



Deteriorating Bridges And Their Impact On Freight Movement

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“You Can’t Get There From Here”

A Transportation Story of Oversized Proportions



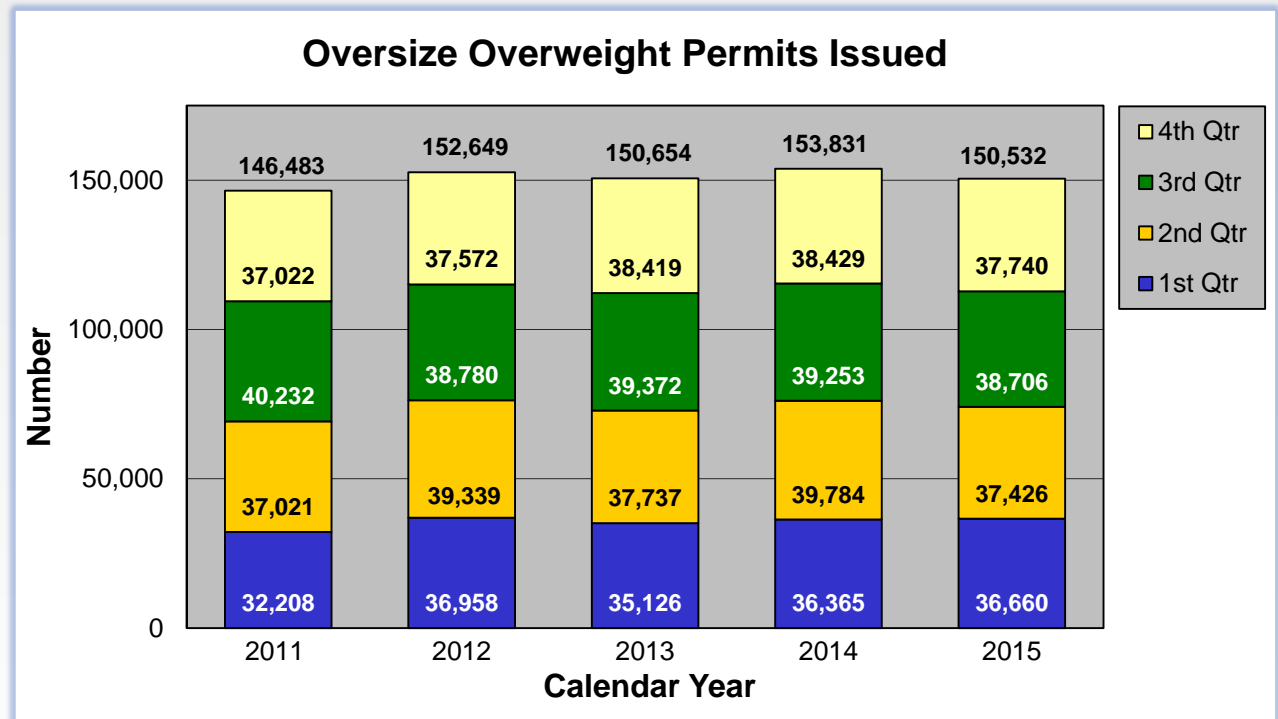
The issue:

Declining bridge and road conditions makes it very hard to find safe and efficient routes for an increasing number of Oversize Overweight loads.



