

FREIGHT PLANNING OVERVIEW COMMUNITY RESOURCES COMMITTEE

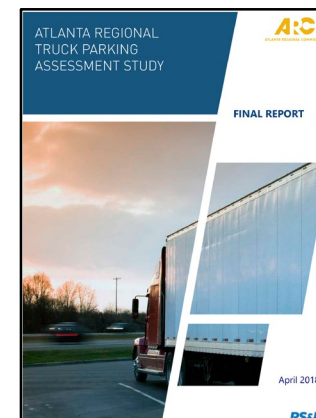
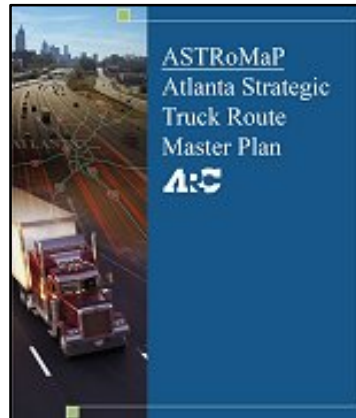
October 10, 2019

Daniel Studdard, AICP
Principal Planner
Atlanta Regional Commission



ATLANTA REGIONAL COMMISSION

Core ARC Freight Planning Work Activities



Freight Advisory Task Force Formed

Atlanta Regional Freight Mobility Plan

Truck Route Master Plan

Atlanta Regional Freight Mobility Plan Update

Truck Parking and Freight Cluster Plans

2003

2005-2008

2010

2016

2017-2021



Regional Truck Parking Study



Regulatory “Perfect Storm”



**Hours of
Service (HOS)
Requirements**



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

Property-Carrying Commercial Vehicle Drivers:

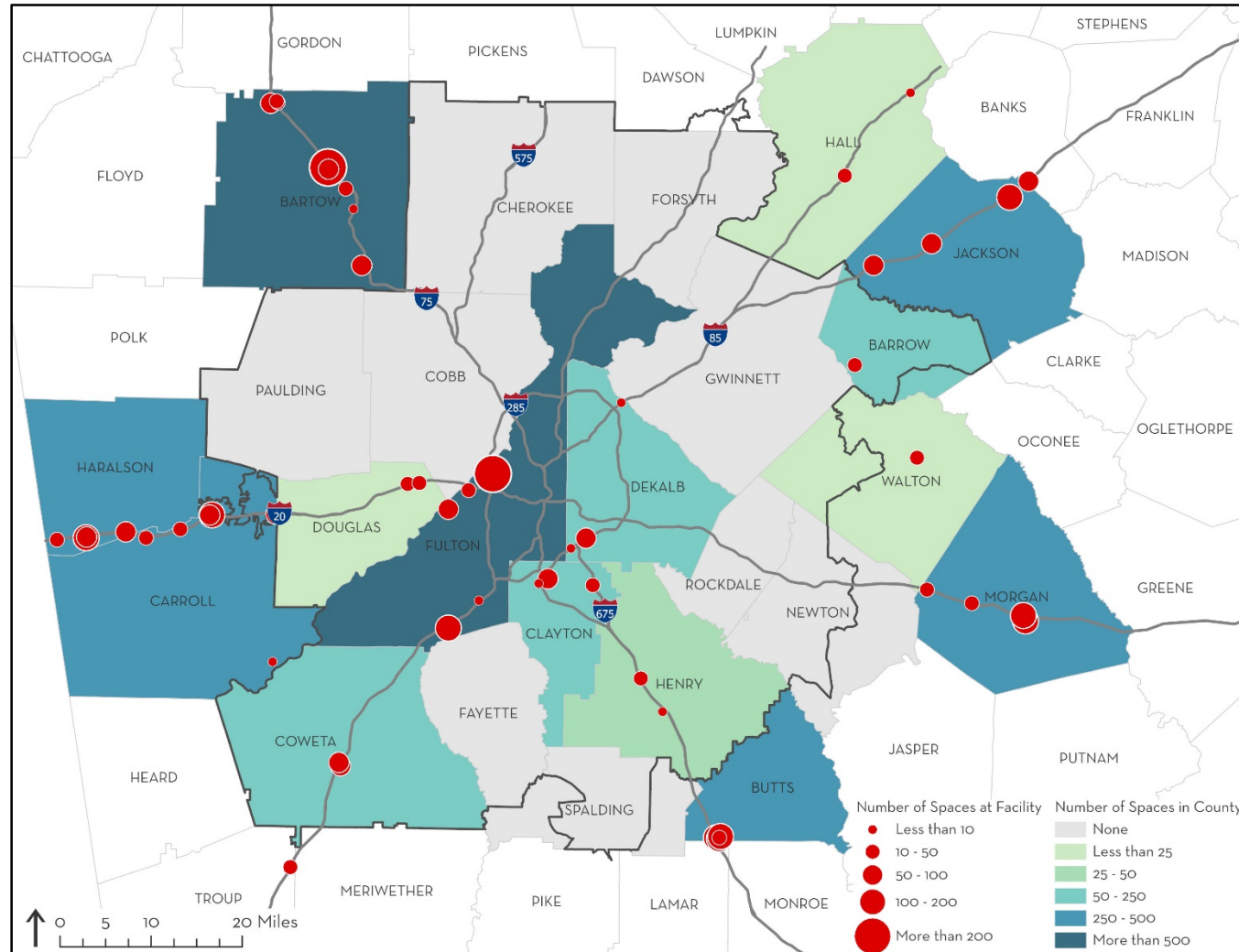
- Daily 11-hour Driving Limit: May drive a maximum of 11 hours after 10 consecutive hours off duty
- 14-Hour Limit: May not drive beyond the 14th consecutive hours after coming on duty, following 10 consecutive hours off-duty. Off-duty time does not extend the 14-hour period.

