

Truck Parking: Trucking Industry Perspective

Jeff Short - ATRI

ATRI

Trucking industry's NFP research organization

- Safety
- Mobility
- Economic Analysis
- Technology
- Environment

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Board of Directors



Research Advisory Committee



2015 Top Industry Issues

1. Hours-of-Service
2. CSA
3. Driver Shortage
4. Driver Retention
5. Truck Parking
6. ELD Mandate
7. Driver Health & Wellness
8. Economy
9. Transportation Infrastructure/
Congestion/Funding
10. Driver Distraction

CRITICAL ISSUES IN THE TRUCKING INDUSTRY – 2015



Presented to the
American Trucking Associations

Prepared by
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Top Issues Drivers vs. Carriers

Commercial Drivers

1. Hours-of-Service
2. Truck Parking
3. CSA
4. ELD Mandate
5. Driver Retention
6. Driver Health/Wellness
7. Economy
8. Driver Distraction
9. Transportation Infrastructure / Congestion / Funding
10. FMCSA Mission

Motor Carrier Execs

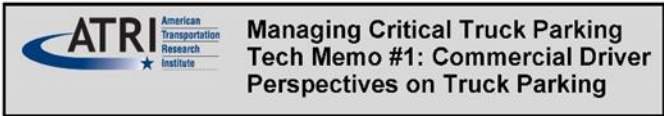
1. Driver Shortage
2. Driver Retention
3. Hours-of-Service
4. CSA
5. Transportation Infrastructure / Congestion / Funding
6. ELD Mandate
7. Economy
8. Driver Health/Wellness
9. FMCSA Mission
10. Driver Distraction

Hours-of-Service Overview

- 14-hour on-duty window
- 11-hour drive time.
- 10-hour rest break.
- 60/70 – 7 day/8 day
- 34-hour restart
 - ◆ (suspended 1 am to 5 am & 1 restart per 168 hr)
- 30 minute rest break

Managing Critical Truck Parking

- **Top RAC priority for 2015**
- **Research tasks include:**
 - ◆ **Driver data collection – yielded over 1,400 driver surveys**
 - ◆ **Utilizing truck GPS data to assess parking supply and demand**
 - ◆ **Benefit-cost analysis of truck parking reservation systems – impacts on productivity and safety**
 - ◆ **Impacts of lost capacity**



September 2015

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Minneapolis, MN



Managing Critical Truck Parking

- **Truck Parking Diaries**
– launched March 21st
- **Drivers to keep 14 days of parking activity**
- **Includes when, where, how long to find a spot, how many spots occupied by non-CMV's, lost productivity**



TRUCK DRIVER DAILY PARKING DIARY



Thank you for participating in this important research. Your input is critical to the success of this study.

Please follow the instructions inside to provide 14 days of truck parking activity before returning the completed diary to ATRI.

WWW.ATRI-ONLINE.ORG

Name: _____

Email: _____

For questions or more information, contact ATRI at 770-432-0628 ext. 1 or ATRI@trucking.org.