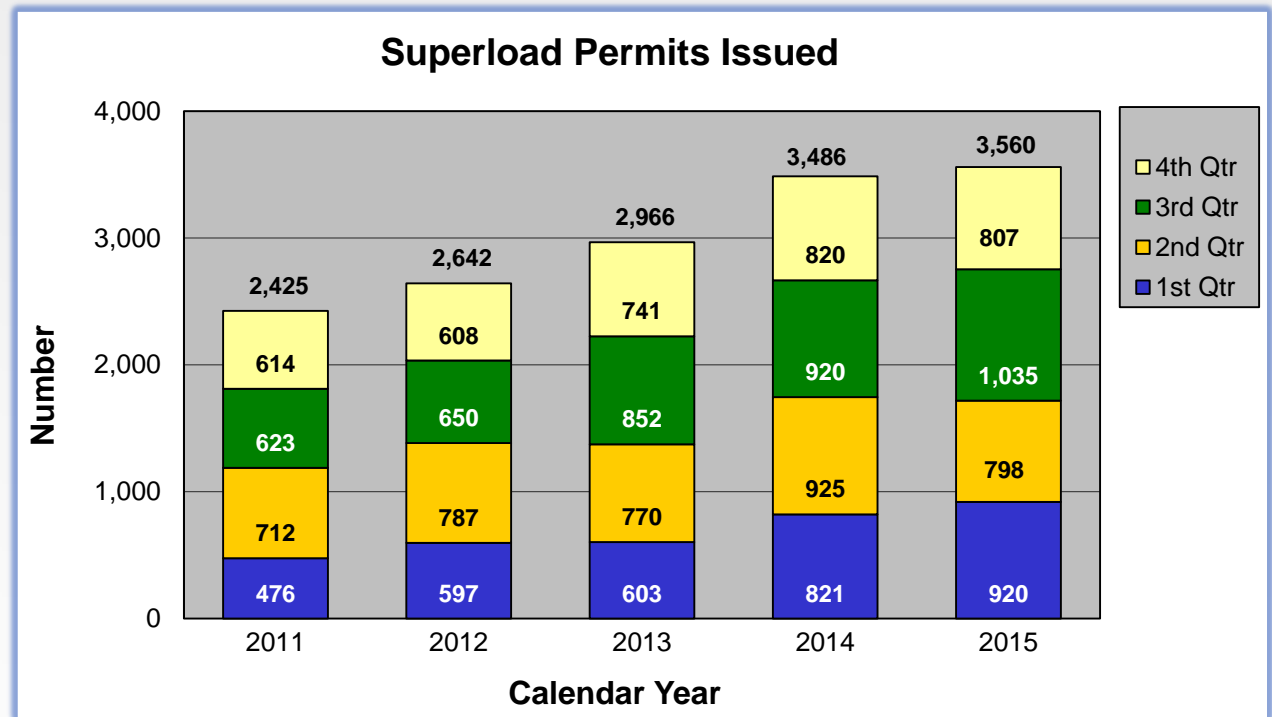


How Big is OS/OW in Missouri



3% Increase over last four years

Loads Are Getting Super-Sized



47% Increase over last four years



Not Your Typical “18 Wheeler”



Wind Loads are Increasing

- 874 Loads in 3rd & 4th Quarters 2015
- 2,200+ Loads From One Supplier in 2016

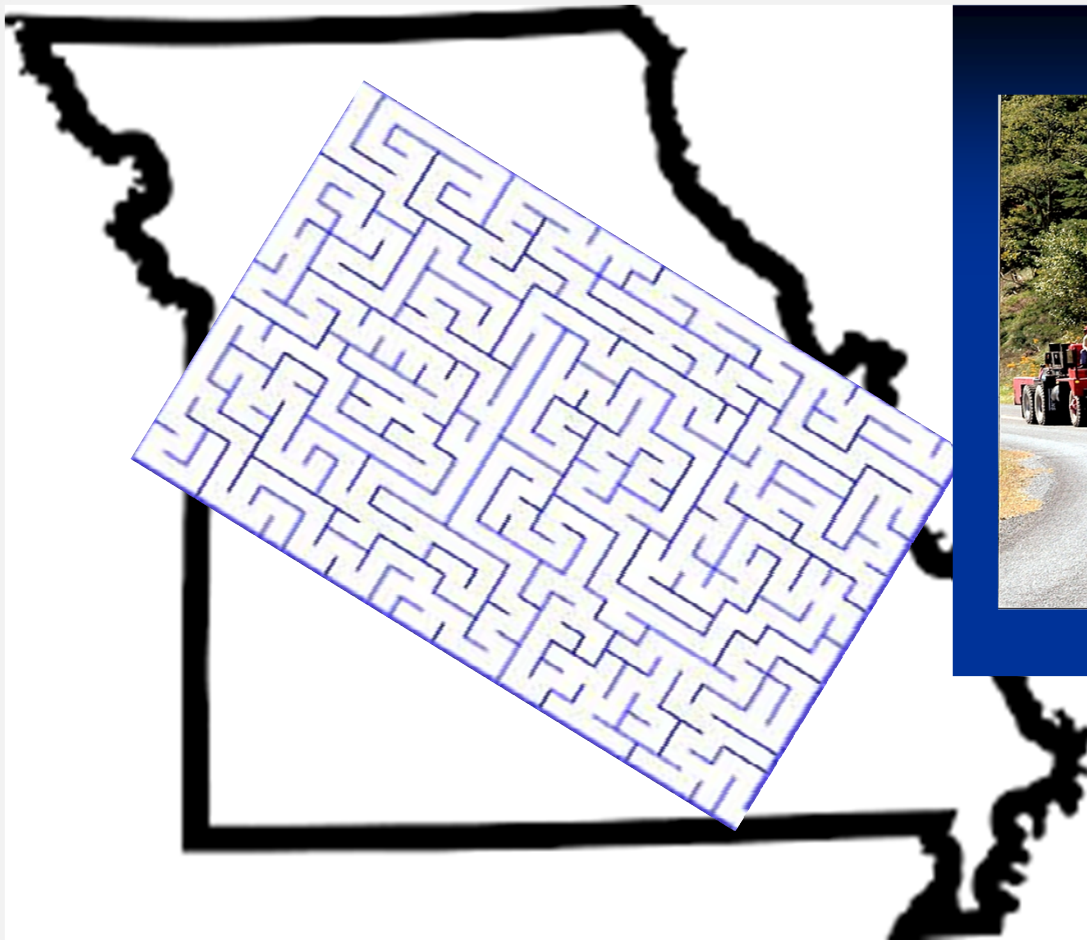




Oversize Overweight Keeps Bridge Division Busy

- 2,500 Superloads will be processed in 2016
(95% increase from 2009)
- In 1995, only 35 Superloads for the entire
year!

