

1

## Project Goals

- **Identify Truck Parking Supply and Demand:** Statewide and on major corridors
- **Focus on Safety:** Unauthorized parking on highway ramps
- **Leverage Existing KYTC Right-of Way:** Low Cost/High Impact opportunities in increase truck parking capacity
- **Act Now:** Complete preliminary conceptual design of new/upgrade parking facilities

2

## PROJECT APPROACH



3

## TRUCK PARKING ANALYSIS



4

## ANALYSIS

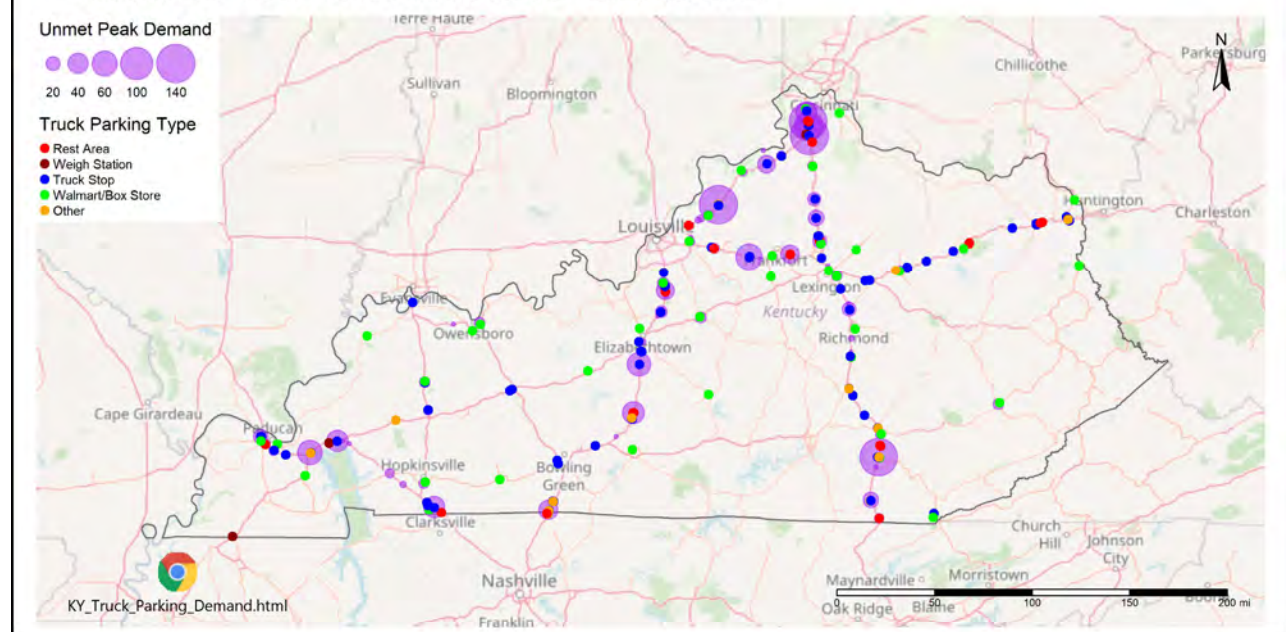
### Key Conclusions

- Weekday = 9,000 trucks parked (4+ hrs)
- 7,196 truck parking spots in Kentucky
- Busiest night is Wednesday
- Public/Private Sector Split
  - 82% private sector truck stops
  - 18% rest areas and weigh stations