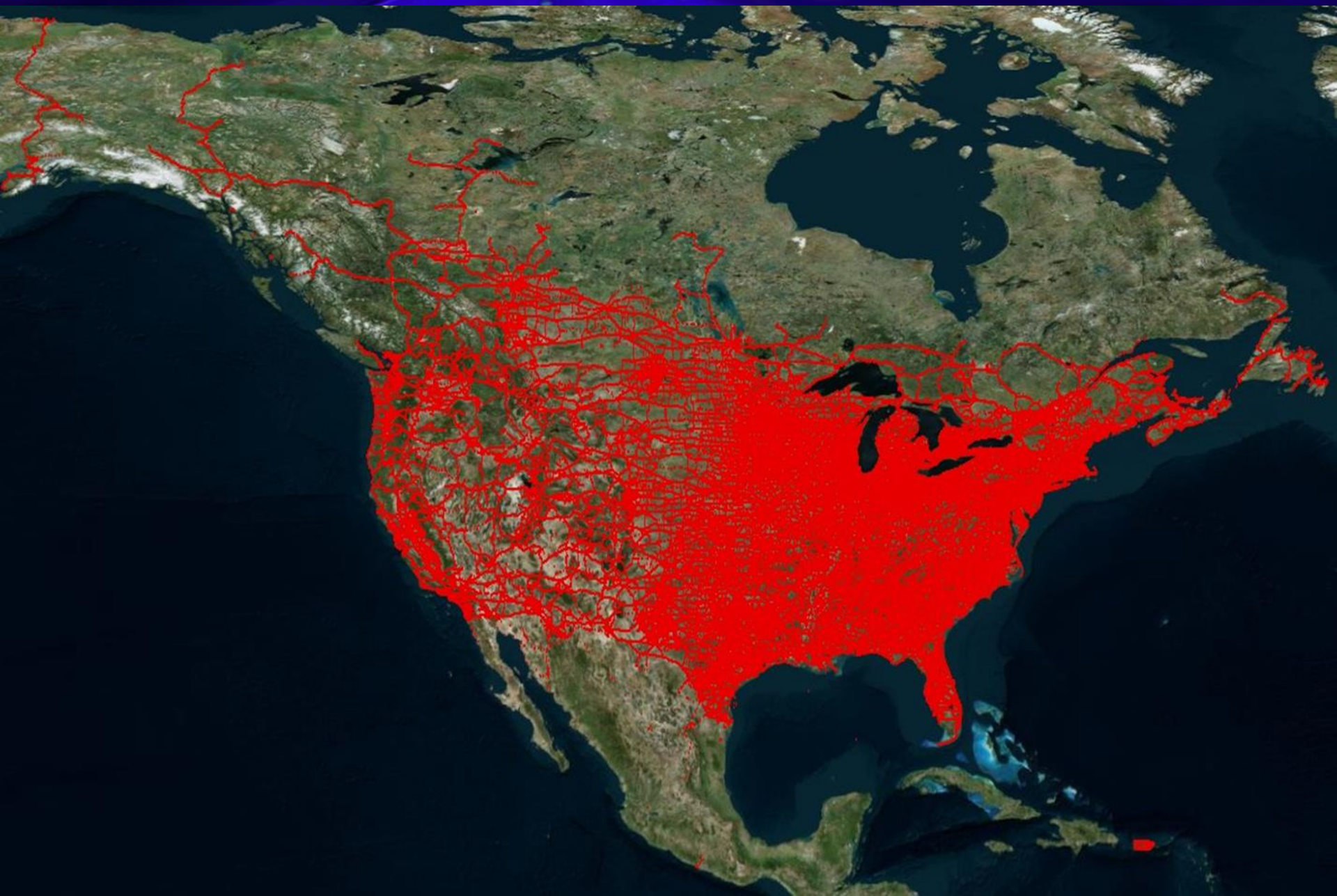


Managing Critical Truck Parking

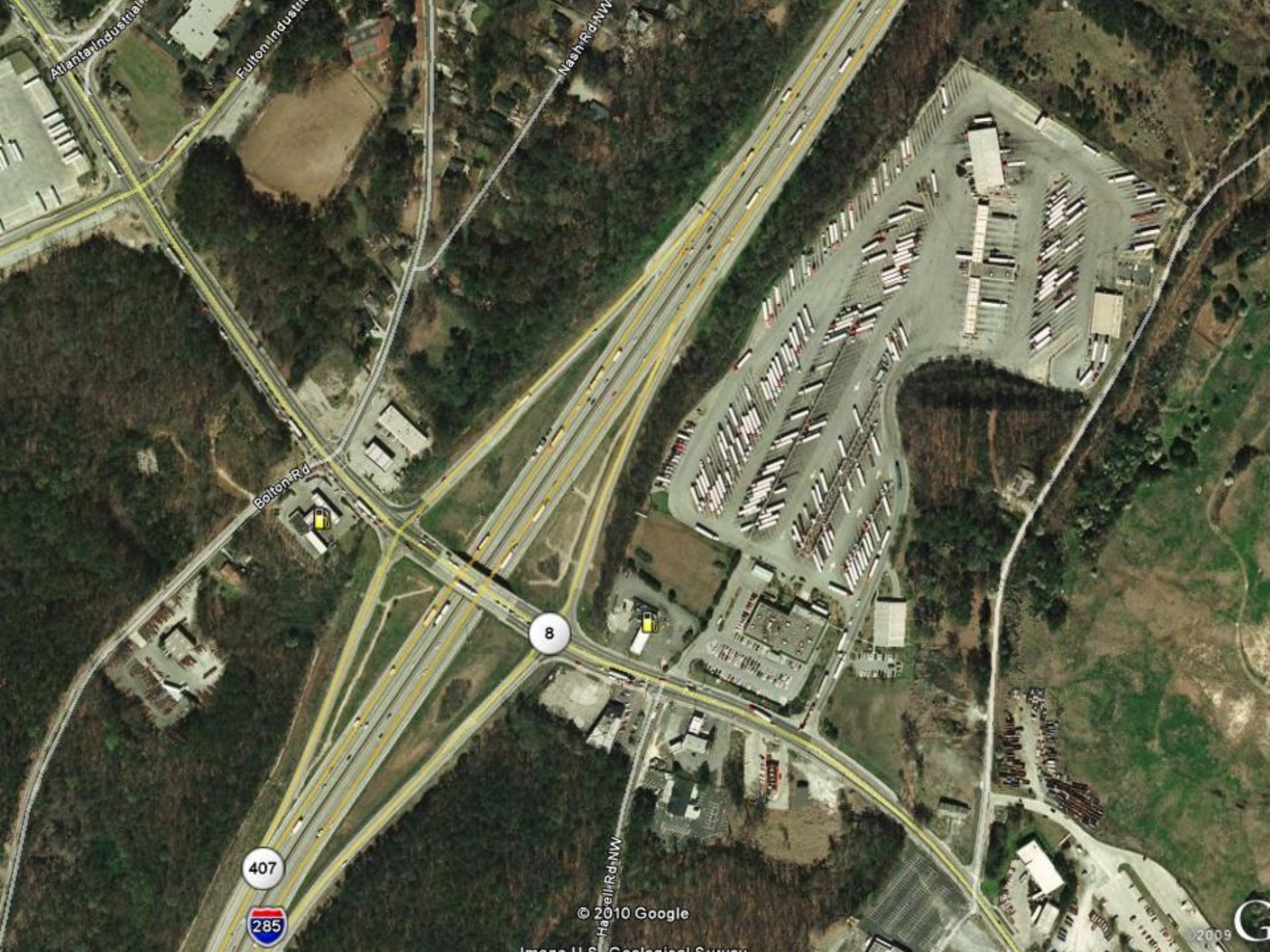
- Prequalifying surveys submitted by drivers = 628
- Drivers qualified = 553
- Drivers confirmed = 283
- Diaries shipped = 271
- Diaries returned = 28

Assessing Truck Parking Supply/Demand

- Assess supply/demand utilizing ATRI truck GPS data
- Proof of concept with MnDOT
 - ◆ Analysis to include 5 rest areas
 - ◆ Goose Creek Rest Area analysis complete
- Created methodology to examine truck parking demand at public rest stops
- Findings can inform investment decisions