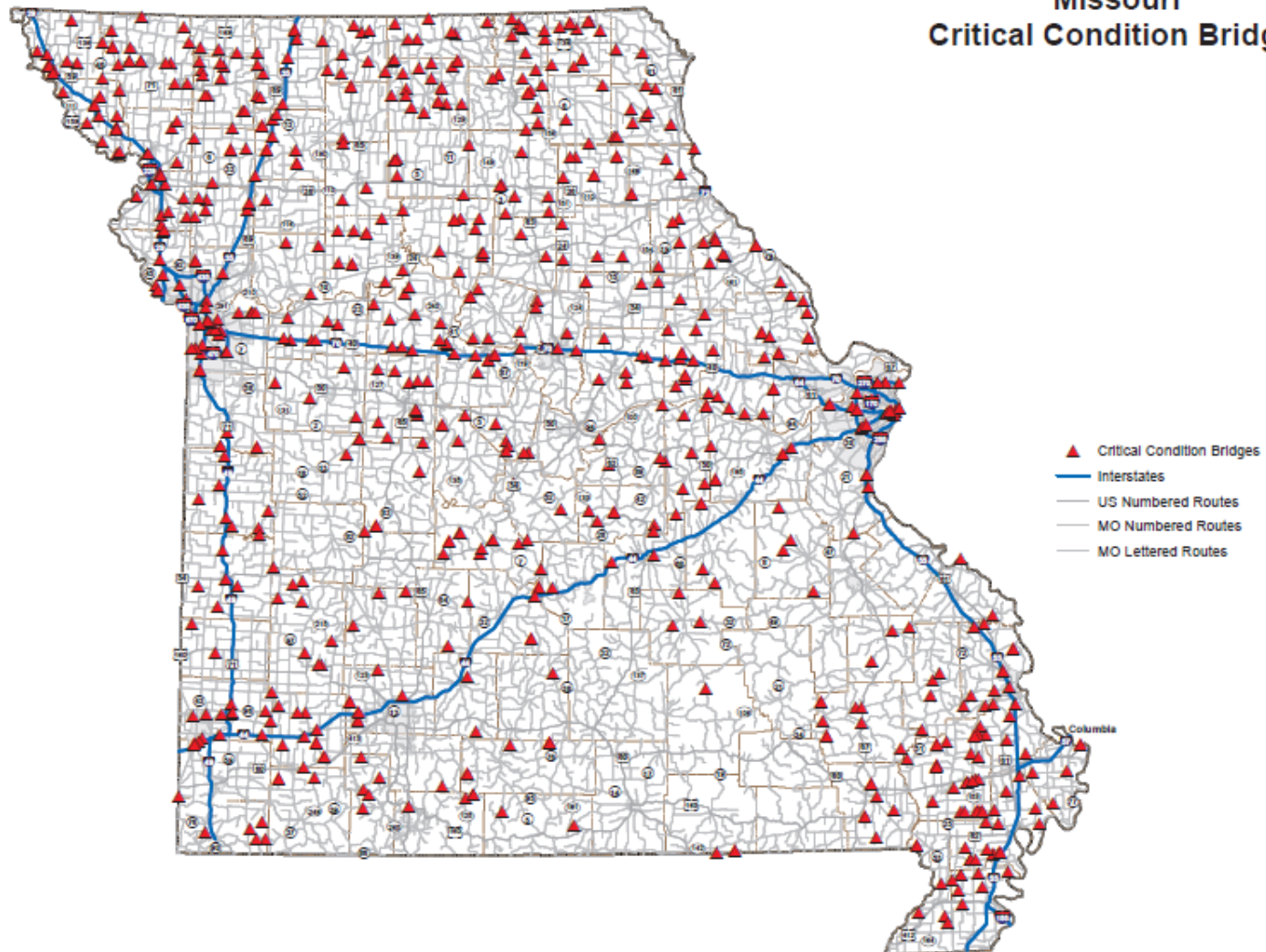
Safe Route “Maze”