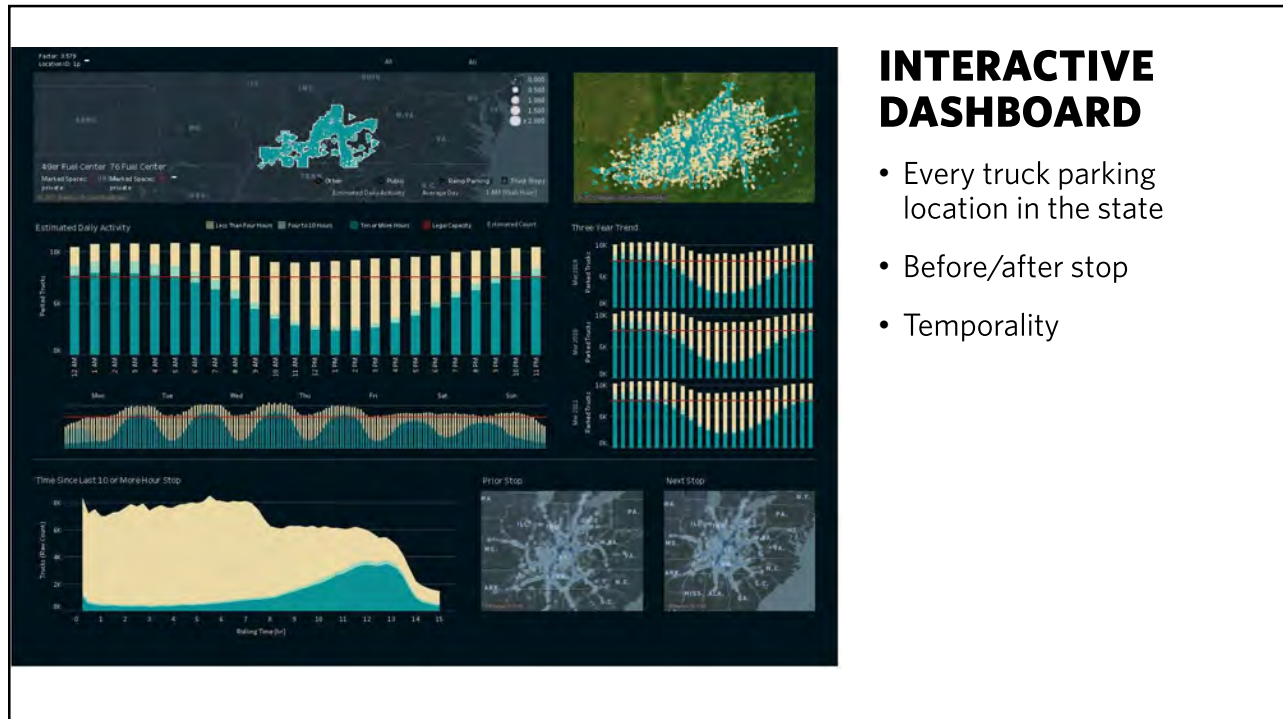
5

## UNMET TRUCK PARKING DEMAND



6



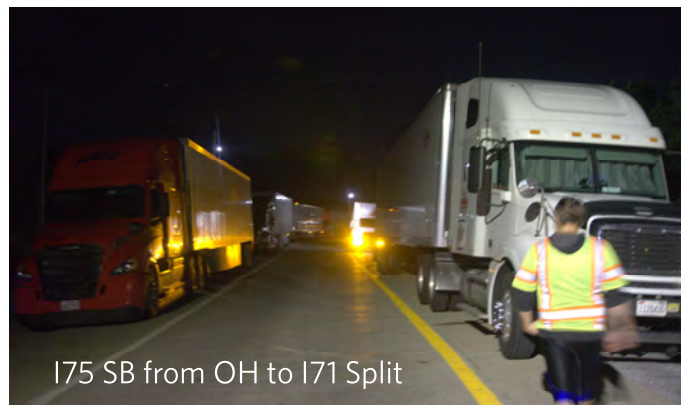


7

## SITE VISITS

### Boots on the Ground Verification

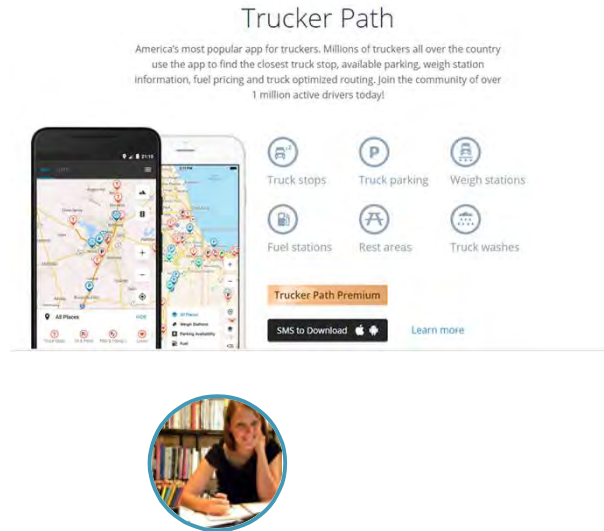
- High Demand Areas
  - Photos and Drone Footage
- Areas Explored:
  - I-24 (WB Rest Area - MP 7)
  - I-64 (I-75 to Louisville)
  - I-65 (N/S of BG Parkway)
  - I-71 (Louisville to I-75)
  - I-75 (Lexington to Tennessee)
  - I-75 (NB Lexington to Ohio)
  - I-75 (SB I-71 to Lexington)
  - I-75 (SB Ohio to I-71 Split)



8

## DATA DRIVEN, STAKEHOLDER INFORMED

- Role of Stakeholders
- Approach
  - Steering committee
  - Interactive website
  - Survey
  - Focused outreach (KTA, OOIDA)
  - Crowd-sourced data validation
    - Trucker Path

