

# FEDERAL VS DOT

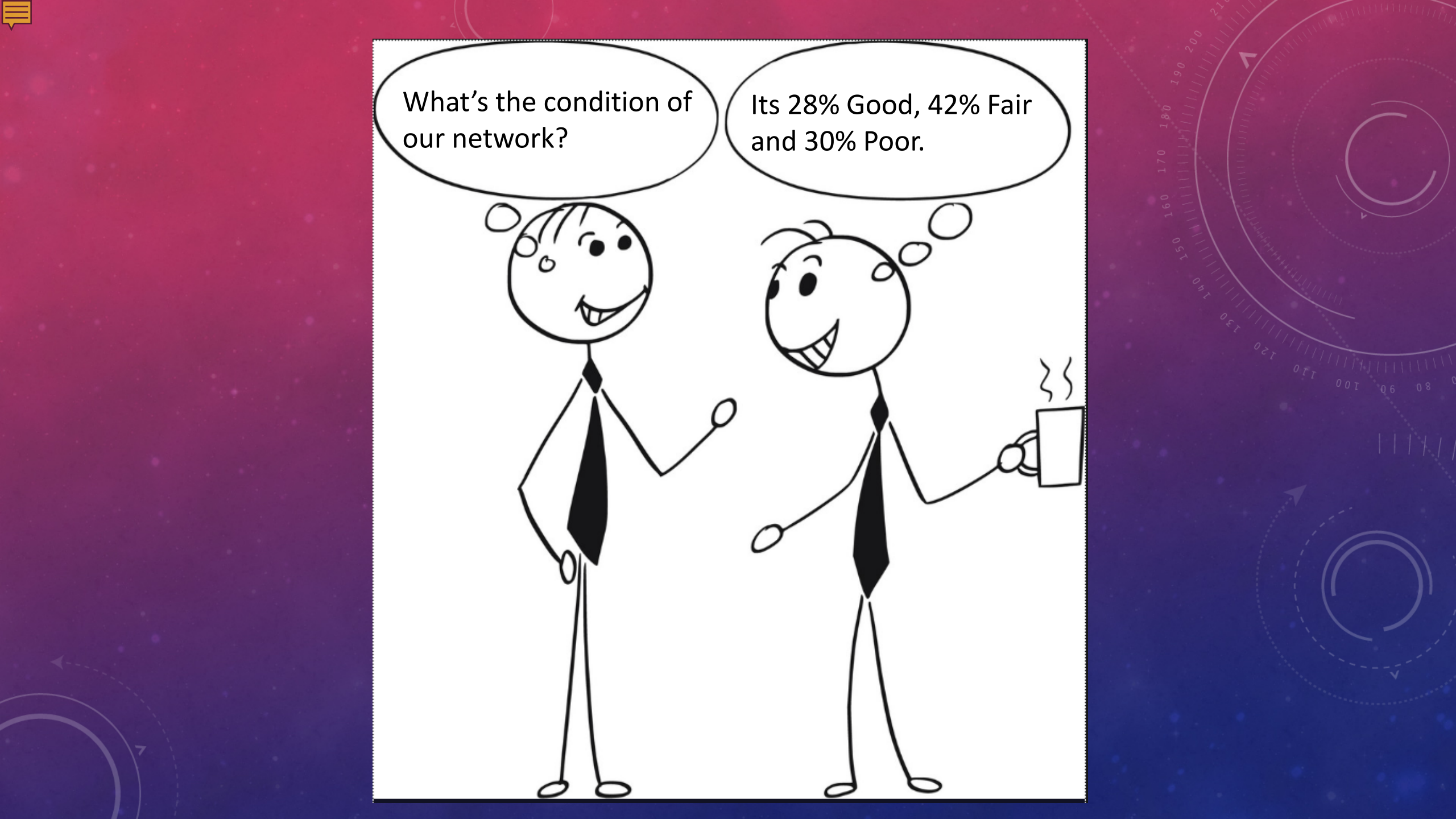
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ARKANSAS DEPARTMENT OF TRANSPORTATION

Southeastern States Pavement Conference

October 9<sup>th</sup> – 11<sup>th</sup>

Louisville, Kentucky



What's the condition of our network?

Its 28% Good, 42% Fair and 30% Poor.



**IRI**



That's not what was in the report I just read.

What report? Where did the numbers come from, Internal or Federal?



