

# **Freight & Rail Plan Updates**

Statewide Transportation Planning Meeting



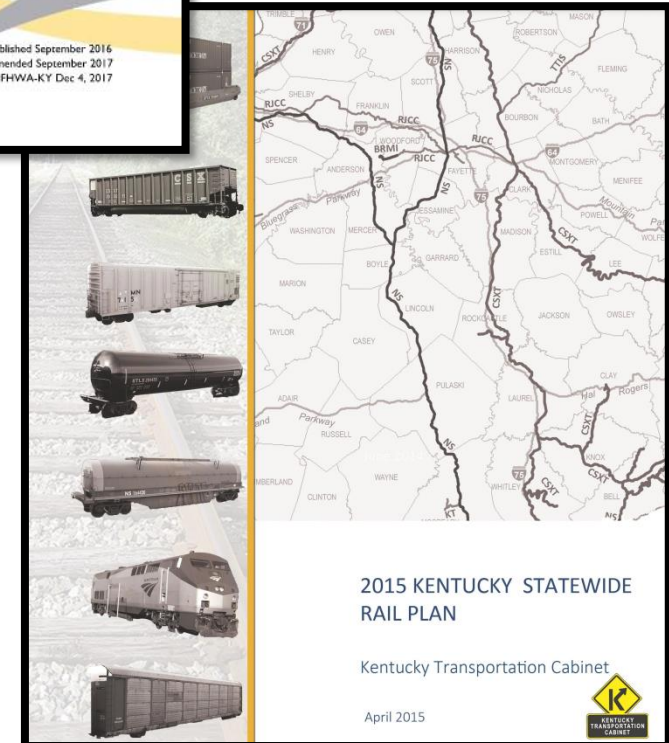
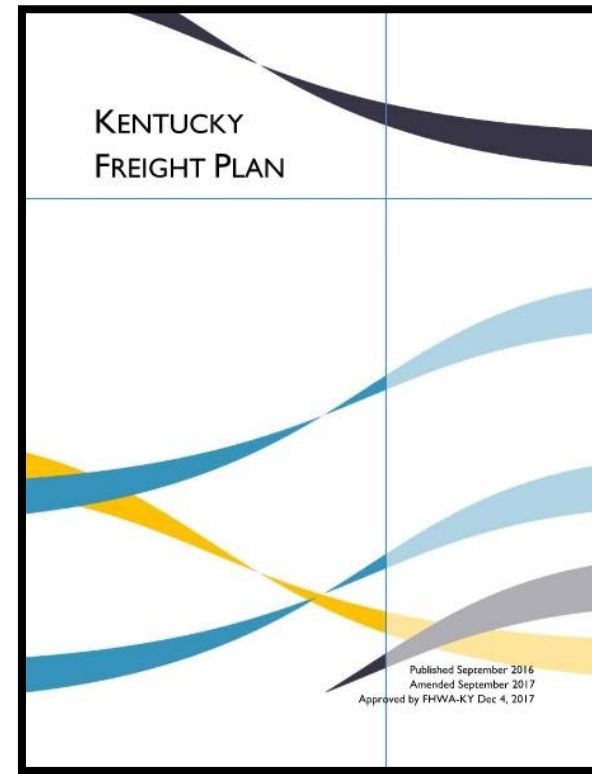
October 2021

# Project Goals

- Update both plans to current conditions
- Meet current US DOT requirements
  - FAST Act
- Set stage for US DOT approvals
  - Maintain eligibility for federal funding

## Context

- *Minimal changes to document structure*
- *Updates – not new plans*



An aerial, high-angle photograph of a large truck parking lot at night. Numerous semi-trucks are parked in neat, diagonal rows across the lot. The trucks vary in color, including white, red, blue, and yellow. The lot is illuminated by overhead lights, creating a bright area in the center where the trucks are parked, while the surrounding areas are dark. The text "Kentucky Freight Plan" is overlaid in white, bold, sans-serif font across the lower half of the image.

# Kentucky Freight Plan

# Introduction

- Changes since 2017 ....
- Opening Text
- FAST Act
- Coordination with other Plans
  - LRTP, Riverports Study
- Sections on MPO Freight Plans
  - KIPDA, KYOVA, and OKI
- Federal Legislation and Policy/Planning
  - National Freight Strategy (2020)





# Kentucky Freight System

- Update Data for all Modes
- Highways
  - Freight Analysis Framework V5, Maps, TPIMS and Truck Parking
- Inland Waterways
  - Riverports Study Data
- Rail Network
  - Association of American Railroads Data
- Air Cargo
  - New Volumes and Rankings, Expansions, Amazon Air Hub

