



ATLANTA REGIONAL COMMISSION

# Atlanta Regional Truck Parking Assessment Study



## Recommendations

TAQC Meeting, November 9, 2017

Daniel Studdard, AICP, ARC Principal Planner



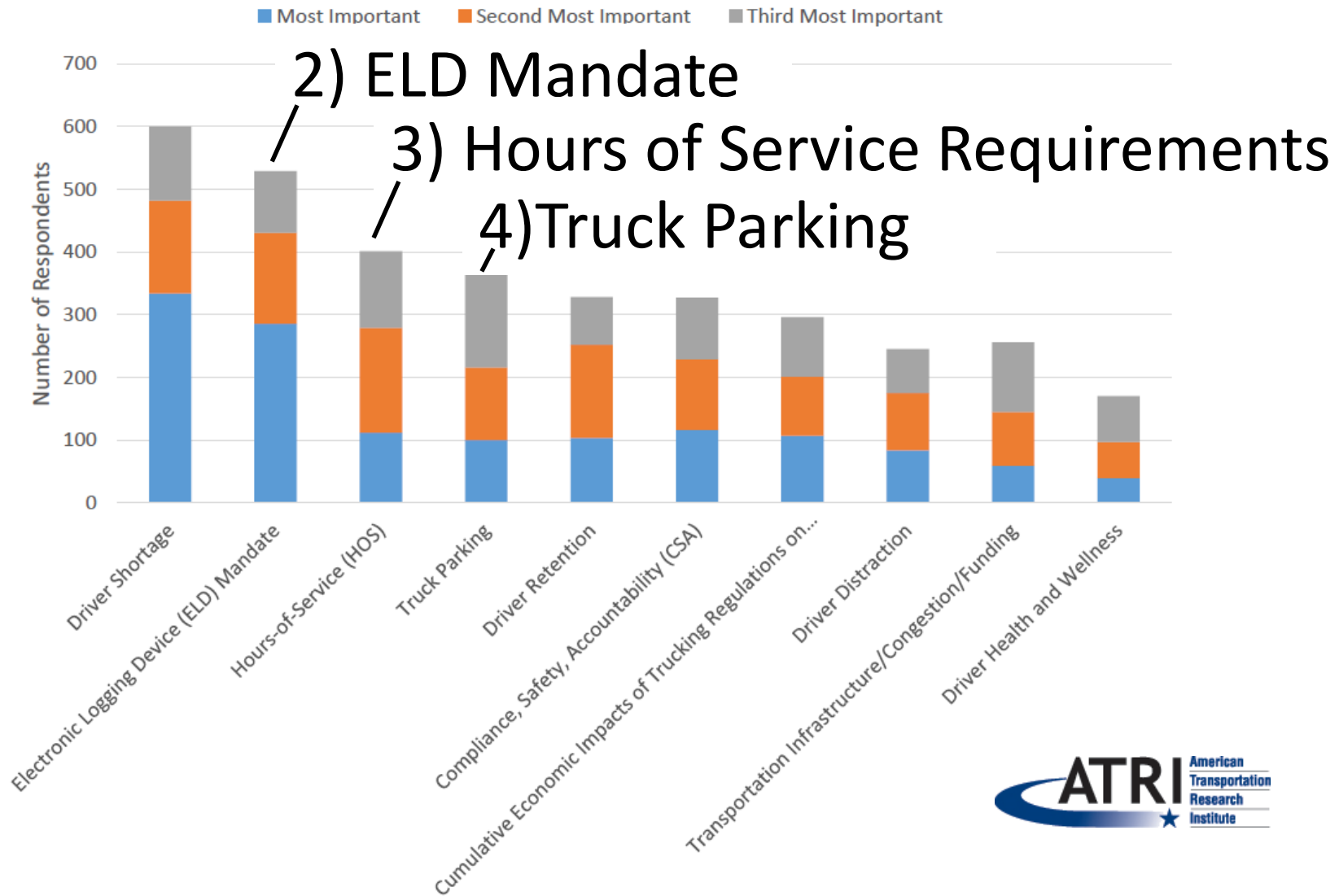
# Regulatory "Perfect Storm"

**Hours of  
Service (HOS)  
Requirements**

**Electronic  
Logging Devices  
(ELDs) Dec. 2017**



# ATRI Critical Issues in the Trucking Industry 2017



# Truck Driver Survey Results

- 277 Responses
- How long does it usually take you to find truck parking in the Atlanta region?