# FEDERAL PAVEMENT CONDITION THRESHOLDS

	Good	Fair	Poor
IRI (inches/mile)	< 95	95 - 170	> 170
Rutting (inches)	< 0.2	0.2 - 0.4	> 0.4
Cracking (%)	< 5	5 - 20	> 20

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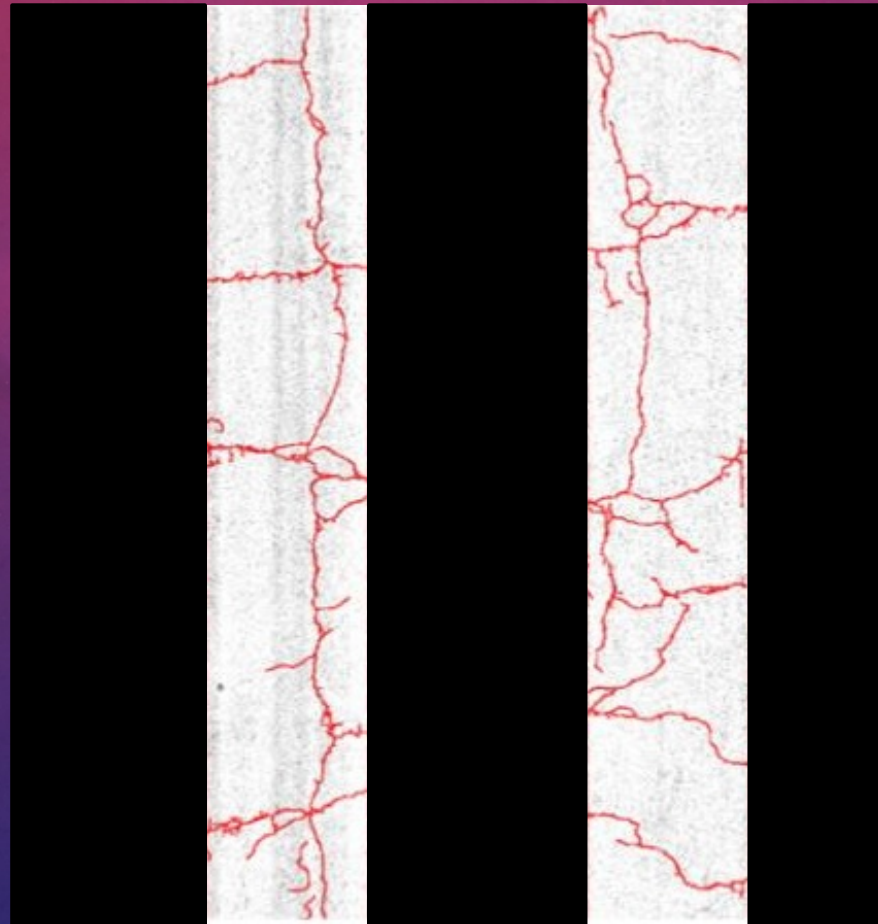
	Good	Fair	Poor
IRI (inches/mile)	< 95	95 - 170	> 170
Rutting (inches)	< 0.2	0.2 - 0.5	> 0.5
Cracking (%)	< 5	5 - 20	> 20

# FEDERAL PAVEMENT CONDITION THRESHOLDS

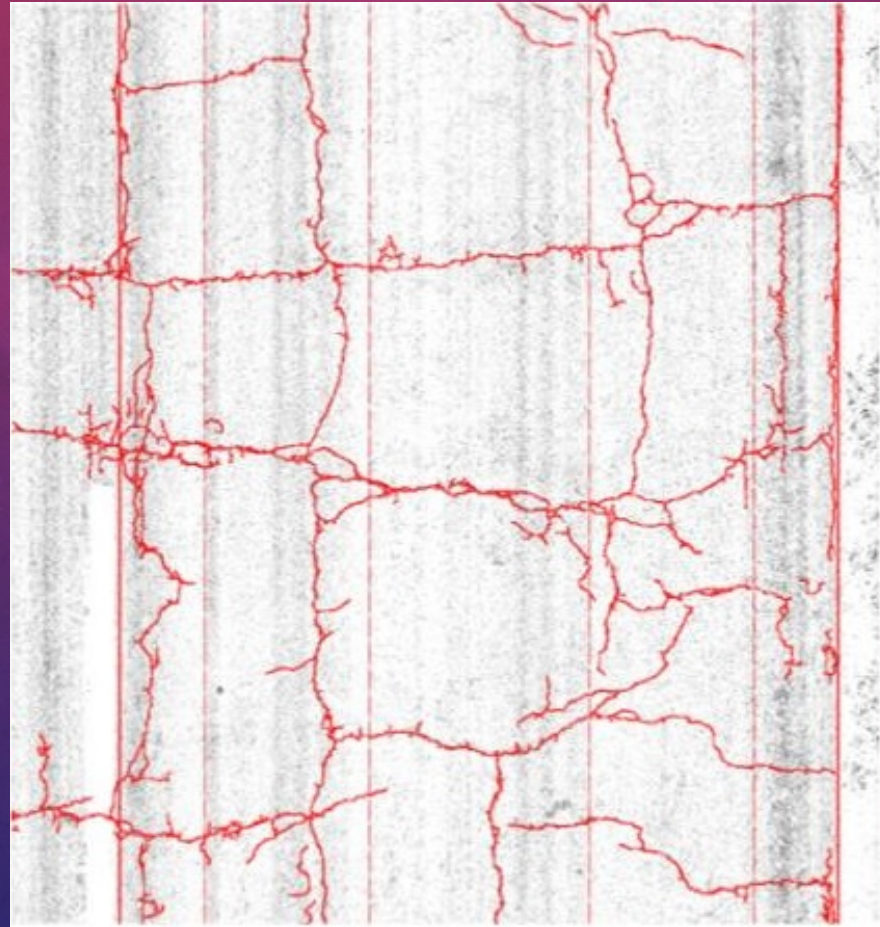
	Good	Fair	Poor	
IRI (inches/mile)	< 95	95 - 170	> 170	✓
Rutting (inches)	< 0.2	0.2 - 0.5	> 0.5	✓
Cracking (%)	< 5	5 - 20	> 20	✗



