



INTERRUPTED SUPPLY CHAINS

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FUTURE PREDICTIONS

- *“People all over the world will have to purchase a new calendar within the next twelve months”*
- *Something Will Disrupt Supply Chains...*



WHAT SOMETHINGS?

- Weather Events
- Political Decisions
- Man-made actions

It seems:

In a mature/fragile system,
asymmetric risks are becoming a
new norm!



SESSION OUTLINE

- Locks and Dams Closure
- Atlanta I-85 Fire/Collapse
- Louisiana's Developing Supply Chain Response

LOCK AND DAMS

Waterway supply chains are critical links in US economy

System in need of repair/funding

System unreliably concerns

When system becomes unavailable

Goes onto what mode?

Chickamauga

Pittsburgh

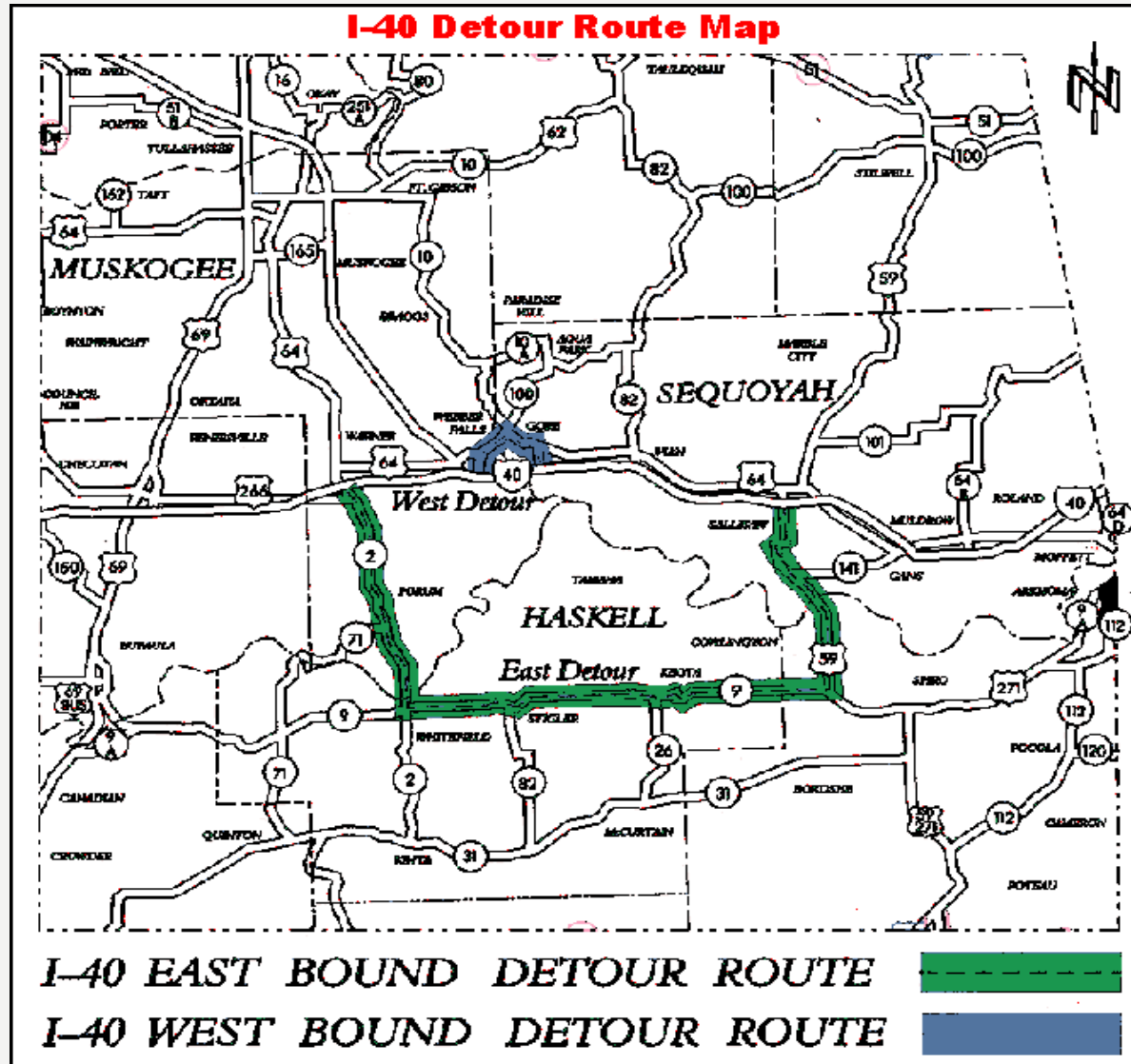