Length of time	Response
Less than 15 minutes	1.3%
15 – 30 minutes	6.5%
30 minutes – 1 hour	41.3%
More than 1 hour	51.0%

# Draft Strategies

1. *Add / Expand* Truck Parking **Supply**



2. *Develop* Truck Parking **Policies**



3. *Develop* Truck Parking **Partnerships**



4. *Improve Sharing* of Truck Parking **Information**



5. *Monitor/Incorporate* Future Use of **Technology**



# Strategy 1: Add/Expand Supply



## 1.1 - *Comprehensive Transportation Plans (CTPs)*

- Authorized truck parking
- Unauthorized truck parking locations

## 1.2 - *Freight Cluster Plans*

- Inventory authorized & unauthorized parking
- Identify potential solutions
  - Addition of new spaces
  - Allowing parking at existing industrial facilities
  - Improved technology or other strategies

# Strategy 1: Add/Expand Supply



## 1.3 - *Local Government / Community Improvement District (CID) Solutions*

- New truck stops
- Expand existing truck stops
- Shippers / receiver agreements
- Vacant industrial spaces / brownfield sites
- Existing / closed rest areas
- Park-and-ride lots (PM only)
- Shopping centers

# Example: Pilot Parking Program



- *Drivers Requirements:*
  - Wear safety vests at all times
  - Carry a flashlight at night
  - Follow safety rules
  - De-couple tractor from trailer
  - May not move tractor
  - Preferential treatment for no-idle cabs

truck news.com

News

## Kriska partners with Unilever to create safe haven parking program

December 15, 2015

How one shipper took a challenging run and made it a driver favourite

PRESCOTT, Ont. — A successful pilot project that allows Kriska Transportation Group drivers to park overnight at a major customer's facility is proving that collaboration between shippers and carriers can be more than just a buzzword.



# Strategy 2: Policy Development



## 2.1 – *Share Warehouse/Distribution Costs/Benefits*

- Require/incentivize shippers and receivers to provide parking
- Promote new truck parking
  - Industrial areas / freight clusters
  - CIDs

## 2.2 – *Review Development of Regional Impact (DRI) Requirements*

- Truck stops
- Warehouse / distribution centers

# Strategy 2: Policy Development



## 2.3 – *Promote Local Government Actions*

- Review zoning codes
- Address any truck parking deficits, as needed

## 2.4 - *Develop Zoning Template Language*

- Restrictions, permitted uses, design/aesthetic controls
- Examples: Buffers, plantings, lighting, electrification systems, and/or security

## 2.5 - *Incentivize Off-Peak Freight Operations*

- Allow truck drivers to get closer to shippers / receivers
- Reduce miles driven and air emissions

# Strategy 3: Partnerships



- 3.1 – *Provide ongoing updates to the Freight Advisory Task Force (FATF)*
- 3.2 - *Provide truck parking information and resources to stakeholders and planning partners*
- 3.3 - *Attend relevant meetings and participate in speaking opportunities*

# Strategy 3: Partnerships

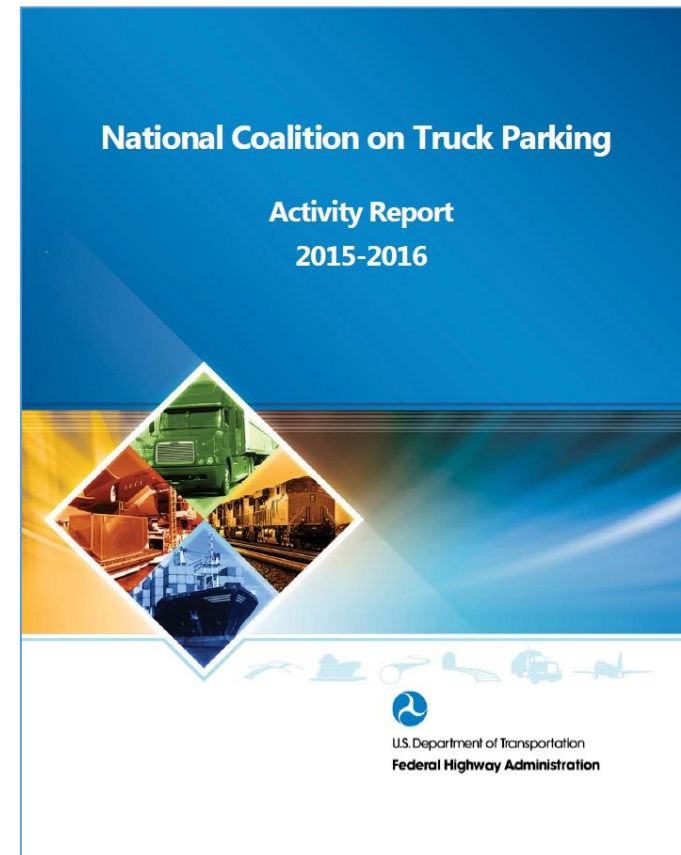


- 3.4 - *Participate in FHWA National Coalition on Truck Parking / FHWA coordination*
- 3.5 – *Continue to discuss truck parking policy priorities, initiatives, and projects*

# FHWA National Coalition on Truck Parking



- June 2017 "Activity Report"
- Four (4) Working Groups to Assess:
  - Parking Capacity
  - Technology and Data
  - Funding, Finance and Regulations
  - State, Regional and Local Government Coordination