# FEDERAL PAVEMENT CONDITION THRESHOLDS



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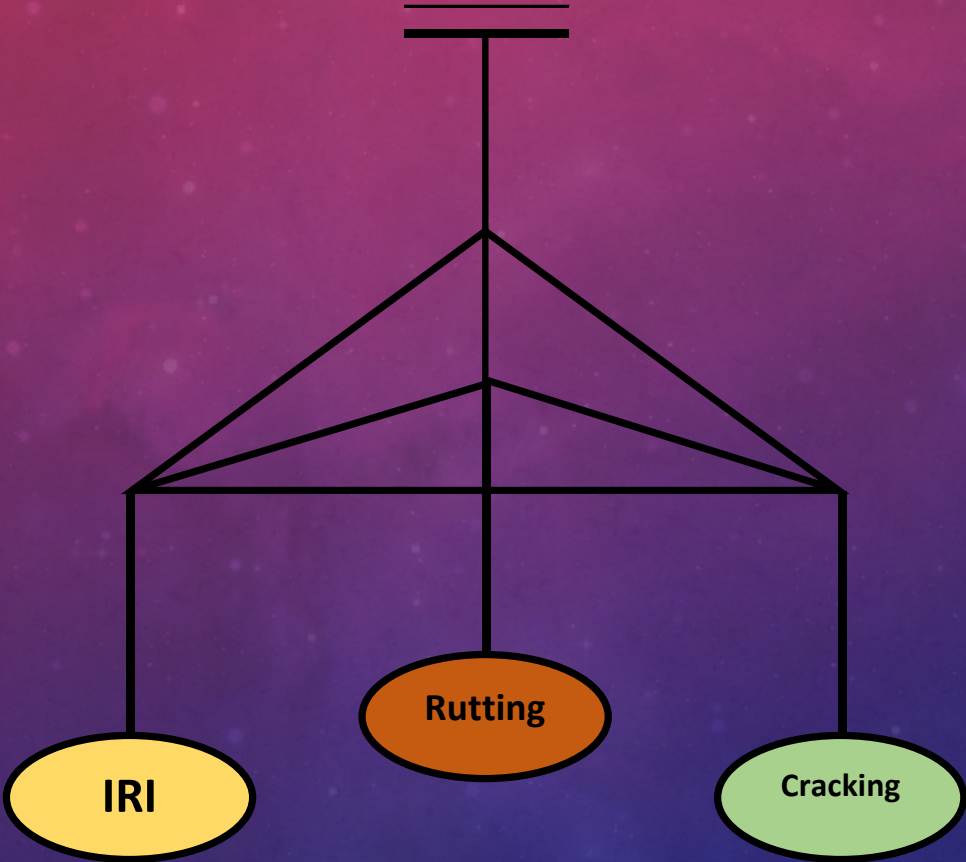


