



ONE **great** REGION

# Freight Cluster Plan Applications

TCC Meeting, March 22, 2024

Daniel Studdard, AICP



# Core ARC Freight Planning Work Activities



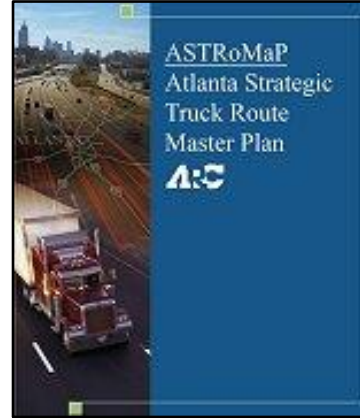
Freight Advisory  
Task Force  
Formed

2003



Atlanta Regional  
Freight Mobility  
Plan

2005-2008



Truck Route  
Master Plan

2010



Atlanta  
Regional  
Freight  
Mobility  
Plan Update

2015-2016



Truck  
Parking  
Study

2017-2018

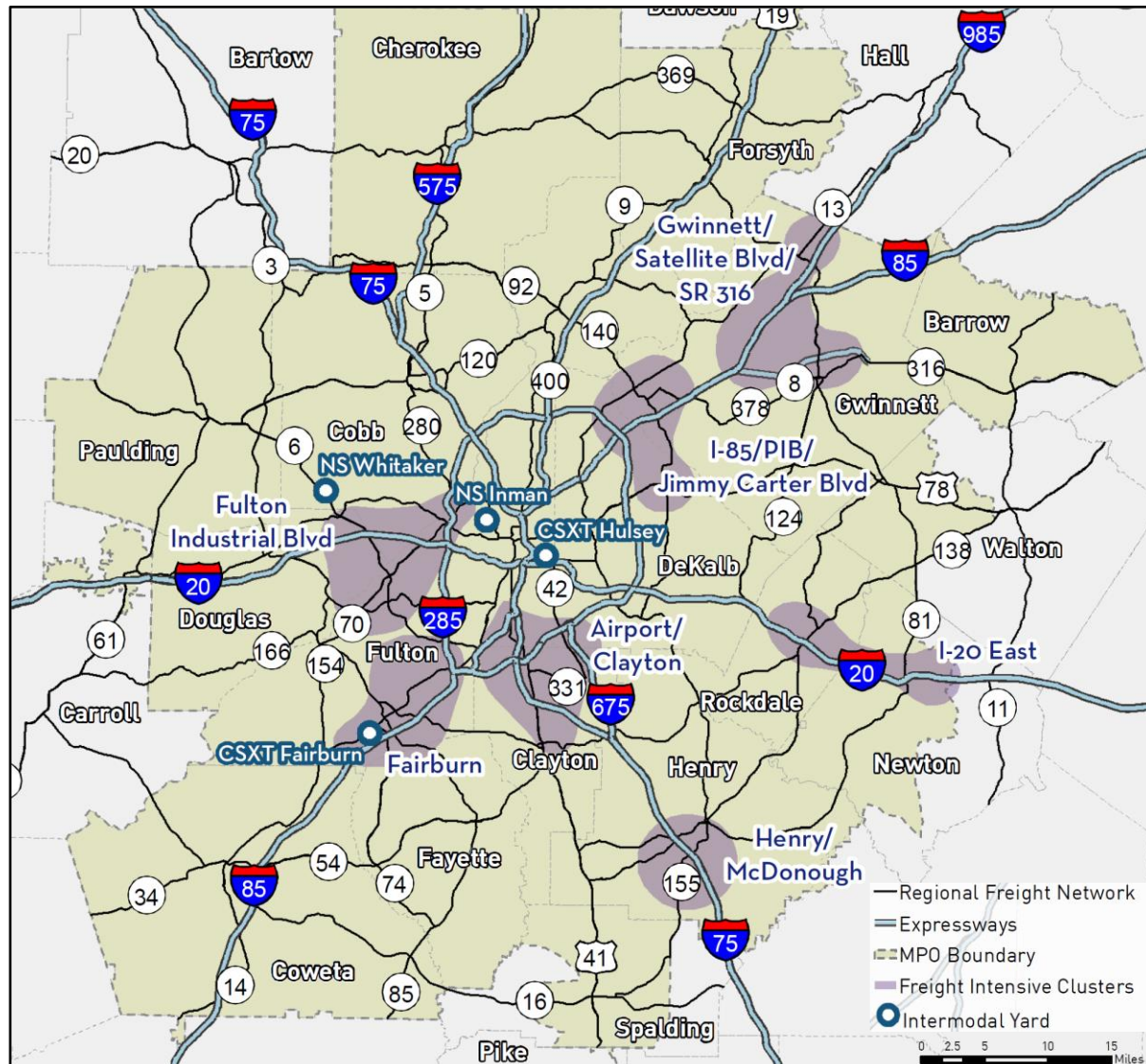


Freight  
Cluster  
Plans

2019 →



# Original 2016 Freight Clusters



- Developed as part of the *2016 Atlanta Regional Freight Mobility Plan Update*
- Most intense areas of industrial development in the region
- Infrastructure in these Freight Clusters supports jobs and economic development
- Basis for the Freight Cluster Planning Program