Critical Condition Bridges



Missouri Critical Condition Bridges

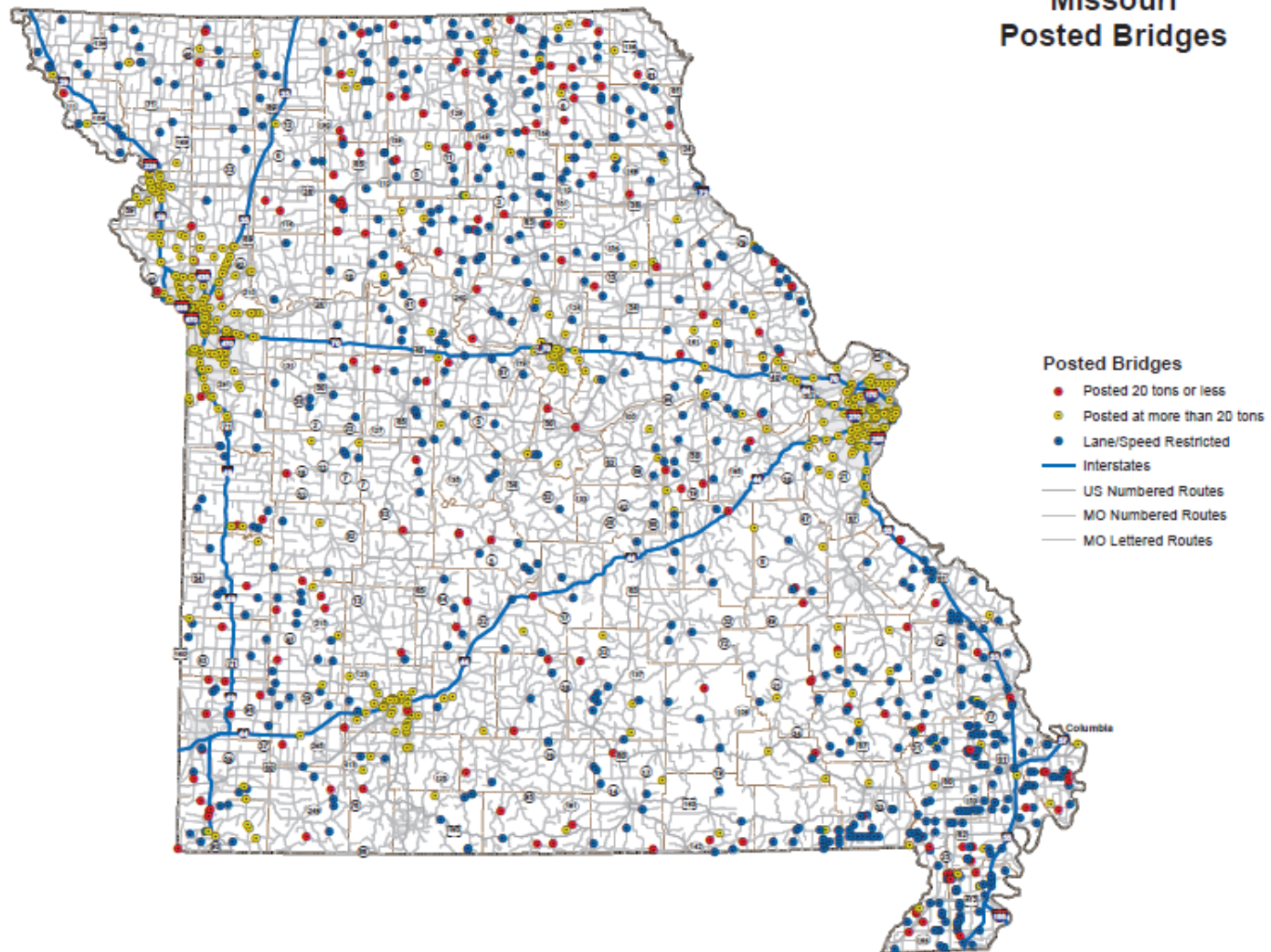


Missouri Department of Transportation
Transportation Planning
1-888-ASK-MODOT
WWW.MODOT.ORG
August 2015

