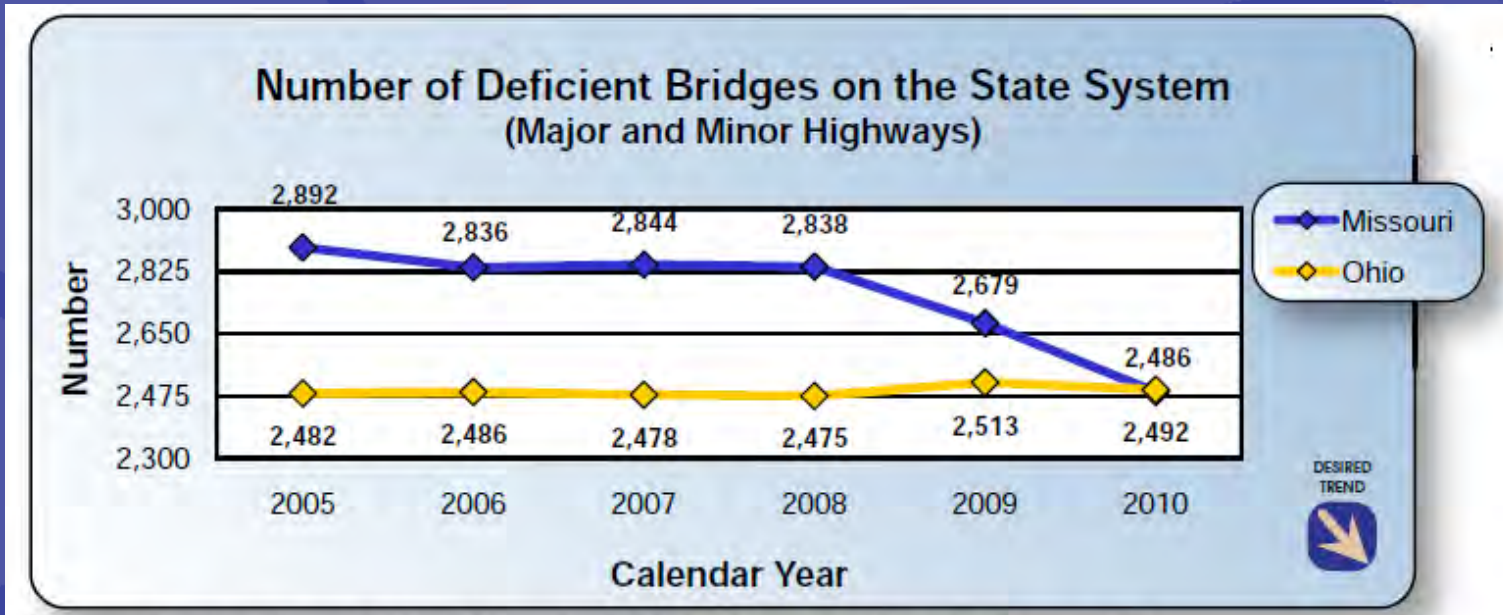


**10,405  
bridges on  
State system**



**2,486  
deficient  
bridges on  
State system**

# Reduction in Recent Years



## But ...

- Despite our best efforts, we are just keeping our heads above water
- **100 bridges become deficient each year**





W0488 10-11-06  
Profile, west



S0269 10-11-06  
Profile, south

# Bridges Are Expensive

- **Typical Bridges**

- Cost \$100/sq. foot to replace
- Need about \$3 billion to replace all the deficient typical bridges

- **Major Bridges**

- Cost \$400/sq. foot to replace
- Need about \$2 billion to replace all the deficient major bridges

# MoDOT Knows its ABCs

- 1<sup>st</sup> in the nation to use precast panels – 1980s.





# What's Next?



Self Propelled  
Modular  
Transporters



The background is a solid blue color. A large, faint, light-blue watermark of the MoDOT logo is visible, consisting of the letters 'MoDOT' in a stylized font with a road-like graphic element below it. The text is centered on the page.

**MoDOT stands ready to act  
– but it requires additional  
resources.**