Atlanta Industrial

Fulton Industrial

Nash Rd NW

Bolton Rd

Hawell Rd NW

8

407

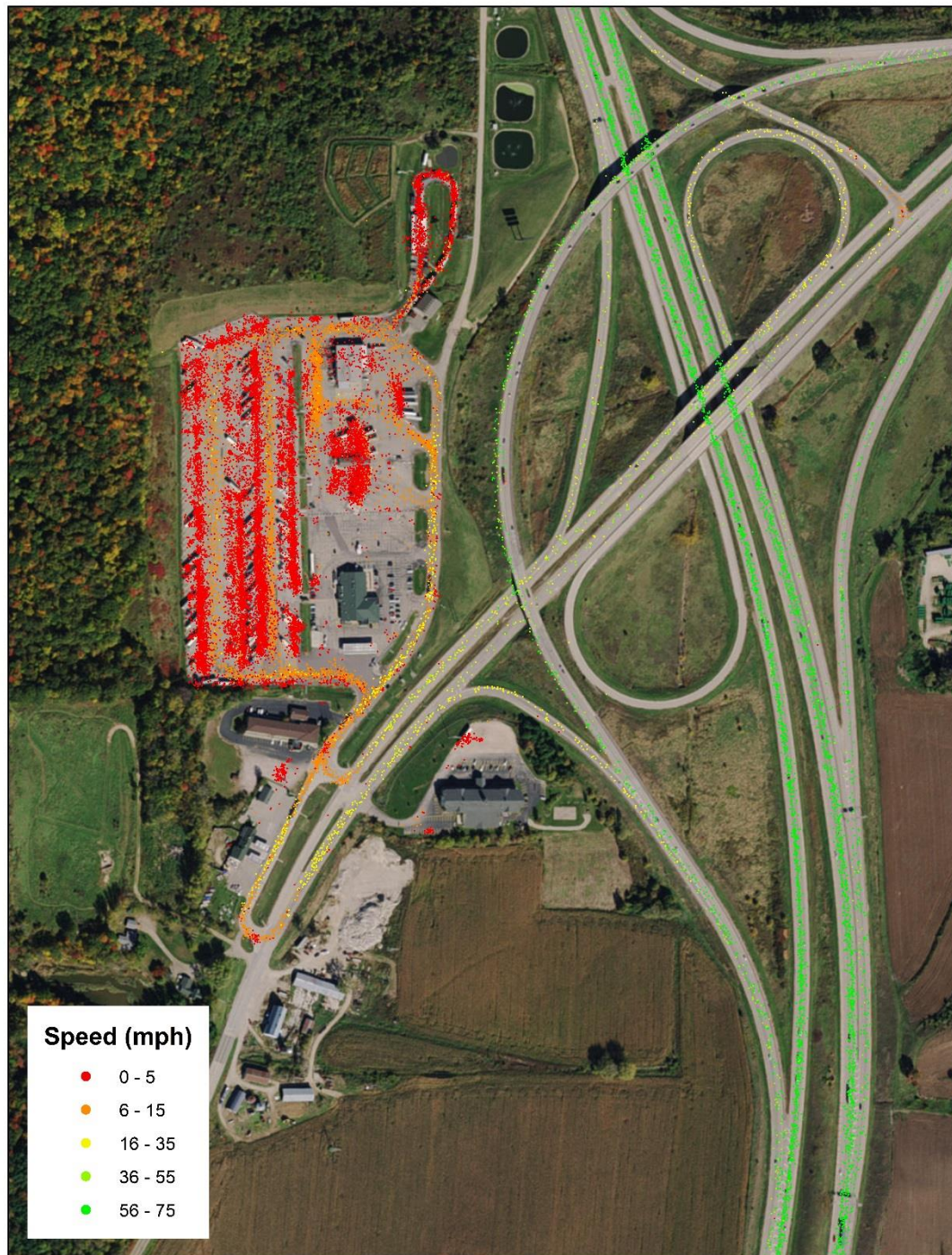
285

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Image U.S. Geological Survey

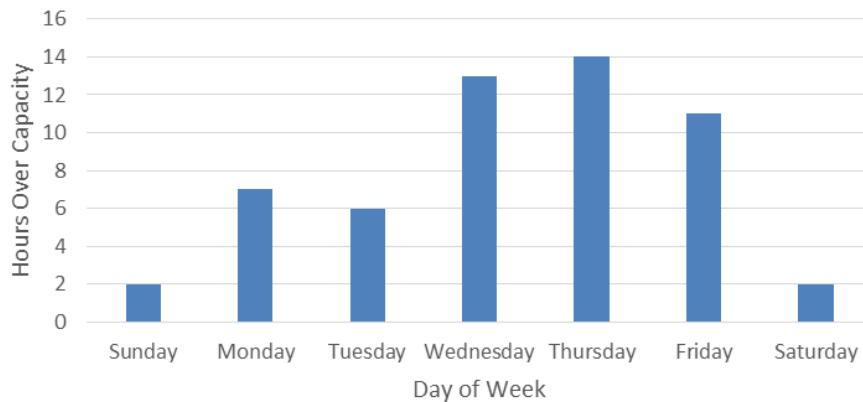
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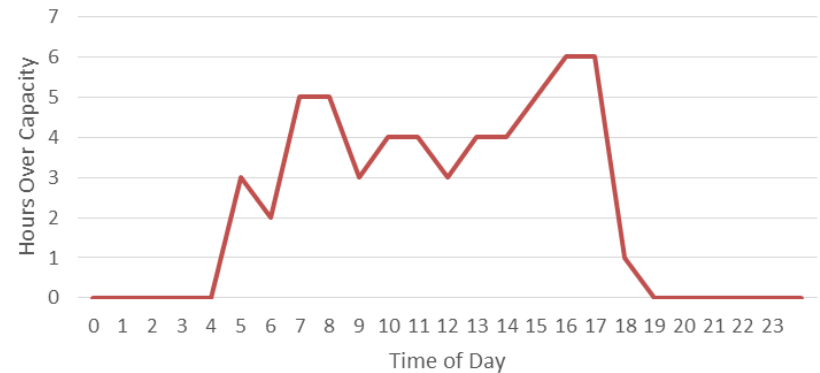