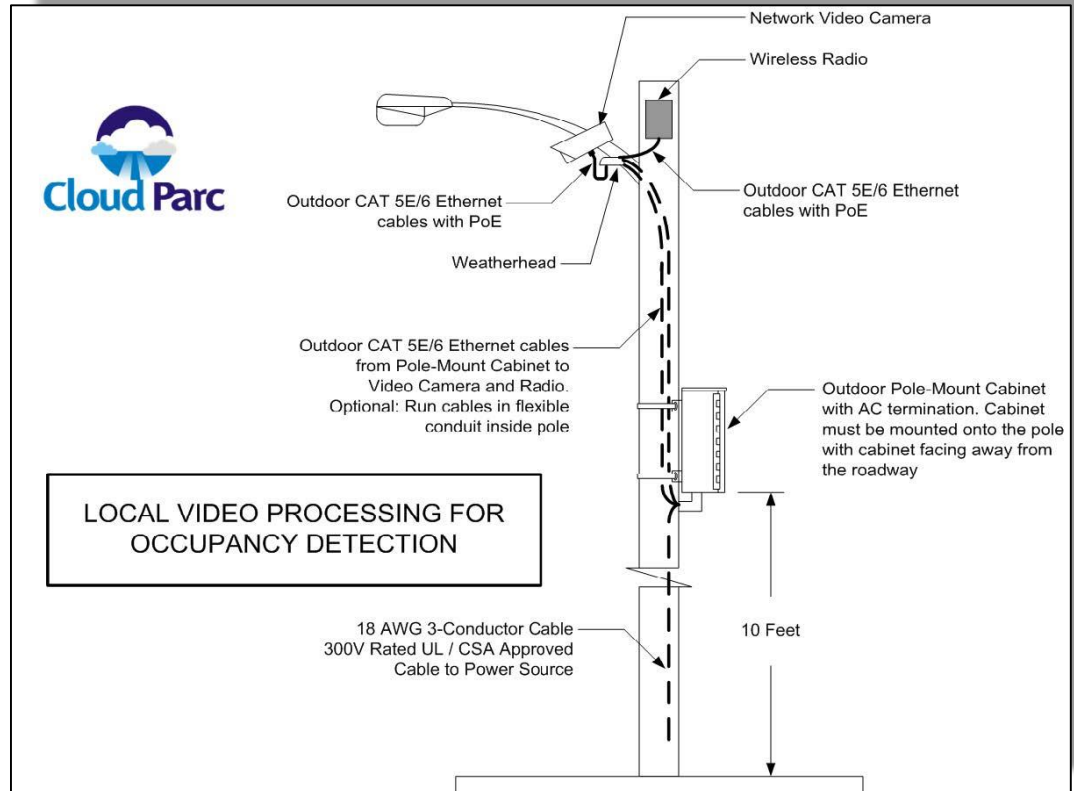
# Strategy 4: Information Sharing



- 4.1 – *Serve as regional clearinghouse for truck parking information*
- 4.2 – *Monitor opportunities to implement real-time truck parking availability systems or implement other technology solutions*

# Information Sharing

## Example: Parking Detection Devices



# Strategy 5: Monitor / Incorporate Future Technology



*5.1 – Connected /Autonomous Vehicles  
(CVs/AVs)*

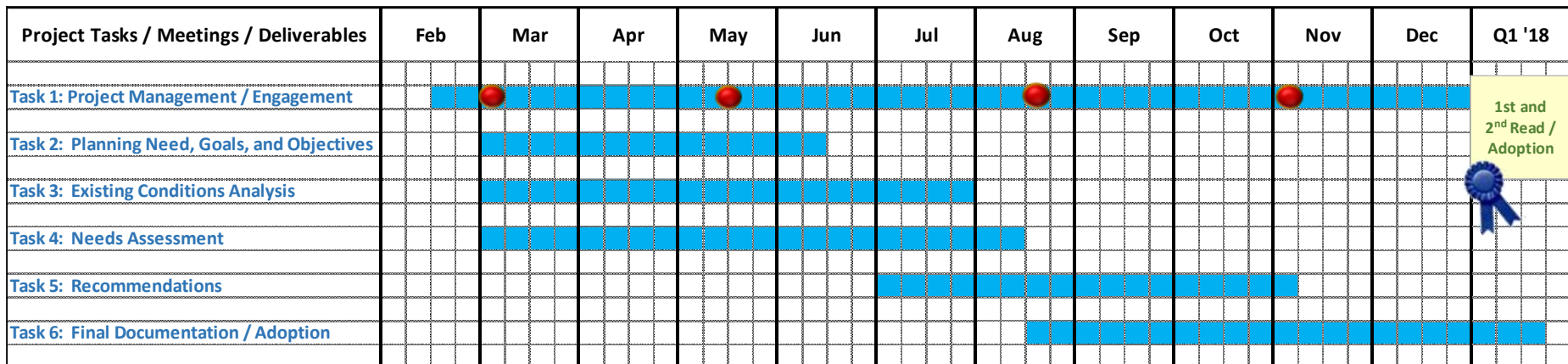
*5.2 - Internet of Things (IoT)-Logistics/Freight*

*5.3 - Advanced Supply Chain Management/  
Physical Internet*



# Next Steps

## Project Schedule Atlanta Regional Truck Parking Assessment Study (2017-2018)



 FATF Meeting

Revised: 10-31-17



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## Questions?

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