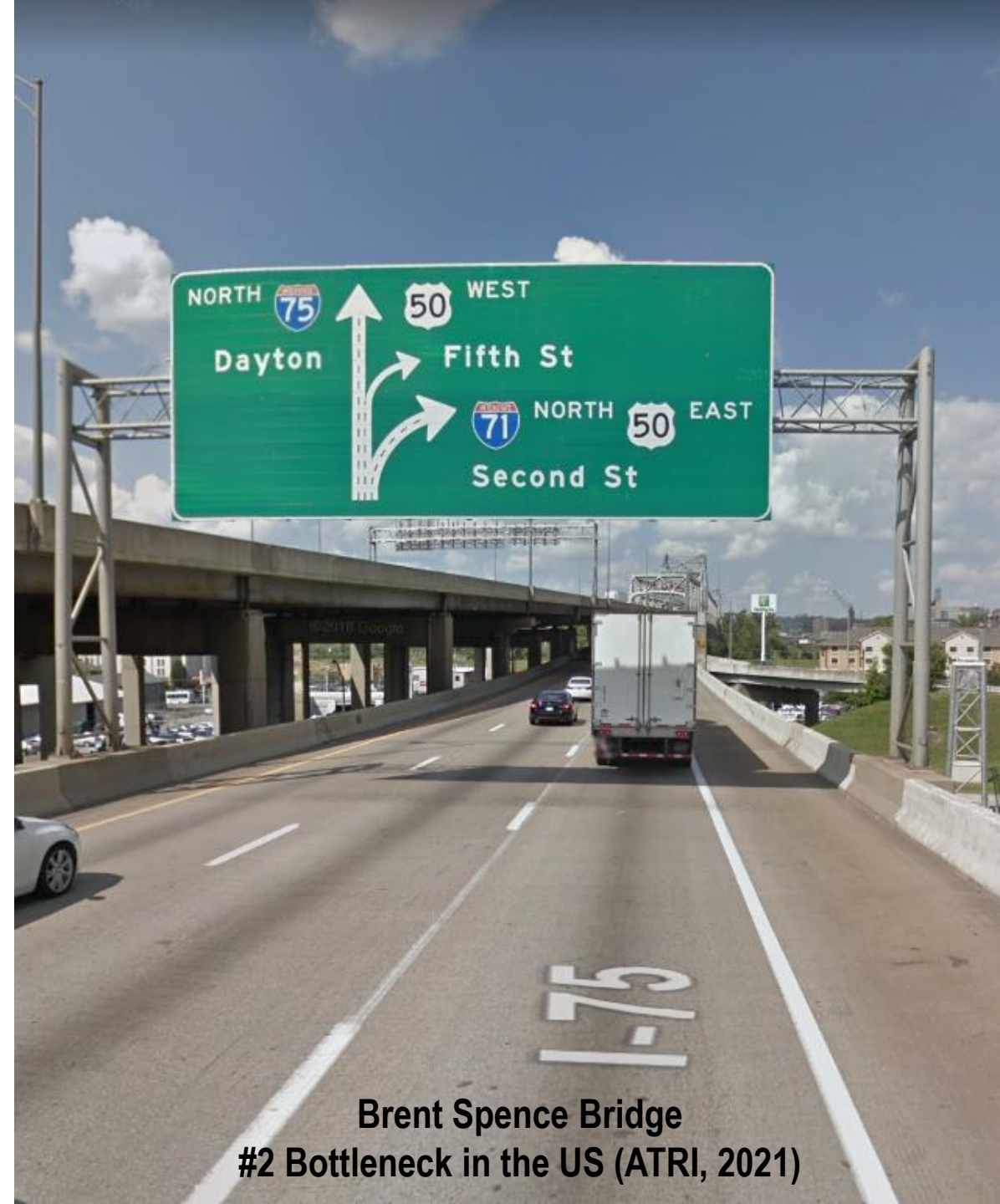


# Goals and Performance Measures

- Current Kentucky LRTP Vision and Goals
- Current Federal Goals
- Comply with Federal Performance Measures
  - Statewide Truck Travel Time Reliability (TTTR) Index