# FEDERAL PAVEMENT CONDITION THRESHOLDS

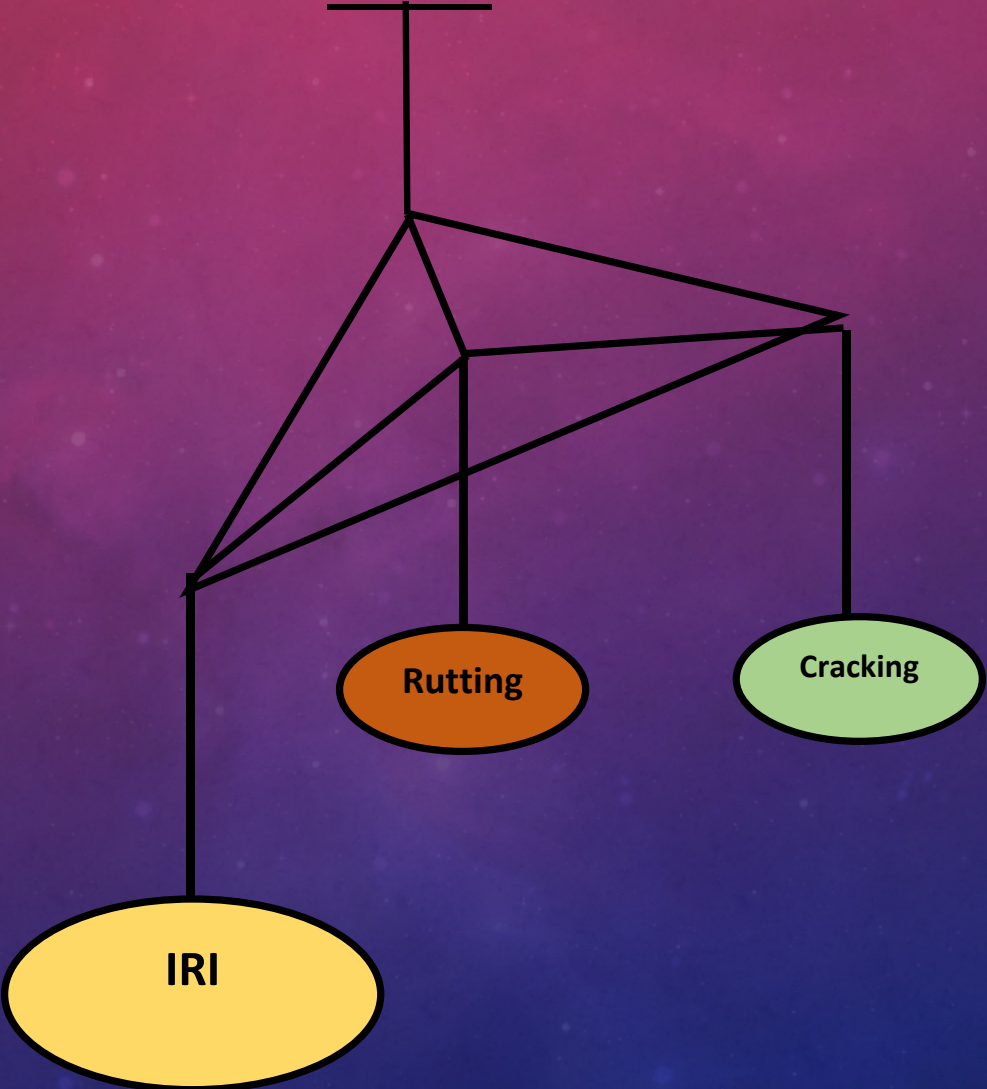
- Good, Good, Good = Good
- Poor, Poor, Poor/Fair/Good = Poor
- All Other Combinations = Fair



