KENTUCKY TRUCK PARKING INFORMATION MANAGEMENT SYSTEM
2015 Tiger Grant Award

- Project: Regional Truck Parking Information and Management System
- Eight state partnership
- $25 million awarded by FHWA
- $3.67 million eight state match
- Kentucky share $2.78 million with $309K match
PROJECT GOAL:

• Implement a regional truck parking information management system using existing ITS technology on major truck freight routes in eight states.

• Parking information will be disseminated through smartphone applications, dynamic road signage and websites.

• Help truckers quickly and accurately identify safe truck parking spots for needed rest and overnight stays.
Project Highlights and Benefits:

• Project optimizes the usage and performance of existing facilities.
• Provides safe and reliable access to truck parking and reduces overcrowding at rest areas and truck stops.
• Decreases the number of unsafe incidents involving commercial vehicles parked on the shoulders and ramps of highways.
• Multi-state coalition represents one of the largest geographic areas of ITS deployment of truck parking technology.
• Scheduled to go live on 1/2/2019 in eight states.
Kentucky Parking Project Locations:

• 13 sites on I-65 and I-75 corridors
• 5 located at weigh stations
• 7 located at rest areas
• 1 located at private truck stop
Kentucky Transportation Cabinet

Truck Parking Information Management System (TPIMS)
Final Design
How does it work?

- System uses pole mounted radar beams to count trucks entering and exiting a parking lot.
- Available spots are displayed on a variable message board prior to the entrance/exit ramp.
- Overhead parking lot cameras will be monitored to check accuracy of radar equipment and to make count corrections if needed.
Site Layout: I-65 NB Weigh Station
Site Layout: I-65 NB Rest Area
Equipment Used:
CONTACT INFORMATION

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