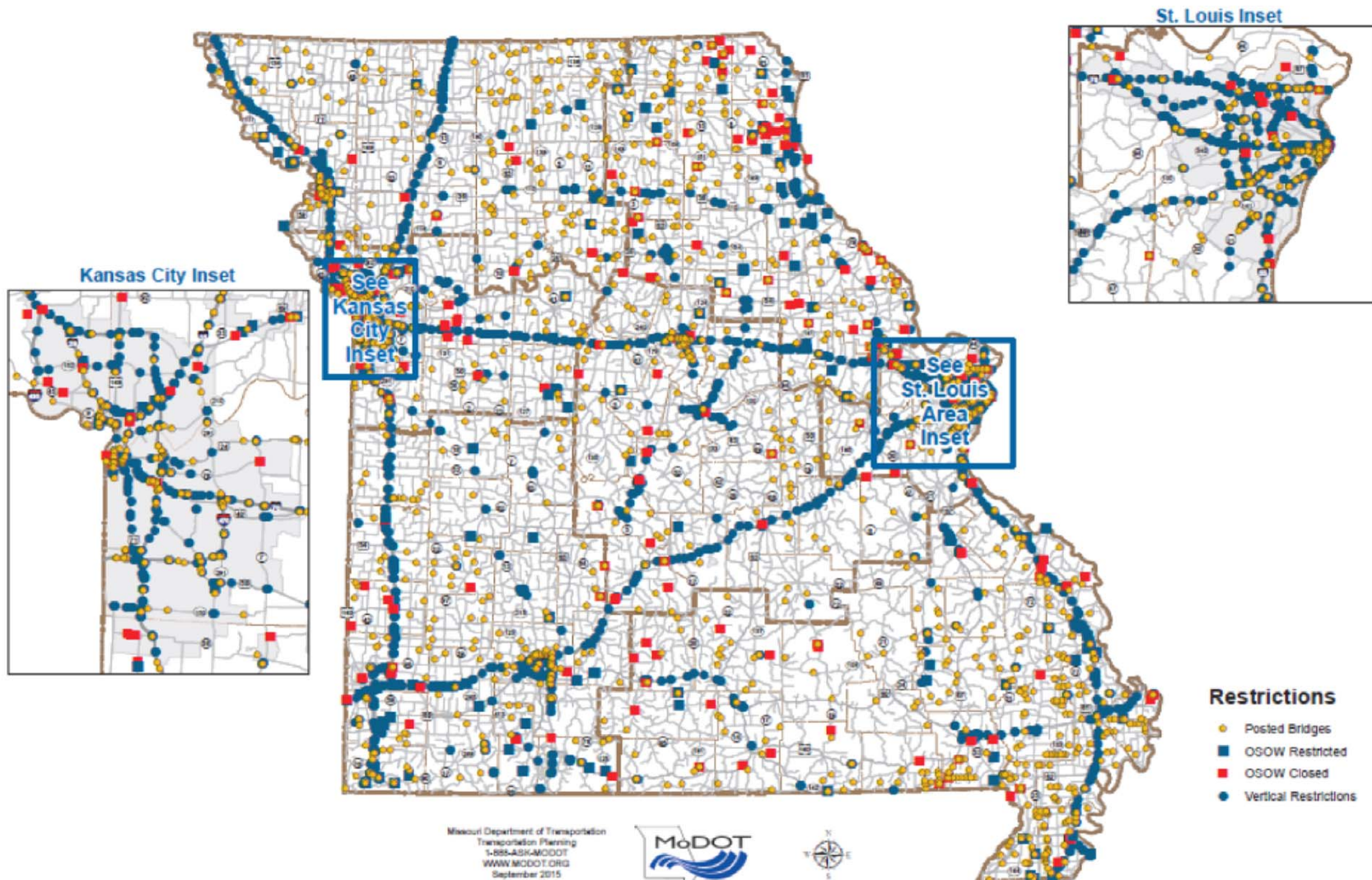
+ Posted Bridges



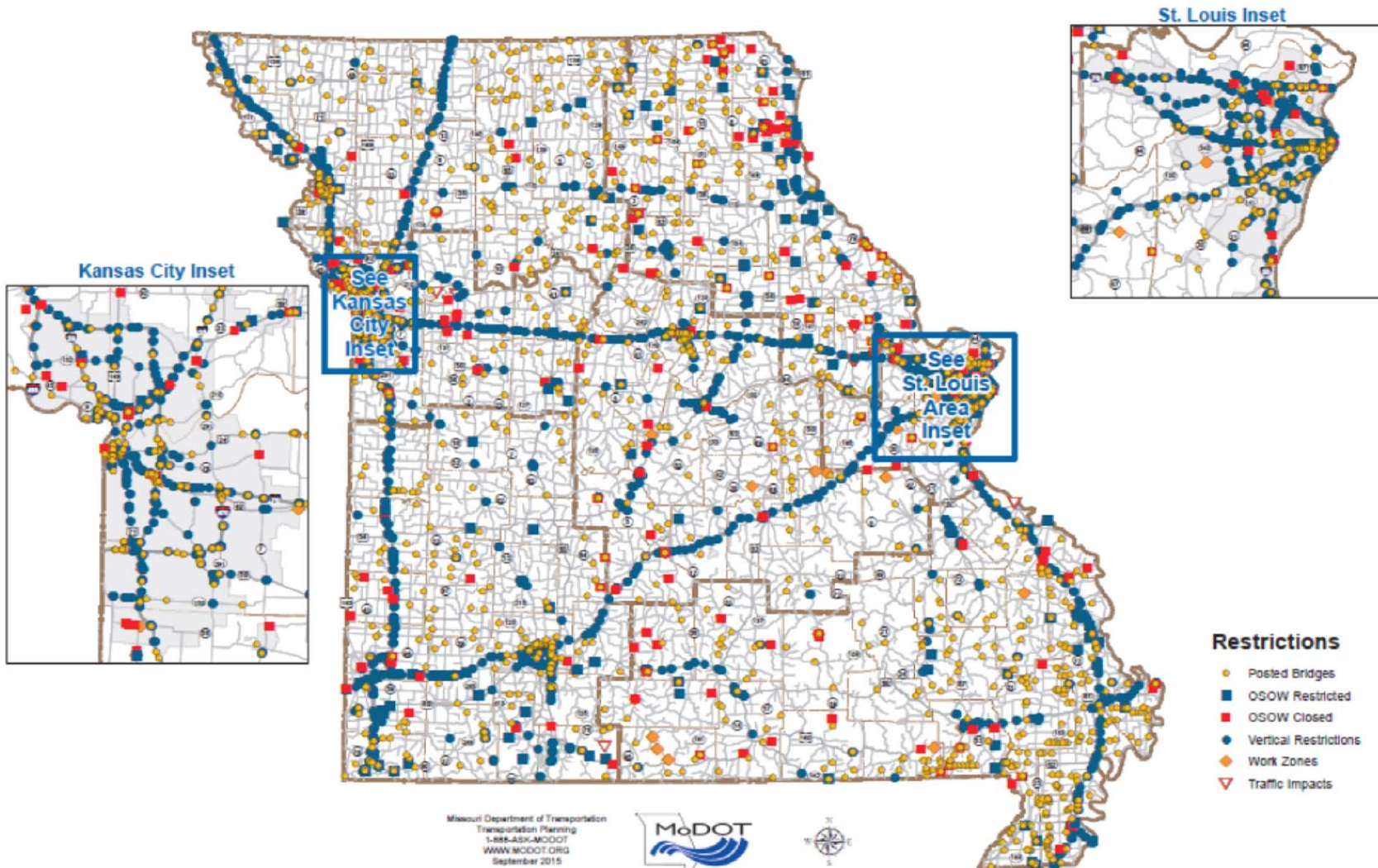
Missouri Posted Bridges



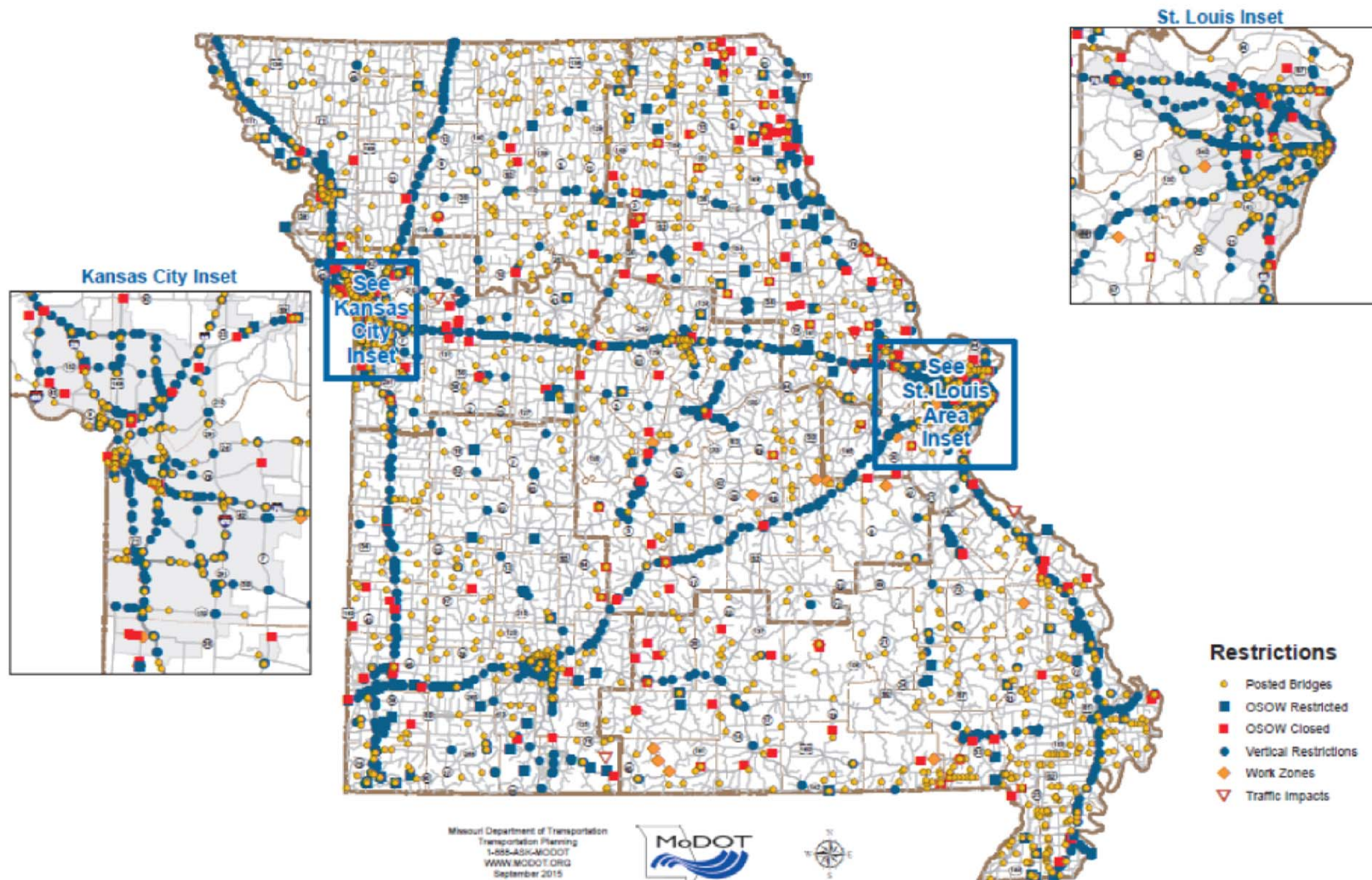