Truck Parking Inventory



Spaces Per County

County	Spaces
Fulton	698
Bartow	575
Butts	450
Carroll	360
Haralson	332
Jackson	309
Morgan	259
Coweta	165
DeKalb	114
Clayton	105
Barrow	85
Henry	40
Walton	25
Douglas	20
Hall	19
Total	3,556



Regional Truck Parking Study

Truck Driver Survey



- 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%

Expand Supply 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.

Truck Parking Study Next Steps



- Gwinnett County Truck Parking Study
- Potential zoning code changes?
- Private sector companies have shown interest in operating truck parking lots in the region
- Some county Comprehensive Transportation Plans (CTPs) analyze truck parking
- Freight cluster plans will analyze truck parking at a local level



Land Use/Growth



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National Industrial

1B SF Of New Industrial Deliveries Not Enough To Satisfy Demand

February 20, 2019 | Dees Stribling, Bisnow National

Want to get a jump-start on upcoming deals? Meet the major players at **one of our upcoming national events!**



"In recent years, the impact of e-commerce has brought about an explosion of demand in Atlanta, from 1M SF distribution facilities to smaller infill locations, to assist with local delivery. Based on current trends, we see strong demand continuing for the foreseeable future." Transwestern Director of Research (Atlanta) Keith Pierce said.

1B SF Of New Industrial Deliveries Not Enough To Satisfy Demand, Dees Stribling, Bisnow National, 2/20/19

Land Use/Growth



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Industrial Development

2018, 4th Quarter	Metro Atlanta
Inventory (SF)	617,954,832
Overall Vacancy Rate	5.20%
12-Month Absorption (SF)	18,075,179
Under Construction (SF)	15,574,803

Transwestern Real Estate Outlook, US Market, Industrial, Fourth Quarter 2018

Georgia Ports Authority



Source: Georgia Ports Authority

14,000 TEU container ship *CMA CGM Theodore Roosevelt*
Savannah River, Savannah, GA, September 1, 2017

