

MAP-21 Performance Measures

Southeast Pavement Preservation Partnership

May, 2014



U.S. Department of Transportation
Federal Highway Administration

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National Highway Performance Program: Summary

Proactive and transparent management of \$40 billion Highway Program



What affects you?

1st Principle: Implements Legislation

2nd Principle: NHPP Focus is NHS

3rd Principle: More Flexibility for States

Important terms

1. Performance
2. Asset Management
3. Risk
4. Investment Strategy



Performance Measures

1. Operational
2. Liability (Risk)

Not:

How to manage system

How to prioritize investments

Used for:

Setting targets for conditions

Reporting on Progress

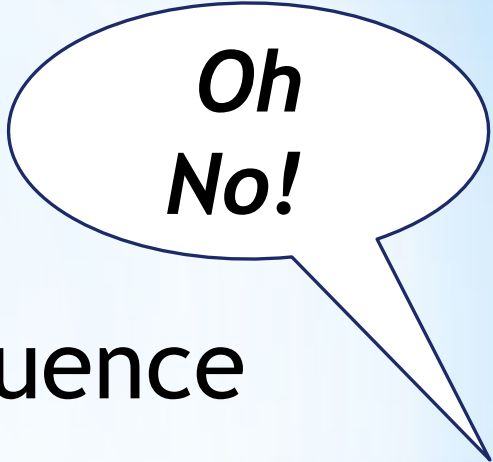
Asset Management

NHPP Legislation says all States have to have an Asset Management Plan

Contains:

- A. Inventory of pavement and bridge assets including condition
- B. High-level Objectives and Measures
- C. Performance Gaps
- D. LCCA and Risk Management Analysis
- E. Financial Plan
- F. Investment Strategies

Risk....



*Oh
No!*

Risk = Probability x Consequence

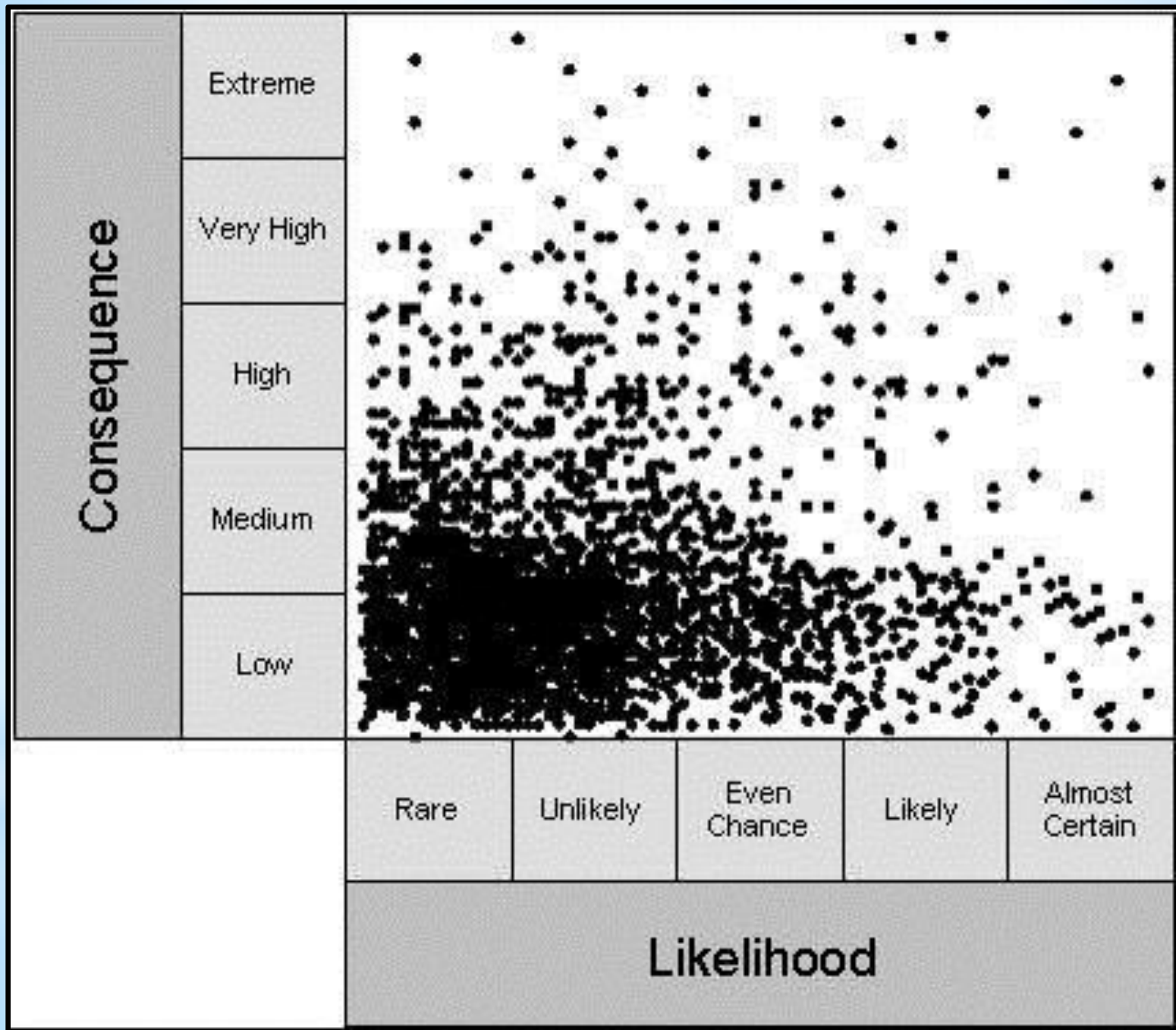
- Natural Disaster
- Premature Material Failure
- Construction Delay
- Inadequate Revenue
- Traffic Generator
- Crash

Risk Rating = Likelihood x Severity

S e v e r i t y	Catastrophic	5	5	10	15	20	25
	Significant	4	4	8	12	16	20
	Moderate	3	3	6	9	12	15
	Low	2	2	4	6	8	10
	Negligible	1	1	2	3	4	5
				1	2	3	4
			Improbable	Remote	Occasional	Probable	Frequent
			Likelihood				

- Catastrophic **STOP**
- Unacceptable **URGENT ACTION**
- Undesirable **ACTION**
- Acceptable **MONITOR**
- Desirable **NO ACTION**





Investment Strategies

You already have them!!!

MAP-21 says:

1. Transparent
2. Performance Link
3. Data-driven
4. Do the economics

Details:

Schedule:

- Public Comment this Summer
- 90 days to comment
- All comments have to go to Docket
- Implementation Spring 2015

And now..

Proposed “Grow America Act”

- “Fix-it-First” Initiative
- Innovation and Better Planning
- Multimodal Freight Projects
- Workforce Development and Training
- Accelerate Review Processes
- Innovative Financing
- Increase STP funding