Atlanta Regional Truck
Parking Assessment Study



TCC Meeting March 17, 2017

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Background and Needs



- » FHWA MAP-21/Jason's Law Truck Survey
- » Federal Motor Carrier Safety Administration (FMCSA)
 - Hours-of-Service (HOS)
 - Electronic Logging Devices (ELD)
- » Atlanta Regional Freight Mobility Plan Update (2016)
- » Truck Staging near warehouses/distribution centers





U.S. Department of Transportation

Federal Highway Administration

Office of Freight Management and Operations

Jason's Law Truck Parking Survey Results and Comparative Analysis

Atlanta Regional Freight Mobility Plan Update

Final Report

May 2016

Approach





Atlanta Regional Truck Parking Assessment Study

- 1
- Management & Outreach
- Study Team
- ARC Freight Advisory Task Force (FATF)
- Trucker's Industry Survey
- Stakeholder Survey
- Interviews

- Planning
 Needs, Goals
 & Objectives
 - Federal legislation, regulations and studies
 - Peer region studies
 - Atlanta area freight studies

- Existing Conditions Analysis
 - Data inventory (locations/utilization)
 - Potential areas for additional parking
 - Summary of existing supply
 - GIS Database

- Needs
 Assessment
- Demand assessment
- Interviews
- Innovative and costeffective assessment
- Summarize existing and future needs

- 5 Recommendations
- Review peer best practices
- Interviews
- Develop recommendations comprised of infrastructure and policy components



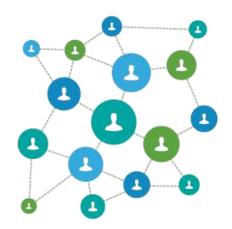
- Development Draft document & input
- Complete final report and packaging of data



1 Management & Outreach Key Stakeholders



- » ARC Committees
 - Freight Advisory Task Force
 - TAQC
 - TCC
 - LUCC
- » Truck Drivers
- » Industry Representatives
 - Trucking Associations
 - Truck Stop Operators
 - Law Enforcement Officials





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Management & Outreach Outreach Activities



- » Surveys
 - Truck Drivers
 - Other Stakeholders
 - WikiMapping[®]
- » Stakeholder Interviews
- » Meetings
 - Freight Advisory Task Force
 - ARC Committees









Planning Needs, Goals & Objectives



- » FHWA MAP-21/Jason's Law Truck Survey
- » Federal Truck Driver Rules
 - Hours-of-Service (HOS)
 - Electronic Logging Devices (ELD)
- » Atlanta Regional Freight Mobility Plan Update (2016)
- » Peer Review of Similar Studies



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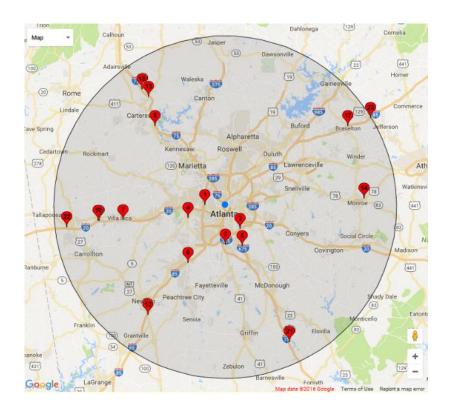


Existing Conditions Analysis



Key Items

- Data Inventory
- Parking Supply
- Additional Needs
- GIS Database









Existing Conditions Analysis



Supply Inventory



Truck Parking Tiers

- Publicly-Controlled
 - Rest Areas
 - Weigh-in-Motion Areas

- Privately-Owned Primary
 - Truck Stops
 - Commercial Transport
 Services
- 3 Unauthorized
 - Interstate Ramps
 - Vacant / Abandoned Lots
- Privately-Owned Secondary
 - Restaurants / Commercial Areas
 - Hotels/Motels
 - Shippers





Existing Conditions Analysis



Smart Phone Apps and Technologies











Truck Parking Availability Sensors





Needs Assessment



Key Items

- Supply vs. Demand
- FHWA Truck Parking Demand Model
- Summarize Existing / Future Needs







ARC

Example - GPS Data







Recommendations



Key Items







6 Final Document Development



Complete During 2017







Are there other important issues that should be assessed from a local or regional perspective?

Other Questions?

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RS&H