Georgia Ports Authority

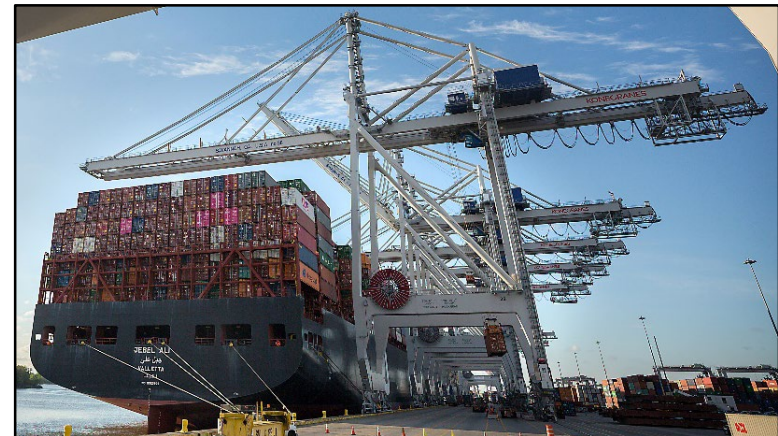


Savannah – Garden City Terminal

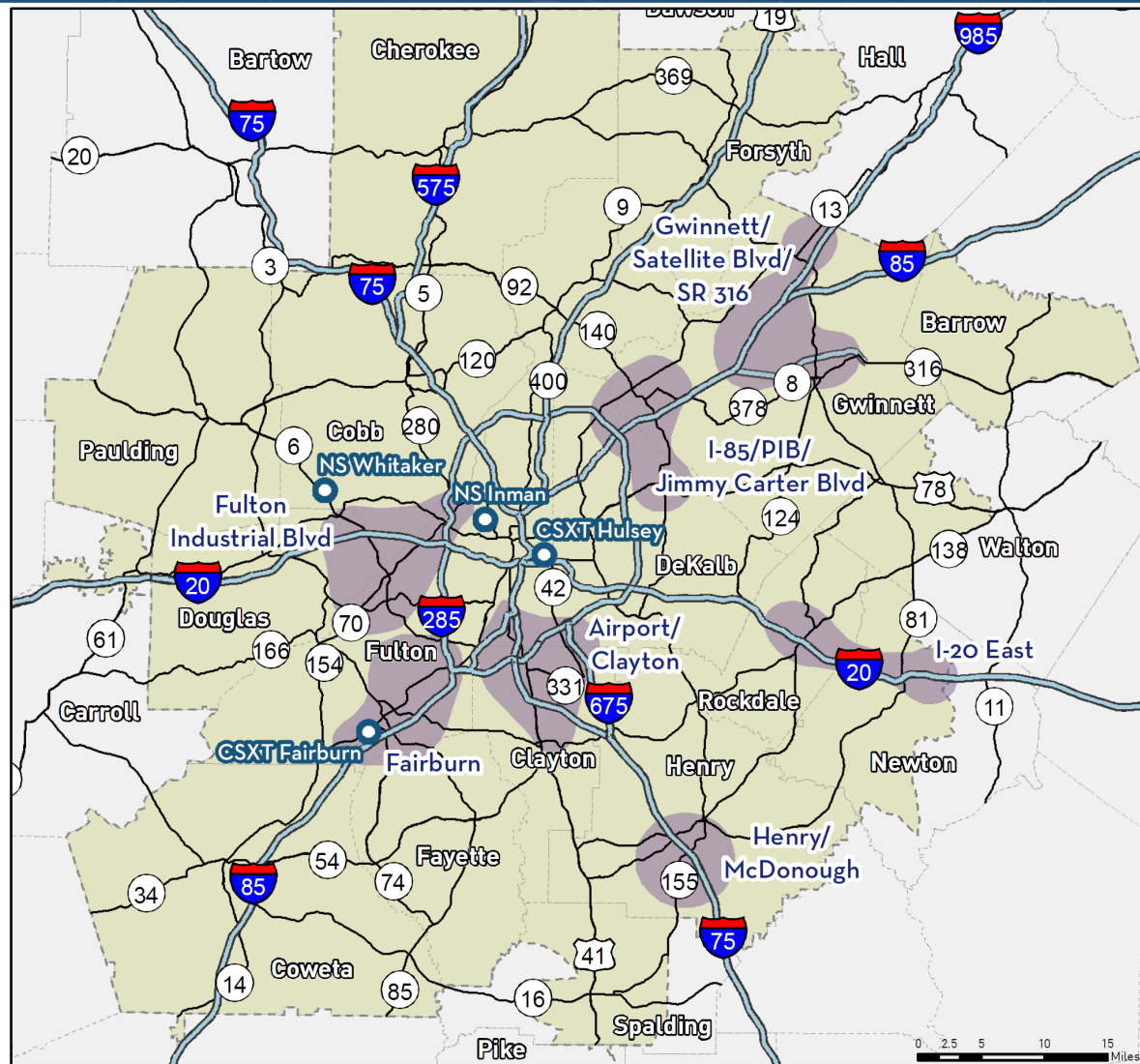
- Fourth-busiest container port in USA
- Savannah Harbor Expansion Project
 - Need to serve Neo-Panamax ships
 - Expanding low-tide depth to 47 feet
 - Outer harbor dredging completed February 2018
- Purchase of Neo-Panamax cranes
- Mason Mega Rail Terminal
 - Will double rail lift capacity to 1 million containers per year
 - Removes conflicts with nearby streets while building trains up to 10,000 ft long