# Current Conditions

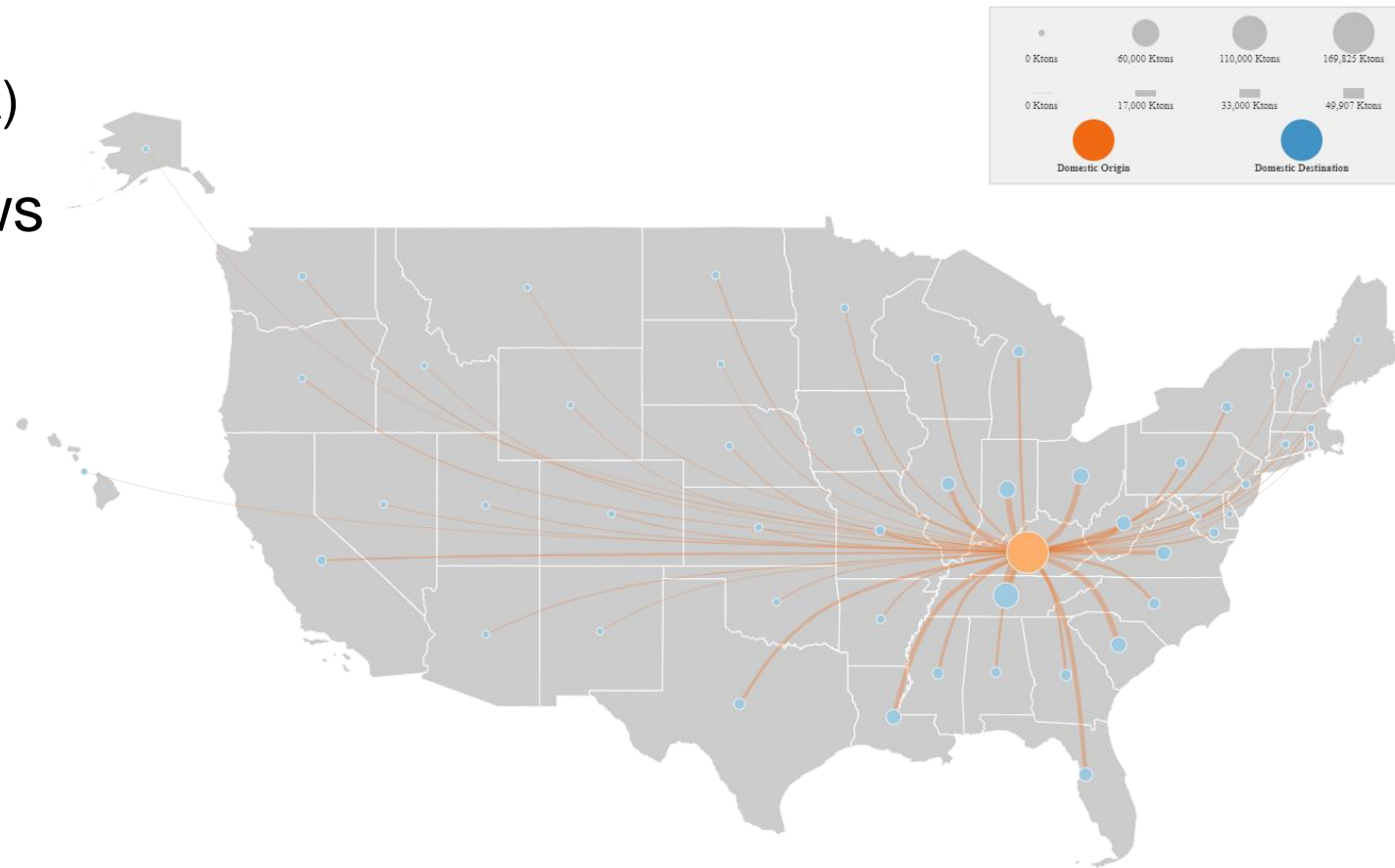
- Highways
  - Bottlenecks, Truck Parking, State of Good Repair, Bridges, and Safety
- Inland Waterways
  - Riverports Study Information
- Rail
  - FRA Data, Track Conditions, Safety
- Pipelines
  - Pipeline Conditions, Safety
- Air Cargo
  - Air Cargo Conditions, Safety



**Brent Spence Bridge  
#2 Bottleneck in the US (ATRI, 2021)**

# Key Industries and Supply Chains

- History and Economic Snapshot
  - Current Industry and GDP (US BEA)
- Supply Chain and Corridors/Flows
  - Exports, National, Statewide
  - Freight Analysis Framework V5
- Intermodal Connectors
  - First and Last Mile Connections





# Trends and Challenges

- Internal Trends
  - Examples: coal, automotive, and agricultural industries
- External Trends
  - Examples: Panama Canal, Environmental Policy, New Technologies, and Alternative Energy Information



## COAL HAUL REPORTS & EXTENDED WEIGHT HIGHWAY SYSTEM 2019



# Operational Strategies & Freight System Needs

- Strengths
  - Examples: Funding, Capacity, and Operations
- Weaknesses
  - Examples: Funding, Connectivity, Operations
- Future Needs
  - Use Ongoing Studies

# Policy and Strategic Recommendations

- Funding Programs
  - Latest US DOT, KYTC, and other agency funding programs across all modes/uses
- Program Recommendations
- Policy Recommendations
  - Reframe around current Long Range Transportation Plan goals
- Mega-Projects Section

# Freight Investment Plan

- SHIFT process
  - Commentary on Project Ranking and Utilization for Freight Investment
- Combine Funding and Project Tables



# Project Schedule

- Working on this update now ...
- Draft Plan Document – First Quarter 2022
- Approval Plan Document by Third Quarter 2022



# Kentucky Rail Plan

# Technical Updates by Chapter

- Freight and Intermodal
  - Maps, tables, data, and graphics
- Passenger Rail
- Rail Funding
- Rail Safety and Security
- Rails to Trails

*Will use available data and studies to the extent possible*

# Both Plans Updated and Approved in 2022

