

Exceptional service in the national interest



Balancing Commerce and Security Coupled Supply-Chain, Port-of-Entry System

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Erik Webb, Jared Gearhart, Rossitza Homan, Eric Vugrin, Matthew Sumner

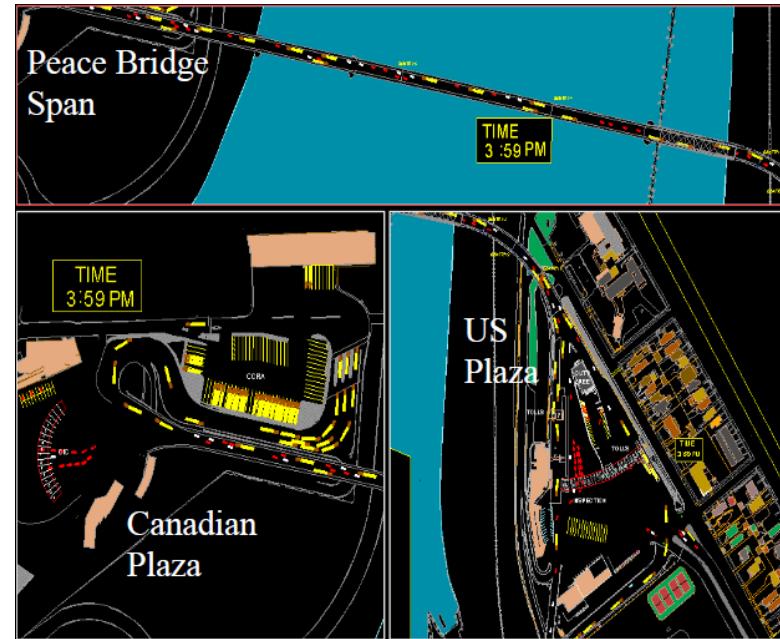
Problem

- Need to “improve” the cross-border flow of goods
- Many stakeholders, many definitions of “improved”
 - Reduced costs to U.S. Government
 - Increased U.S. border security
 - Reduced transit time (and other metrics) for industry
- Many process “improvement” options
 - Technologies: sensors, information technologies, etc.
 - Changes at ports of entry (POEs): adding lanes, increasing staff, etc.
 - Incentives: increase participation in FAST and C-TPAT
- No systems-level approach for considering tradeoffs between process changes with respect to various stakeholder interests

Relevant Border Research

Many studies have focused on improvements at a specific POEs

- State DOT and academic efforts to assess port operations
- Studies on predicting border crossing delays
- Studies on measuring port delays using GPS, RFID, and other technologies
- Border Wizard: POE simulation model developed by CBP/GSA