The Pinnacles

COMMODITY FLOWS AFFECTED BY THE I-40 BRIDGE COLLAPSE AT WEBBERS FALLS, OKLAHOMA: A PRELIMINARY ASSESSMENT

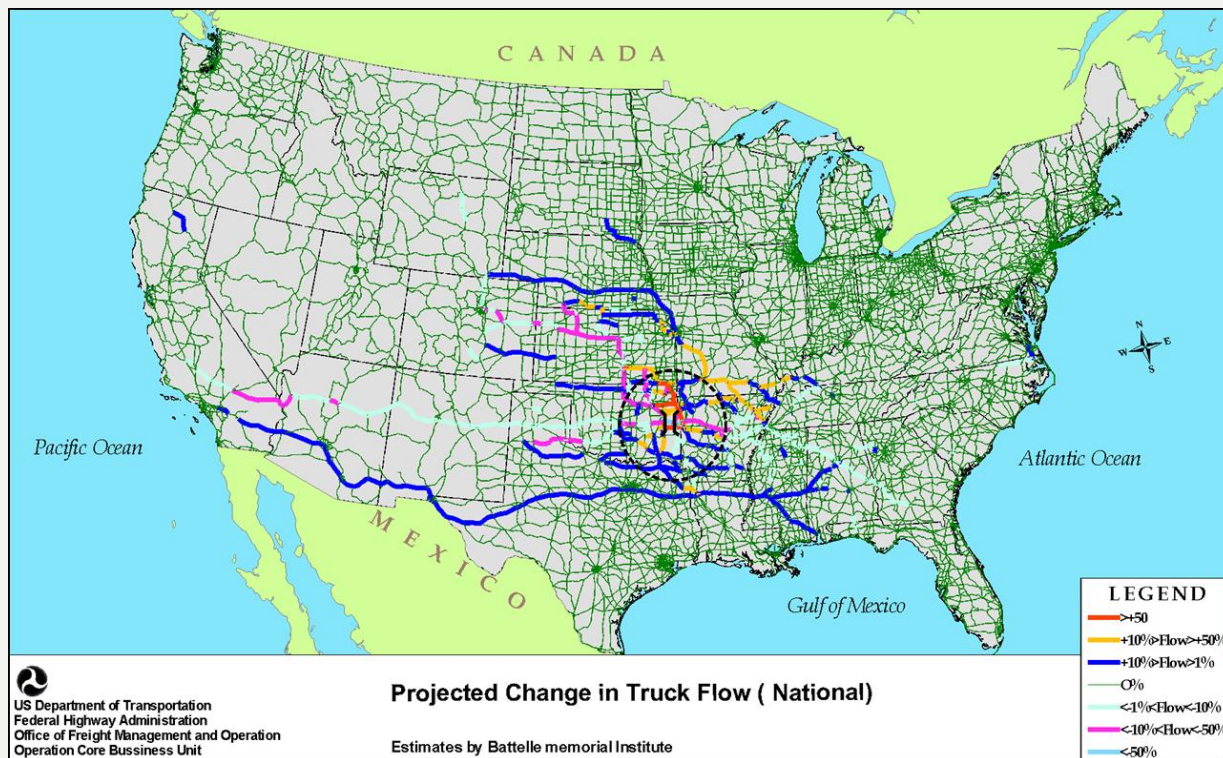
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OKLAHOMA DOT'S DETOURS



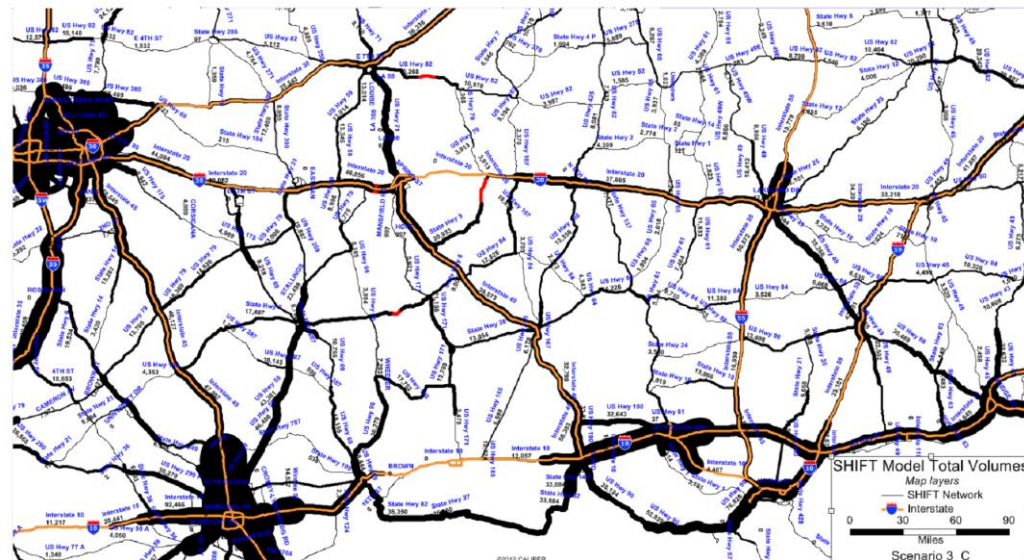
PROJECTED NATIONAL TRUCK FLOW CHANGES



ITTS FUNDED SHIFT MODEL

- Multistate Travel Demand Model
- Predictive Analytical Tool

■ Build Daily Volume Flows (Scenario 3_C: I-20 & I-10 Closure)



EVOLUTION OF INFRASTRUCTURE

- Seen as competitive asset
- Roughly 1/3 of most state's economy – freight dependent
- State's seek retain/attract prosperity with sound infrastructure investments and operational strategies
- The system is multmodal
- Need to assess/respond to disruptions in a collaborative framework