Dredging of the Savannah River, February 2018, with the 13,000 TEU COSCO Glory in the background



Industrial Development – Freight Clusters



- Industrial development commonly is located near other industrial development
- Infrastructure in these “Freight Clusters” supports economic development

- Regional Freight Network
- Expressways
- MPO Boundary
- Freight Intensive Clusters
- Intermodal Yard

Freight Cluster Plans



Regional
Transportation Plan



Freight Cluster
Plan

Scope Content

- Roadways/Connectivity/Traffic
- Safety/Crash Data Review
- Access to Jobs – Bike/Ped/Transit
- Changing freight/logistics industry
- Technology Impacts
- Growth potential
- Land use conflicts
- Bridges
- Truck Parking
- Rail Activity
- Alternative fuels
- Signage
- Lighting

Land Use/Growth

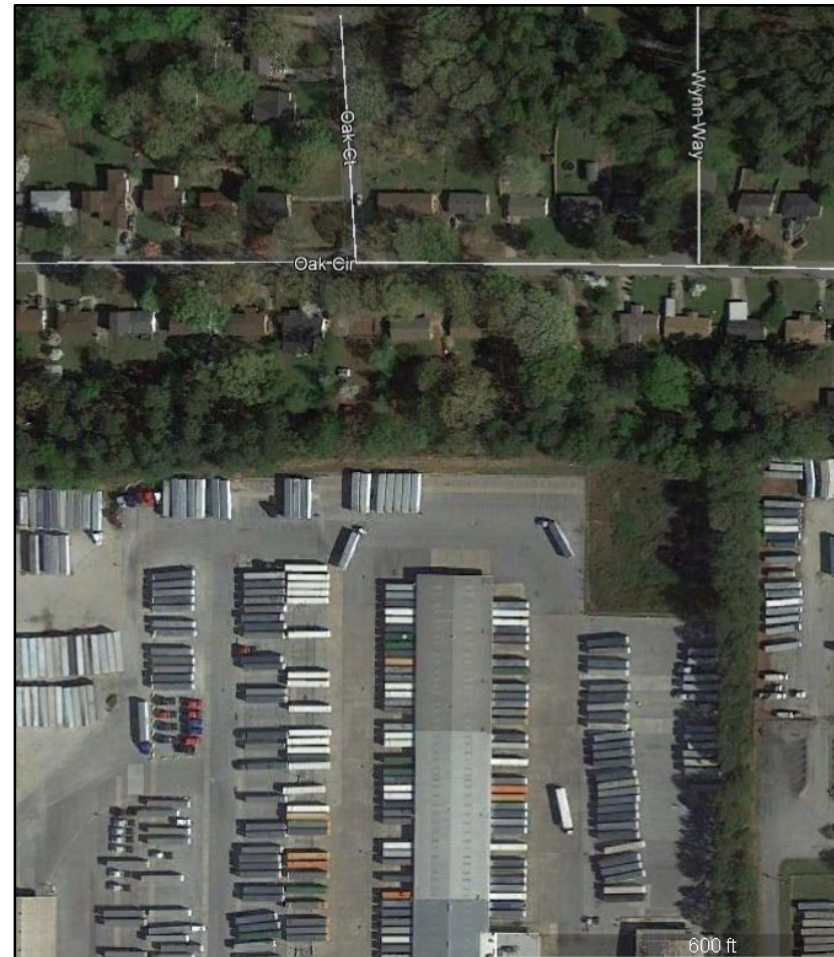


Land Use

- Existing Land Use/Zoning review
 - Residential Conflicts
 - Does Industrial/Commercial zoning allow residential uses?
 - Is Residential allowed adjacent to land zoned for Industrial?
- Growth Potential for Traffic Analysis