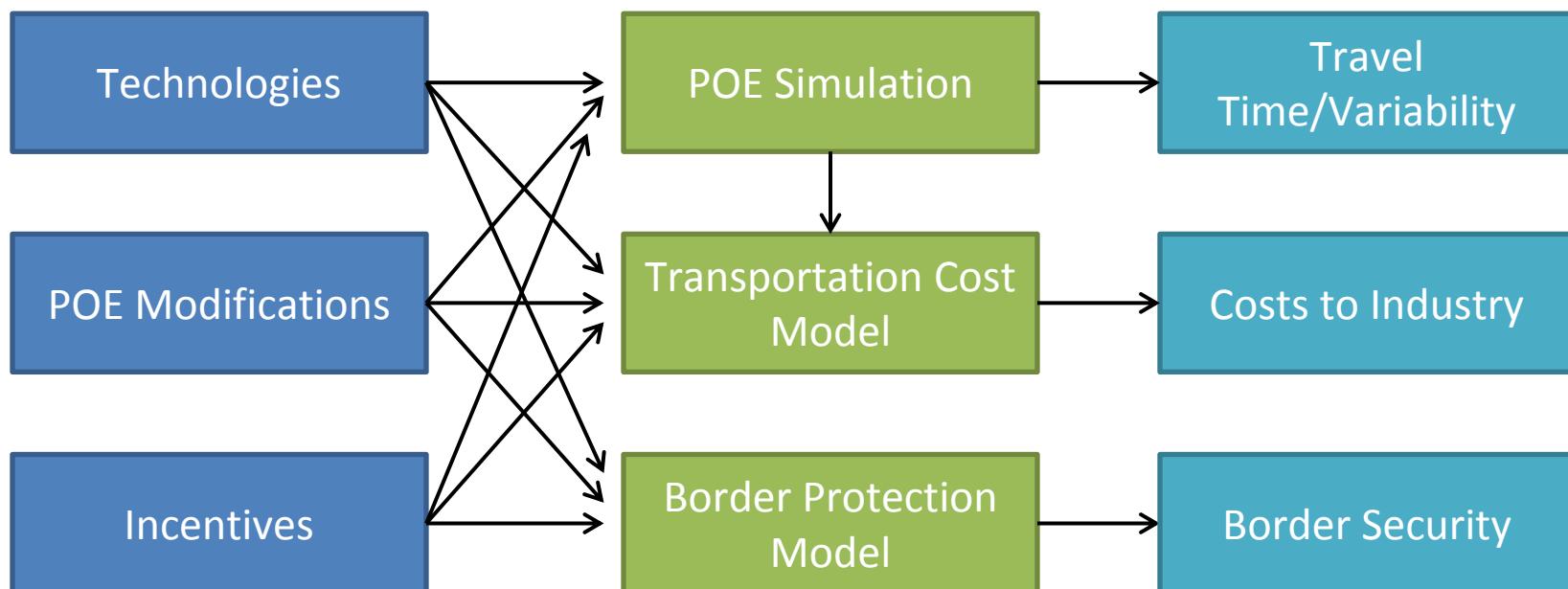
Concept



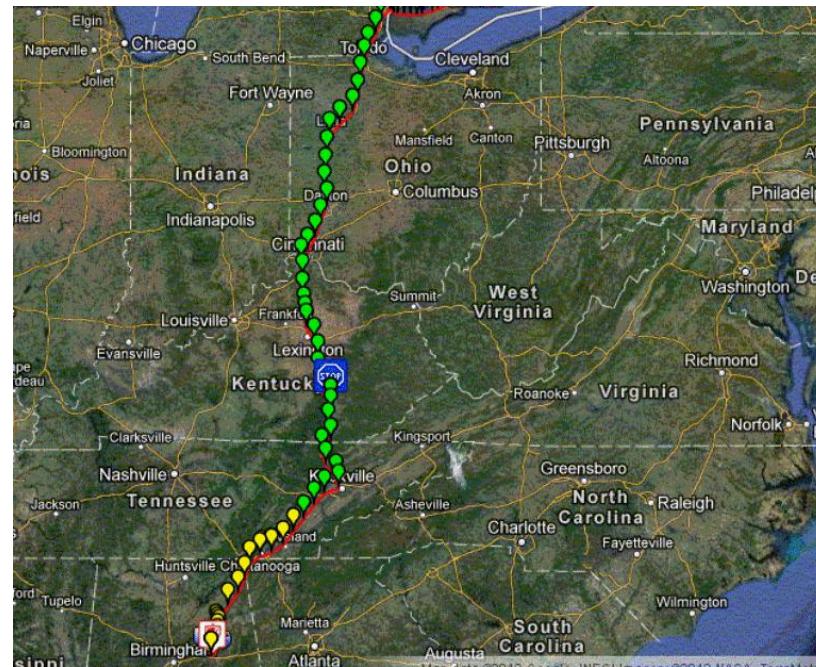
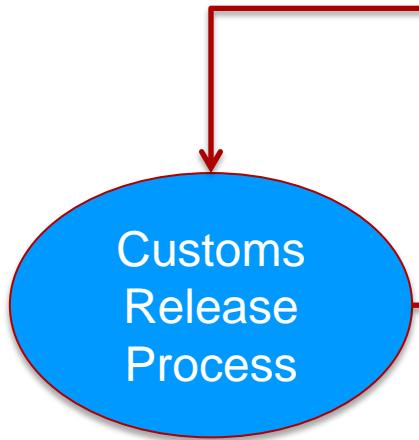
Potential Process Changes

Models

Stakeholder Objectives



Elements



Assessment

- Determine the mix of improvements which satisfy various stakeholder objectives