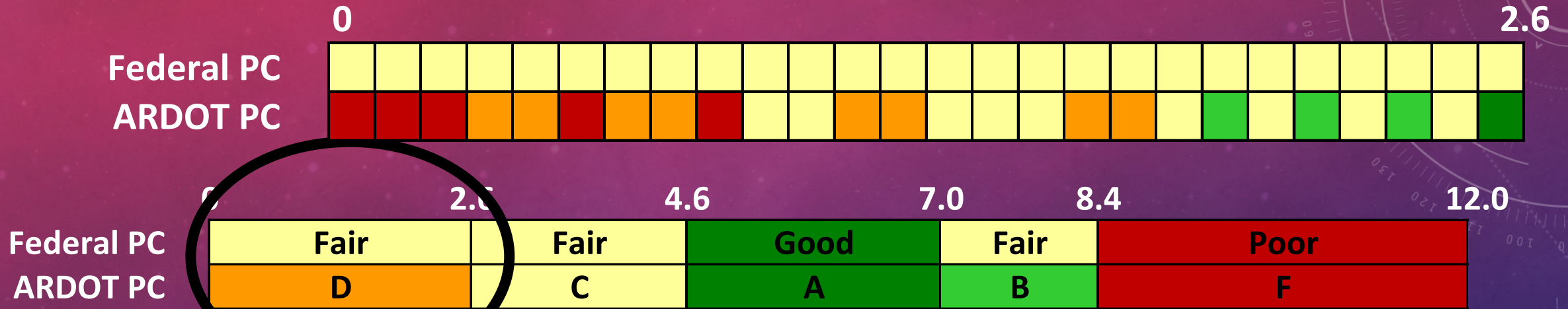
# FEDERAL PAVEMENT CONDITION THRESHOLDS



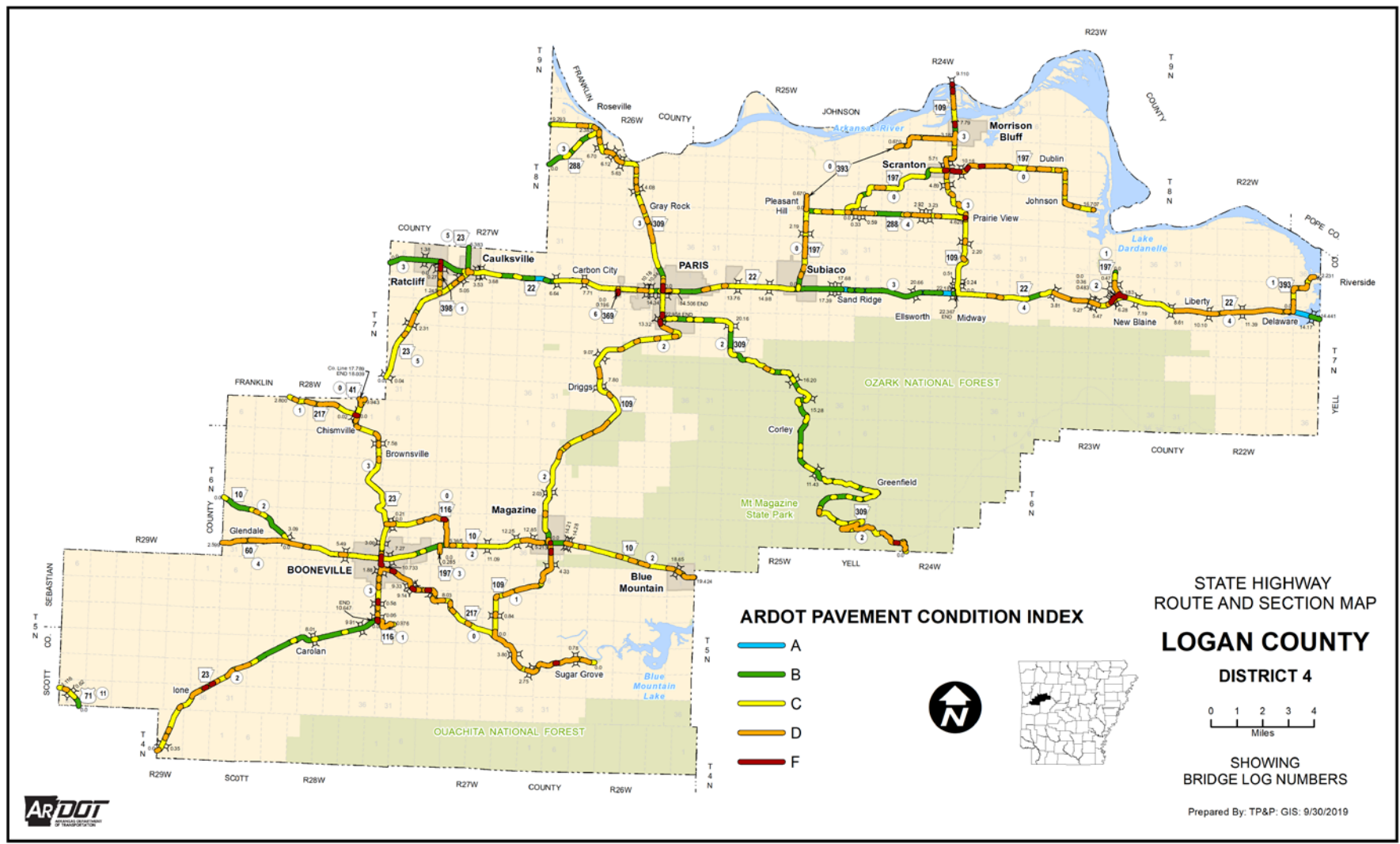
# FEDERAL VS DOT



# FEDERAL VS DOT



# ARDOT

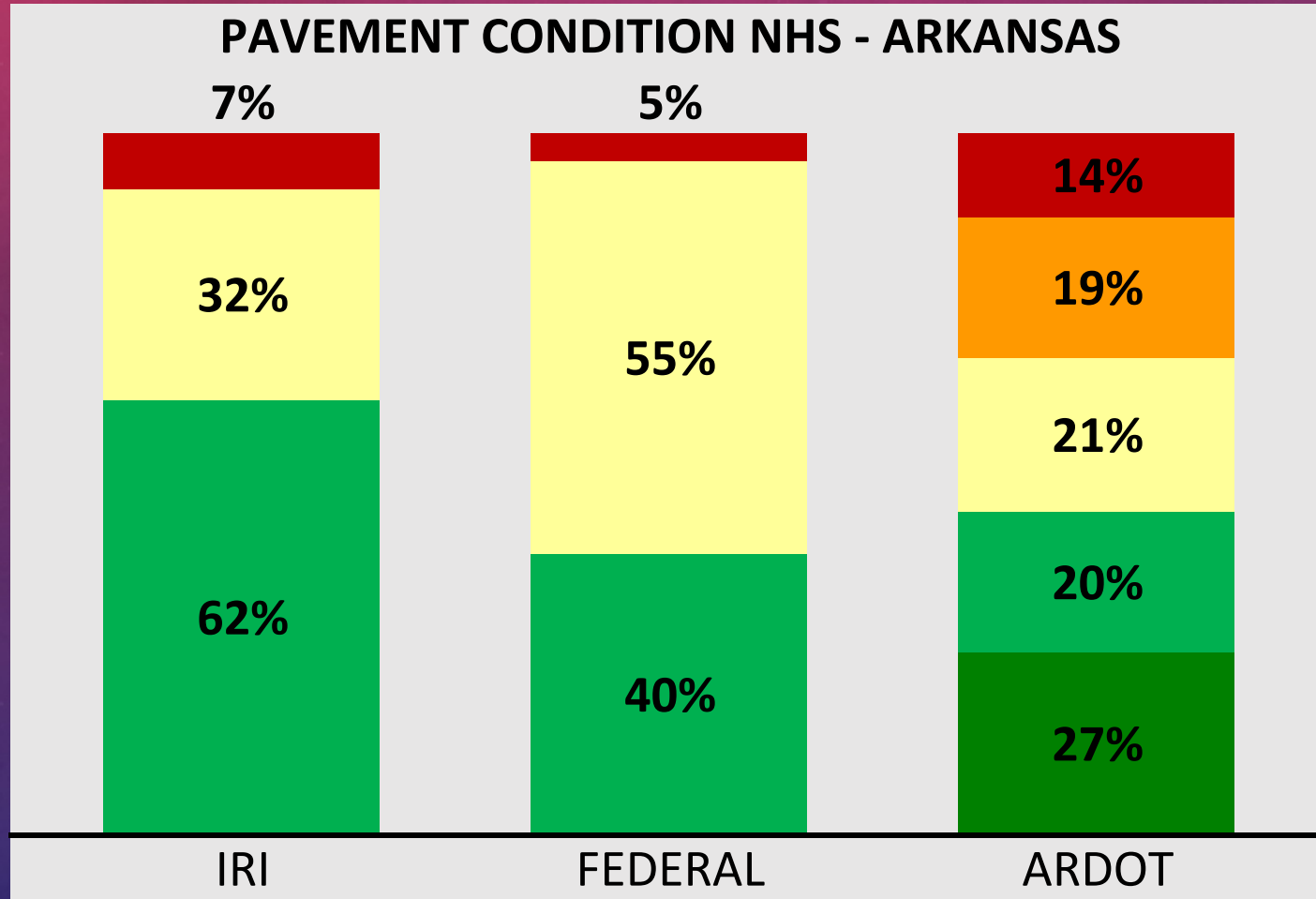








# FEDERAL VS DOT





# FEDERAL

- HPMS
- Reports Other Entities Produce
- Preservation Agreement
- TAMP
- Target Setting

# ARDOT

- dTIMs
- Project Scoping
- Anytime Anyone Asks What The Condition Of Our Network Or A Section Of Roadway Is
- TAMP



