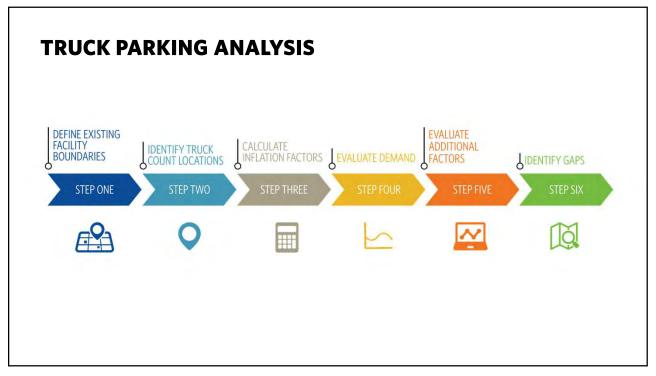


_

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





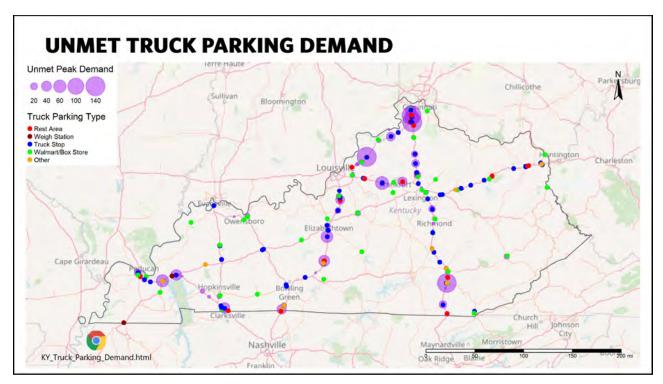
ANALYSIS

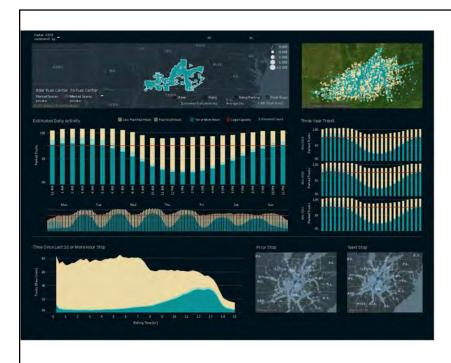
Key Conclusions

- 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% percent rest areas and weigh stations



5





INTERACTIVE DASHBOARD

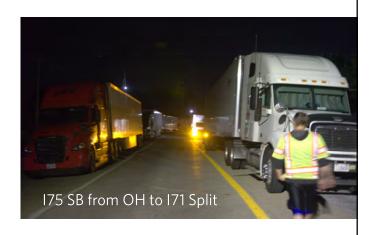
- Every truck parking location in the state
- Before/after stop
- Temporality

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)



DATA DRIVEN, <u>STAKEHOLDER</u> <u>INFORMED</u>

- 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



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

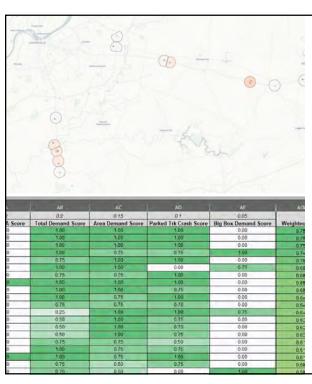


11





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

EXPANSION SITE SELECTION

- Proposed sites all with existing state right-of-way
- Searched for appropriate sites near each of the 111 exits
- Target sites scored based upon size, topography and access
- State ownership of each property confirmed with County property records
- Top sites to be visited for evaluation.



15



Expansion Site Design

- Near-term solutions
 - Existing Right-of-Way, Limited Environmental
 - Innovative Solutions
 - Conceptual design / cost estimates
 - BCA/ROI
- Importance of corridor-level decisions
 - Urban vs Rural

THEM DESIGNATION					parent by: 100 Consuming the							
THEM DESIGNATION.			Service Association		MONTH POWER LANGE		HANSEY CARE HETMEST				DATES A SILVER POTRICE	
	OWEY	1807	SHARKLE	AMERICA	TEST.	AMOUNT:	EST. QUANTITY	AMELIAS.	SHARITT	AMOUNT.	THAMITY	AMEDINE
	13	-	-14	-16	-78	700	- 79	17/16	- 18	200	15.00	170 to 1
DOMESTIC PROPERTY AND STATEMENT COURTS.				and the		\$1,000,019		E-ME-THE		100.04		313833
B I Propose Control of the Control o	de partes			119,00		177.00		16.00		F11.ME		H
DUSTOTAL BOTHAL AND LIGHTING CHEFTS.	E see	per		SHARE.	- 4	-10.00	- 4	DE SE	- 4	10.00 10.00	- 4	150.0
SERVICE SCHOOL & Printed Colors	10	- 1	300	D DO JO	2003	\$10.000 \$10.000	201	ELST MARKET	740	E-10	1860	111 ET 4
CONTRACTOR CONTRACTOR CONTRACTOR		_		101001101	_	FORESTO.	_	DHEM	_	Time bell	_	112723
										100	_	
MICELLA MICELLA CONTRA				1.41.61		- Autom		202-002		-		DEAD
	-8-			1911		HW		12.00		42		112
Saluta Sa	1			19 m		No.		10,00		43		#115 W/S
THAT I SEE TO SE	1			1510		Marin Joseph		12.00		431		#115 W/S
	-			19 m		No.		10,00		43		#119 #119 #119 #119
And Section 1	-			10 mm 112 mm 112 mm 112 mm 112 mm 112 mm		Marin Joseph Joseph		He Mile January Marchan Marchan		120		ELECTION OF THE PARTY OF THE PA
SANDS BELLEVIA	-			10 mm 112 mm 112 mm 112 mm 112 mm 112 mm		Marin Joseph Joseph		He Mile January Marchan Marchan		120		#119 #119 #119 #119
Training to the contraction of t	-	-		65 mm 113 mm 114 mm 11 mm 110 mm 11 mm 11 mm		Light Manager Communication Co		Hg Williams Bar Quan Bar Quan Brigana		LITTLE CONTROL OF THE		61 0 60 0 10 0 10 0 10 0 10 0 10 0 10 0
A TOTAL CONTROLS A STATISTIC MANUAL CONTROLS FOR ANY TOTAL FOR ANY TO	-	25		10 100 10 100 10 100 10 100 10 200 10		LOCATE DE LOCATE		Harman Harman Harman Harman Harman		THE STATE OF THE S		#150 #250 #150 #150 #150 #150 #150 #150
STATE OF THE STATE	Leybe			\$190.00 \$190.00 \$190.00 \$1.00		10 000 10 000 10 000 10 10 000 10 0		Harman Barton Little Brigan Drigan		TOTAL DE LE CONTROL DE LE CONT		ELLER EL ELLER EL ELLER ELLER ELLER ELLER ELLER ELLER ELLER ELLER ELLER ELLER ELLER ELLER EL EL EL EL EL EL EL EL EL EL EL EL EL

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



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