Managing Critical Truck Parking

Overcapacity by Day of Week
(October 2015)

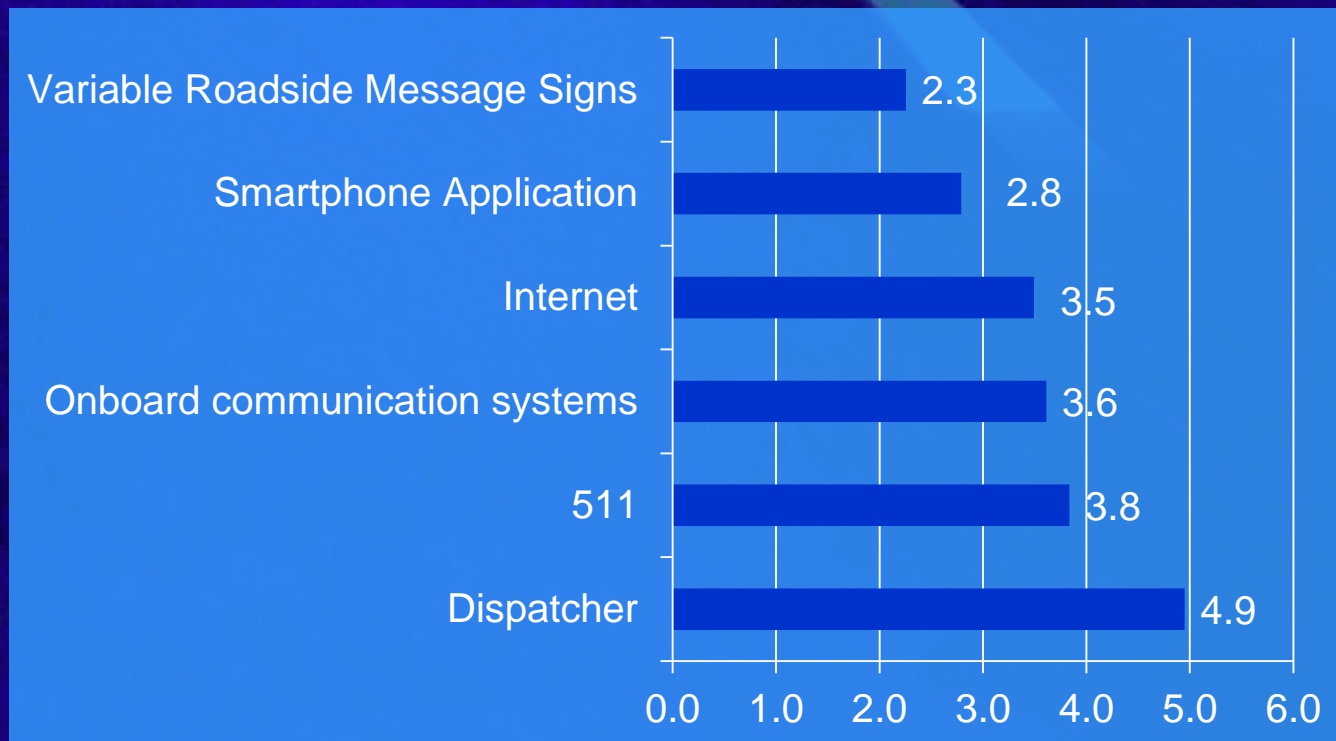


Overcapacity by Time of Day
(October 2015)



ATRI Truck Parking Survey Analysis

How would you like to receive truck parking information?