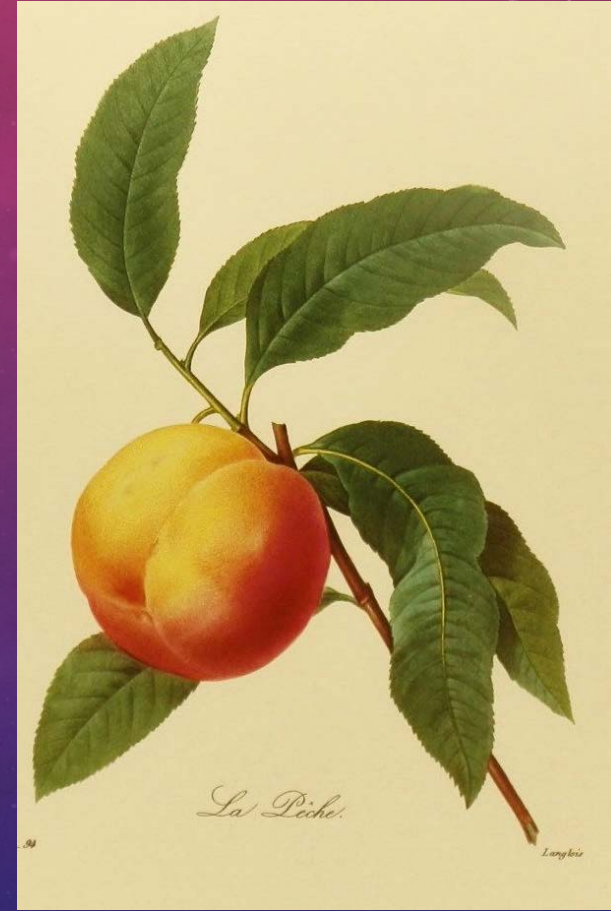
# FEDERAL VS DOT

- How We Are Handling The Two Sets Of Numbers
  - Federal = Good, Fair, Poor
  - DOT = A, B, C, D, F
- Problem
  - TAMP
  - Target Setting – Federal Measures





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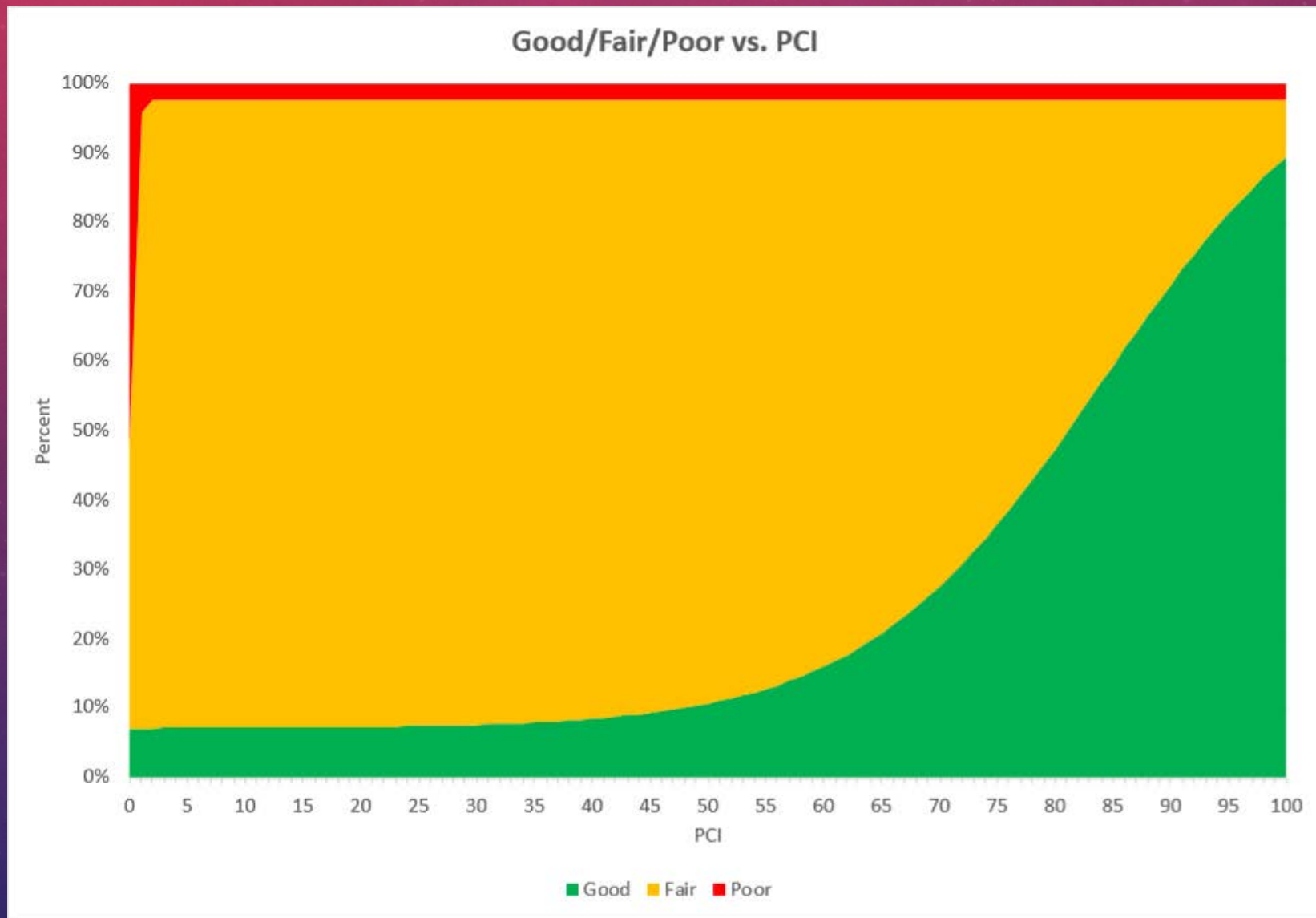
# THE CROSSWALK