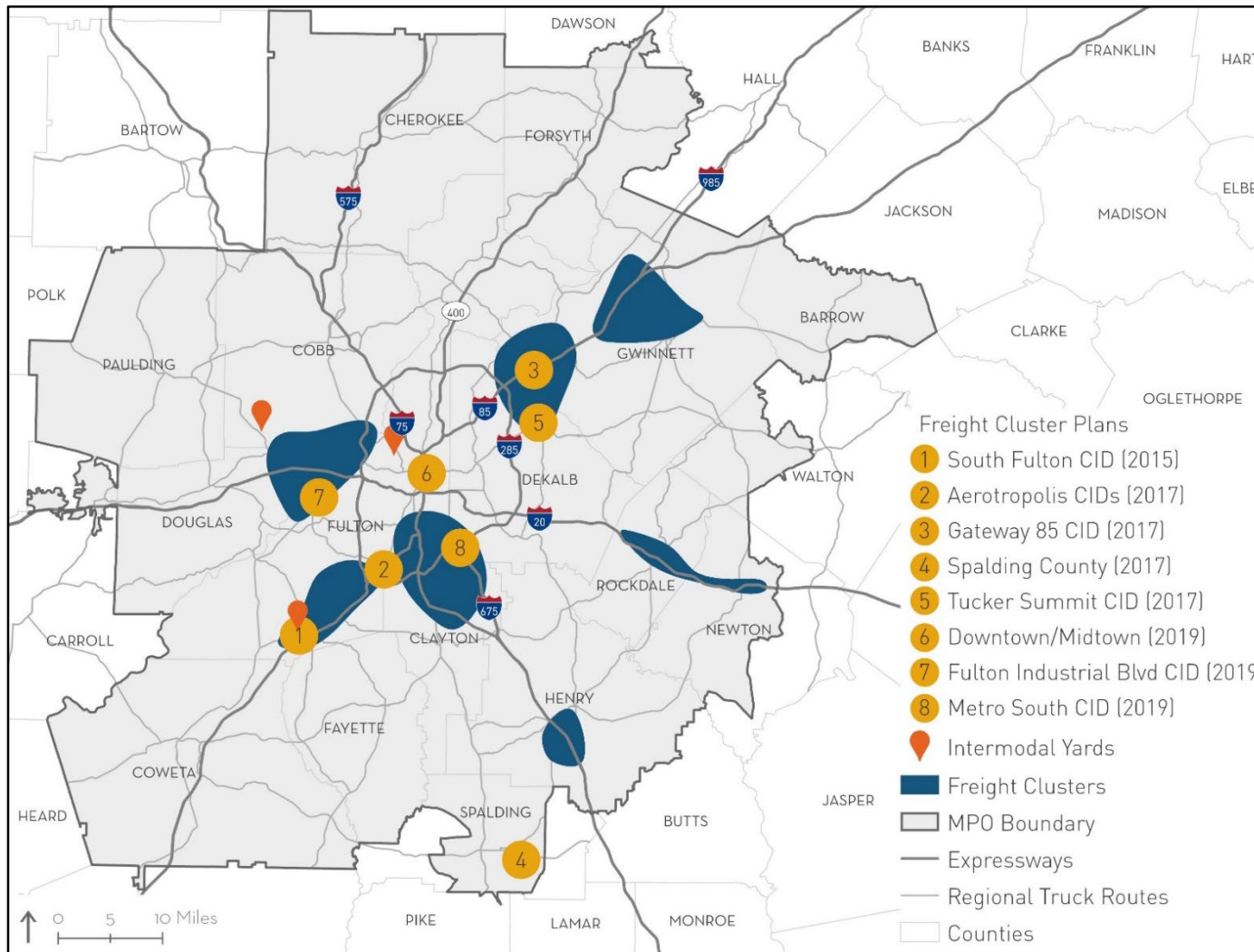
Market Analysis

- Major Employers
- Functionally Obsolete Buildings
- Optional – Full Market Study



Incompatible Land Uses

Freight Cluster Plans Underway in 2019



TIP Solicitation open through **October 11th**

- South Fulton CID Multi-Modal Plan: Completed in 2018
- Four plans kicking off in 2019
- More plans kicking off in 2020

QUESTIONS?

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