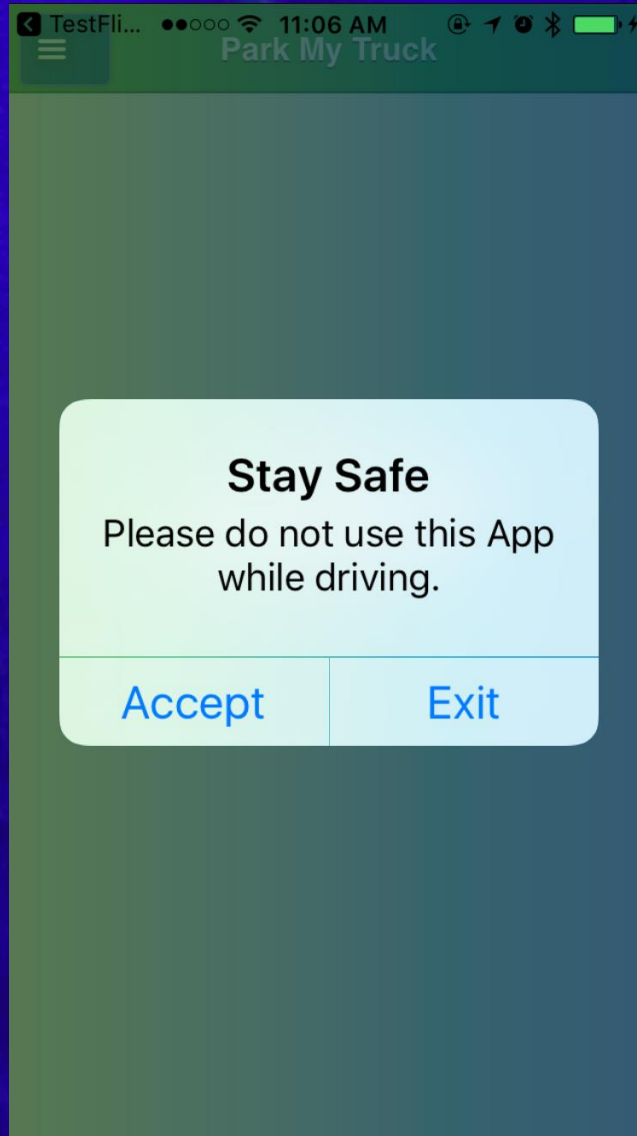


TRUCKING AND TRAVEL PLAZA INDUSTRY LEADERS LAUNCH 'PARK MY TRUCK'

- Free Mobile App
 - ◆ ATRI, NATSO, ATA
- Developed with the Truckstop Industry
 - ◆ 5,000 U.S. Truckstops
 - ◆ 150,000 Truck Parking Spaces



Park My Truck



Park My Truck


AT&T 1:52 PM 86% Park My Truck	
Within 50 miles	
H&J BP Gambrills, MD H&J BP Total Spaces: 15	Dist: 26.52 mi Open Spaces: N/A
TA Baltimore South Jessup, MD I-95, Exit 41 A (Rt. 175) Total Spaces: 436	Dist: 28.25 mi Open Spaces: 40
New Transit Truck Stop Millersville, MD New Transit Truck Stop Total Spaces: 60	Dist: 30.22 mi Open Spaces: N/A
One Stop Travel Plaza Newburg, MD One Stop Travel Plaza Total Spaces: 150	Dist: 31.39 mi Open Spaces:


Park My Truck


TestFI... LTE 11:07 AM

Park My Truck

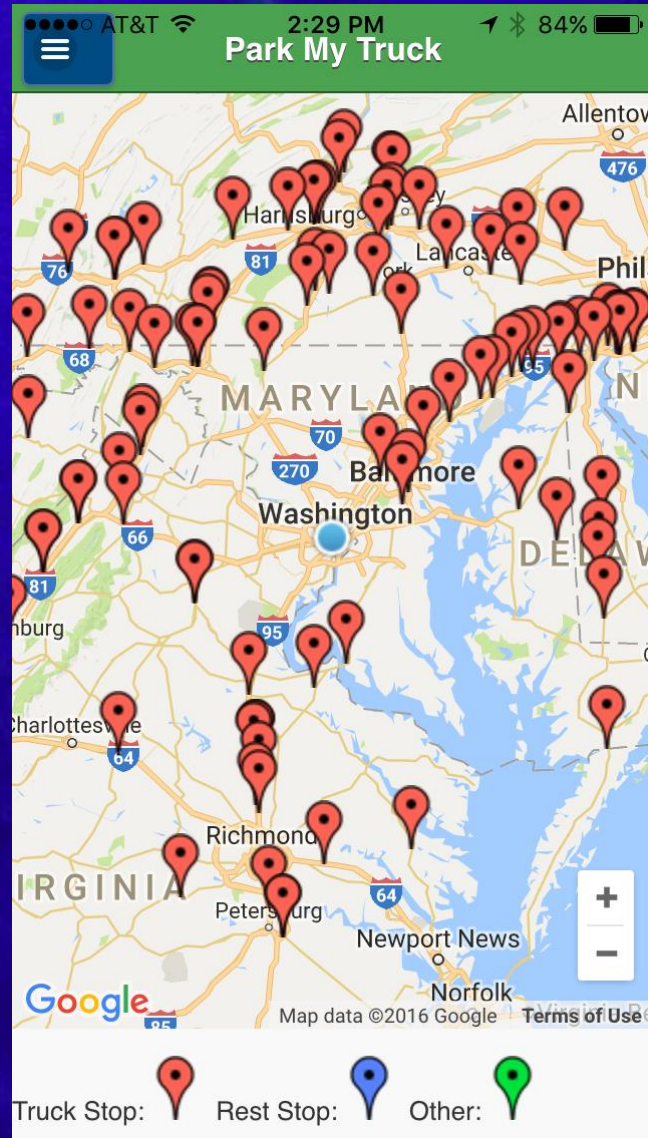
Facility Name:	TA Baltimore South
Facility Type:	Truck Stop
Network:	TA/Petro
Facility #:	151
Description:	I-95, Exit 41 A (Rt. 175)
Street Address:	7401 Assateague Drive
City, State Zip:	Jessup, MD 20794
Phone:	855-847-7275
Hours of Service:	24/7
Distance:	28.24
Total Number of Spaces:	436
Number of Available Spaces:	73
Last Updated:	Fri Sep 09 2016 09:12:27 GMT-0400 (EDT)

Back

Navigate

Call

Park My Truck




Park My Truck

Available Parking Login

Testing Profile

← → ↻ <https://www.parkmytruck.com/availableparking/login.aspx> ☆



Available Parking Login

[Main Menu](#)
[Logout](#)

Email Address:
Password:


[Forgot Password?](#)
[Contact Us.](#)

Park My Truck

Testing Profile

https://www.parkmytruck.com/availableparking/facilityAdmin.aspx

☆ ⚙ ⋮



Facility - Edit

[Main Menu](#)
[Logout](#)

Facility ID

10002

Group:

TA/Petro

External Location ID:

199

Facility Name:

TA Troy

Description:

I-55/I-70, Exit 18 (Rt. 162)

Street Address:

819 Edwardsville Road

City:

Troy

State:

Illinois

Zip:

62294

Phone:

855-847-7275

Total Spaces:

92

Latitude:

38.73380

Longitude:

-89.90980

Hours of Service:

24/7

Deleted:

N

Highways:

Available Highways

I-10
I-12
I-15
I-20
I-24
I-25
I-270

<==
==>

Selected Highways

I-55
I-70

Cancel

Update Facility

Contact Information

Jeff Short - jshort@trucking.org

Parking App Contact:

Dan Murray - dmurray@trucking.org

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