ARDOT - PCI

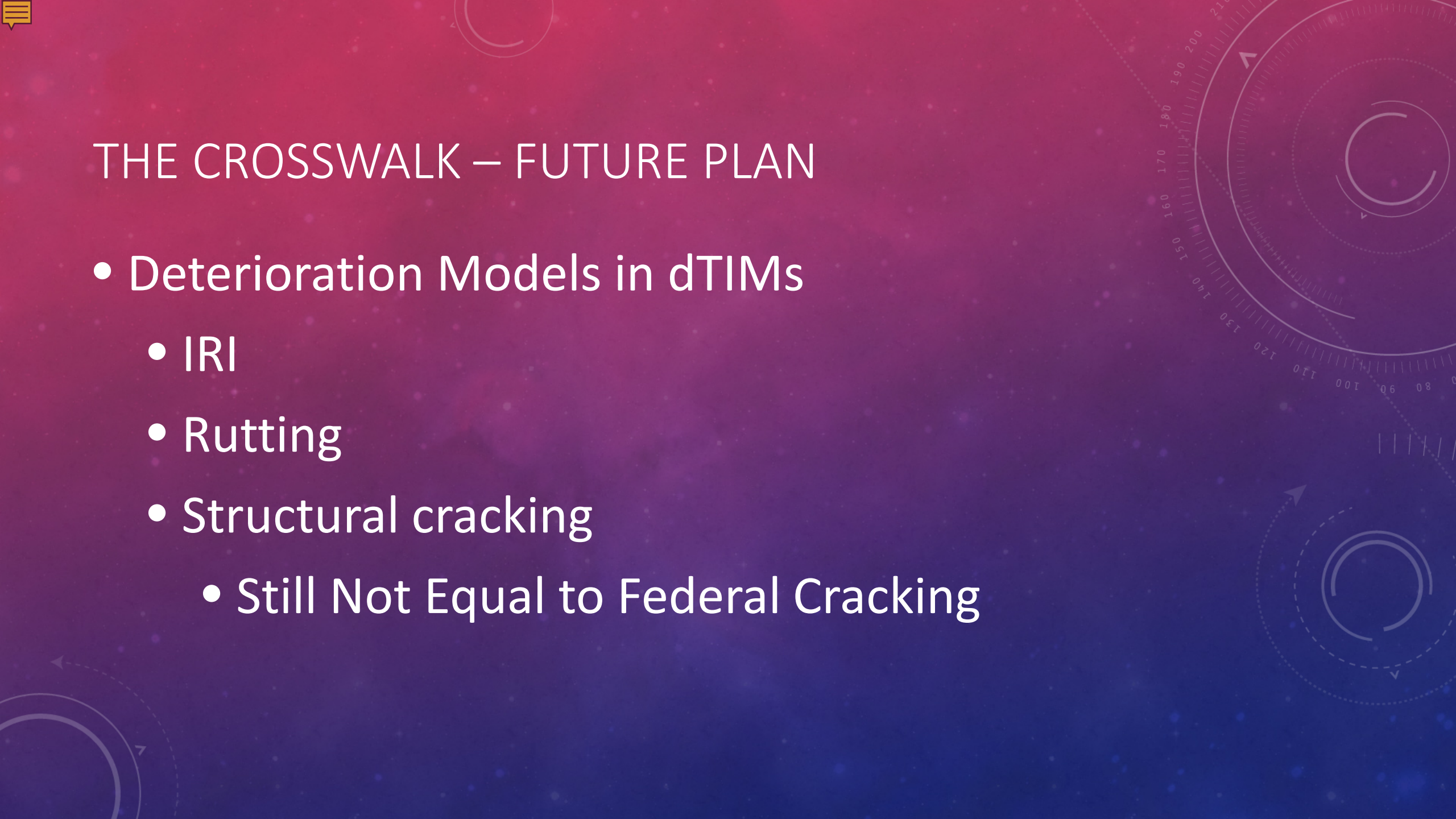
FEDERAL

# THE CROSSWALK





# THE CROSSWALK – FUTURE PLAN

- Deterioration Models in dTIMs
    - IRI
    - Rutting
    - Structural cracking
      - Still Not Equal to Federal Cracking
- 



# IN CLOSING

- Determining Pavement Condition Has Changed
  - IRI
    - Was Great, But It Didn't Provide Enough Information
  - Federal Metrics
    - Is Better Than IRI and
    - Makes Comparing States Pavement Data Possible
    - Cannot Be Used For Pavement Management
  - DOT PCI
    - Can Be Used For Pavement Management
    - Cannot Be Used To Compare States
- Education Will Be Needed
- Life Would Be Easier If We Didn't Have To Model Federal Good, Fair, Poor



QUESTIONS

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