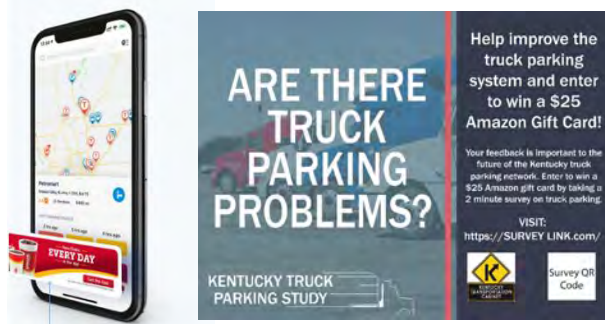


9

## TRUCK PARKING SURVEY

### Focused on Truck Drivers

- Dissemination
  - Trucker Path Banner Ads
    - More effective than Facebook
  - Social Media
    - KYTC, KSP, etc.
  - Rest area, rest havens and weigh stations
    - Yard signs and interior signage



#### KYTC Truck Parking Study Survey 1

The Kentucky Truck Parking Study has simple focus: identify truck parking issues and solutions throughout Kentucky. To do this, we need help from those that drive trucks and know the issues first hand! Please take 2 minutes to give tell us the issues and you will be entered to win a \$25 Amazon gift card!

1. Which best describes yourself?

- ☐ I am an owner/operator
- ☐ I drive for fleet.
- ☐ I am a shipper or receiver
- ☐ Other

10

## KYTRUCKPARKING.COM

- Device responsive site featuring engaging content:

- Why Truck Parking Matters
- Current Trends
- Truck Parking Study Goals
- Key Takeaways from the data
- Truck Parking Supply and Demand Map
- Ability to Connect and Receive Updates



11

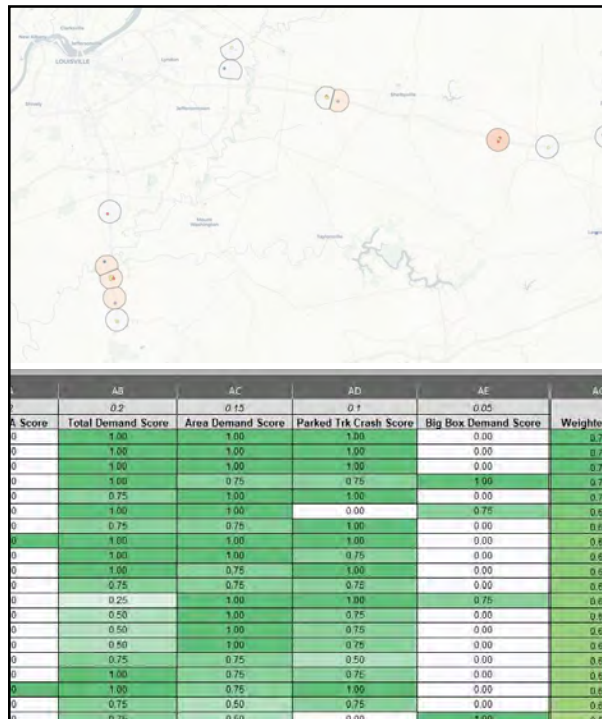
## ALIGNING OUTREACH: PROMOTING THE SURVEY

12





13



## CAPACITY IMPROVEMENT PRIORITIZATION

- Scoring Matrix Determined
  - Ramp Parking (1)
  - Unmet Weigh Station or Rest Area Demand (2)
  - Total Parking Demand (3)
  - Adjacent Demand (4)
  - Parked Truck Crashes (5)
  - Third Party Lot Demand (6)
- Score determined for each exit
  - Used to prioritize expansion sites

14





## INNOVATIVE SOLUTIONS

### Supply

- Shared-parking
- Site Re-Use
- Design
- Technology / Information

### Demand

- Technology / Information
- Forecasting
- Efficiencies

17

## FINDING SPACES AVAILABLE

- Online apps: Park-My-Truck, Trucker Path, Drivewyze, Pilot- Flying J
- Message boards: TPIMS, TPAS (FL)
- Websites: Truck stop chains



18

## IMPLEMENTATION PLAN

### More Capacity

- Excess / unused public property & ROW space
- Rest areas – Realign, expand, reopen
- Weigh stations – Rest havens
- Park & Ride lots



19

## ACTION PLAN

- Project Sheets
- Low-cost solutions / benefit-cost
- Prioritization
- Matching funding to solutions
- Recommendations
  - Short-term capacity
  - Long-term improvements
  - Technology



20