+ Vertical Clearance Issues



+ Work Zones / Traffic Impacts



The “Maze”





Real-Life Example

Vehicle Dimensions (Overall)

Length

150-0

ft-in

Height

16-0

ft-in

Width

16-0

ft-in

GVW

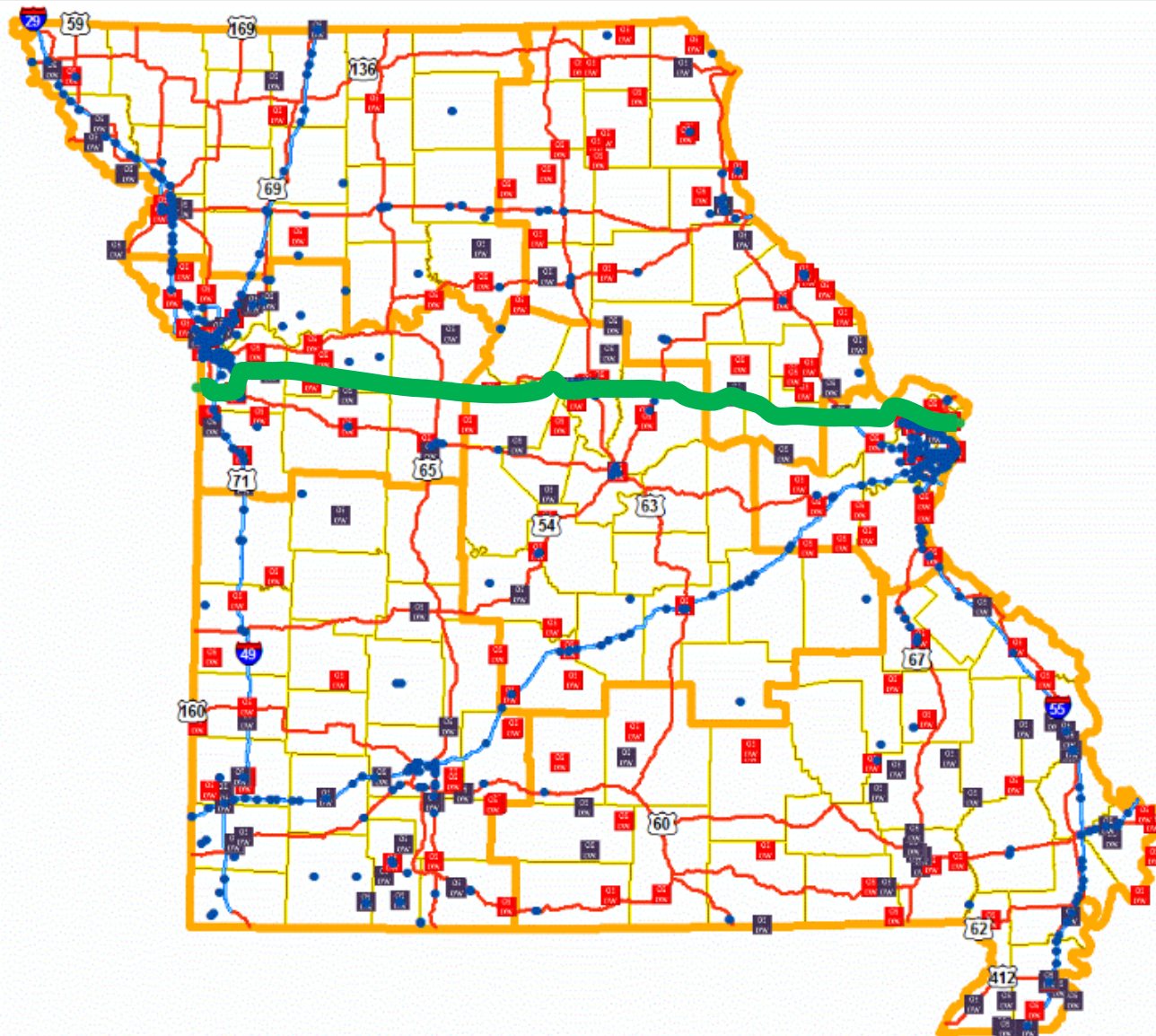
160000

lbs

Routine Oversize Overweight Permit
(Not a Superload)

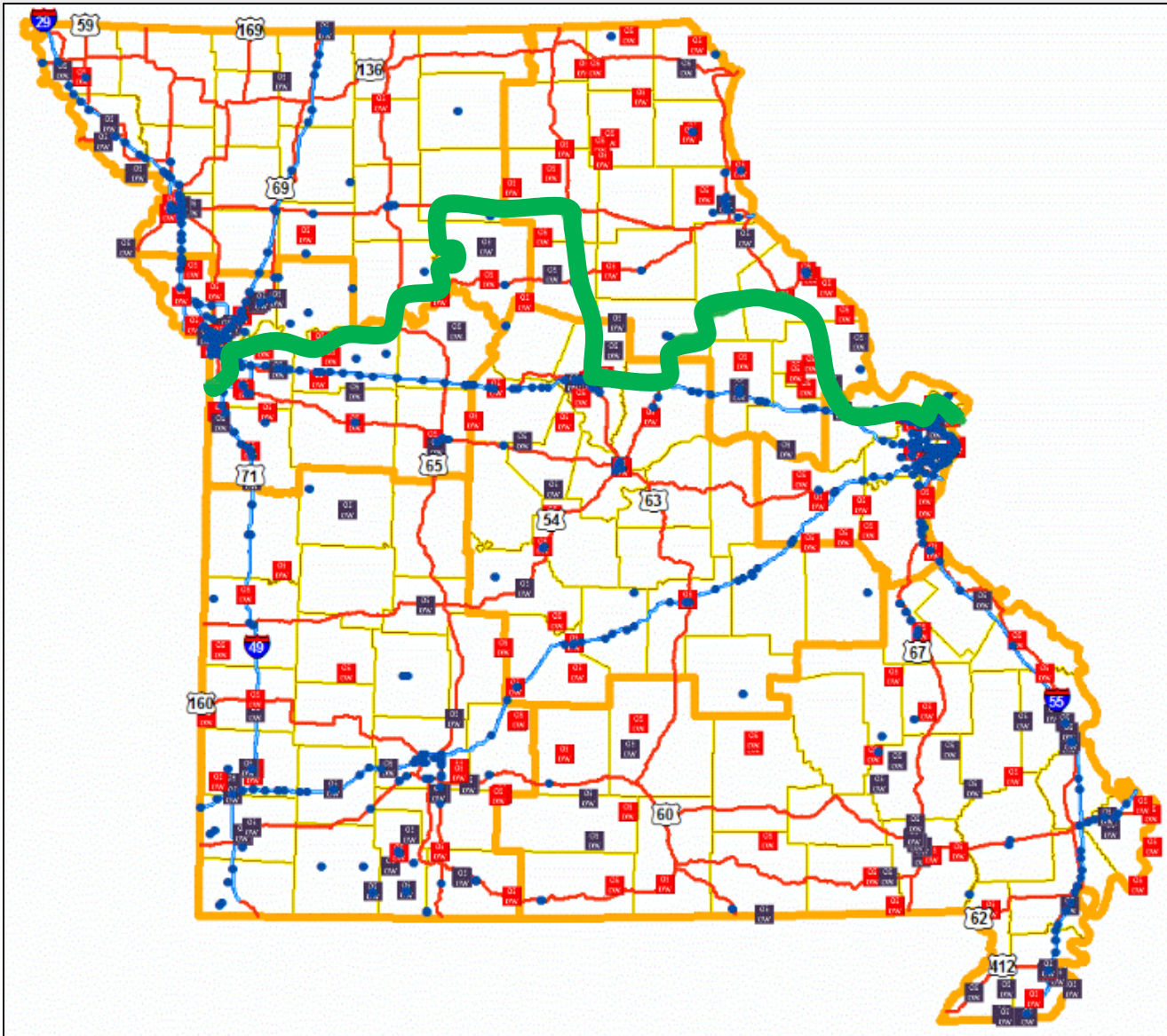
Entering from IL at I-270/Exiting into KS at I-435

Preferred Route



271 Miles Total

Actual Route



413 Miles Total

**52%
Increase!**



Missouri Closed for Business?