# Transportation Planning

Regional Transportation  
Plan (RTP)/Transportation  
Improvement Program (TIP)



Freight Cluster  
Plan

## Roadways/Connectivity

- New roadways
- Roadway extensions
- Identification of freight routes
- Trucks in residential areas
- Route conflicts/issues
- Access management
- Asphalt/Striping Condition

## Safety/Crash Data Review

- Crash hotspots
- Freight specific needs

## Signage and lighting

- Truck drivers may not be local

## Bridges

- Weight restricted bridges
- Sufficiency ratings analysis
- Low bridge conflicts

## Railroads

- Freight activity
- RR Crossings: Vehicle operations/design analysis

## Truck Parking

- Unauthorized parking locations
- Staging near industrial
- How to improve?

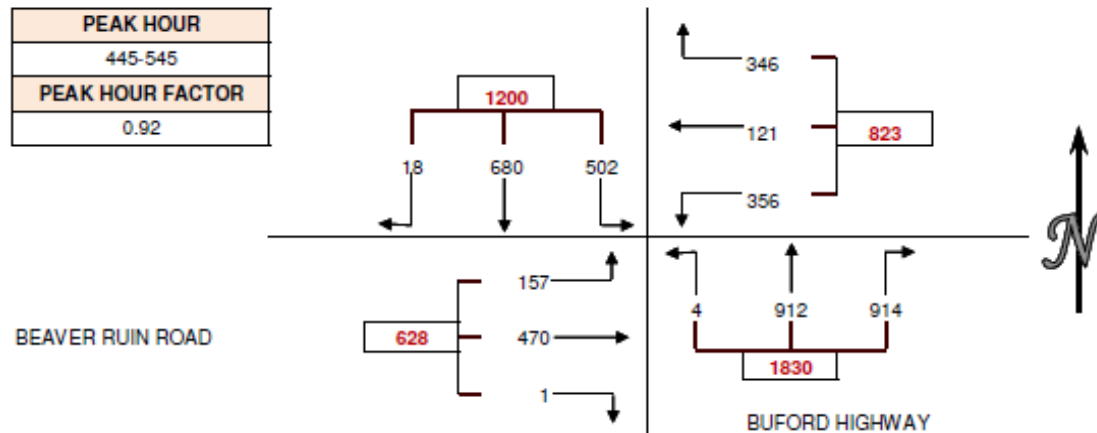
# Traffic Analysis

## Traffic Analysis

- AM and PM Peak Hour Analysis
- Off-Peak analysis if needed
- Future year analyses
- Field Review
- Geometric Design Review
- Detailed Recommendations
- Safety, Operations, Capacity, and ITS Projects

VEHICLE COUNTS													
15 MIN COUNTS	1	2	3	4	5	6	7	8	9	10	11	12	
PERIOD	SBRT	SBTH	SBLT	WBRT	WBTH	WBLT	NBRT	NBTH	NBLT	EBRT	EBTH	EBLT	TOTAL
400-415	5	167	95	71	21	94	246	172	0	1	79	21	972
415-430	14	142	115	78	21	72	242	202	0	1	84	24	995
430-445	8	129	120	84	26	83	237	207	0	0	107	27	1028
445-500	4	131	122	84	30	88	235	218	0	0	115	40	1067
500-515	4	156	121	87	31	75	216	221	3	0	110	45	1069
515-530	8	209	145	84	46	95	239	234	0	1	120	38	1219
530-545	2	184	114	91	14	98	224	239	1	0	125	34	1126
545-600	9	118	112	71	16	58	246	192	1	1	110	43	977
HOUR TOTALS	1	2	3	4	5	6	7	8	9	10	11	12	
PERIOD	SBRT	SBTH	SBLT	WBRT	WBTH	WBLT	NBRT	NBTH	NBLT	EBRT	EBTH	EBLT	TOTAL
400-500	31	569	452	317	98	337	960	799	0	2	385	112	4062
415-515	30	558	478	333	108	318	930	848	3	1	416	136	4159
430-530	24	625	508	339	133	341	927	880	3	1	452	150	4383
445-545	18	680	502	346	121	356	914	912	4	1	470	157	4481
500-600	23	667	492	333	107	326	925	886	5	2	465	160	4391

PEAK HOUR
445-545
PEAK HOUR FACTOR
0.92



# Industrial Workers

## Access to Jobs

### Transit Access

- Route location/frequency
- Roadway design for buses

### Bike/ped infrastructure

### Context sensitive design

- Bicyclist/pedestrian safety
- Maintain truck operations



## Travel Demand Management: Georgia Commute Options

### Carpool/Vanpool Ridematching

### Guaranteed Ride Home

### Employer assistance/Commuter incentives





# Outreach Options

- Freight Advisory Task Force
- Stakeholder Advisory Committee
- Stakeholder Interviews
- Truck Driver Surveys
- Technical Advisory Committee
- Online/Virtual Meetings
- Online Surveys/Mapping tools
- Public Meetings
- Open House Meetings at Industrial Facilities



# 2016 Freight Cluster Areas

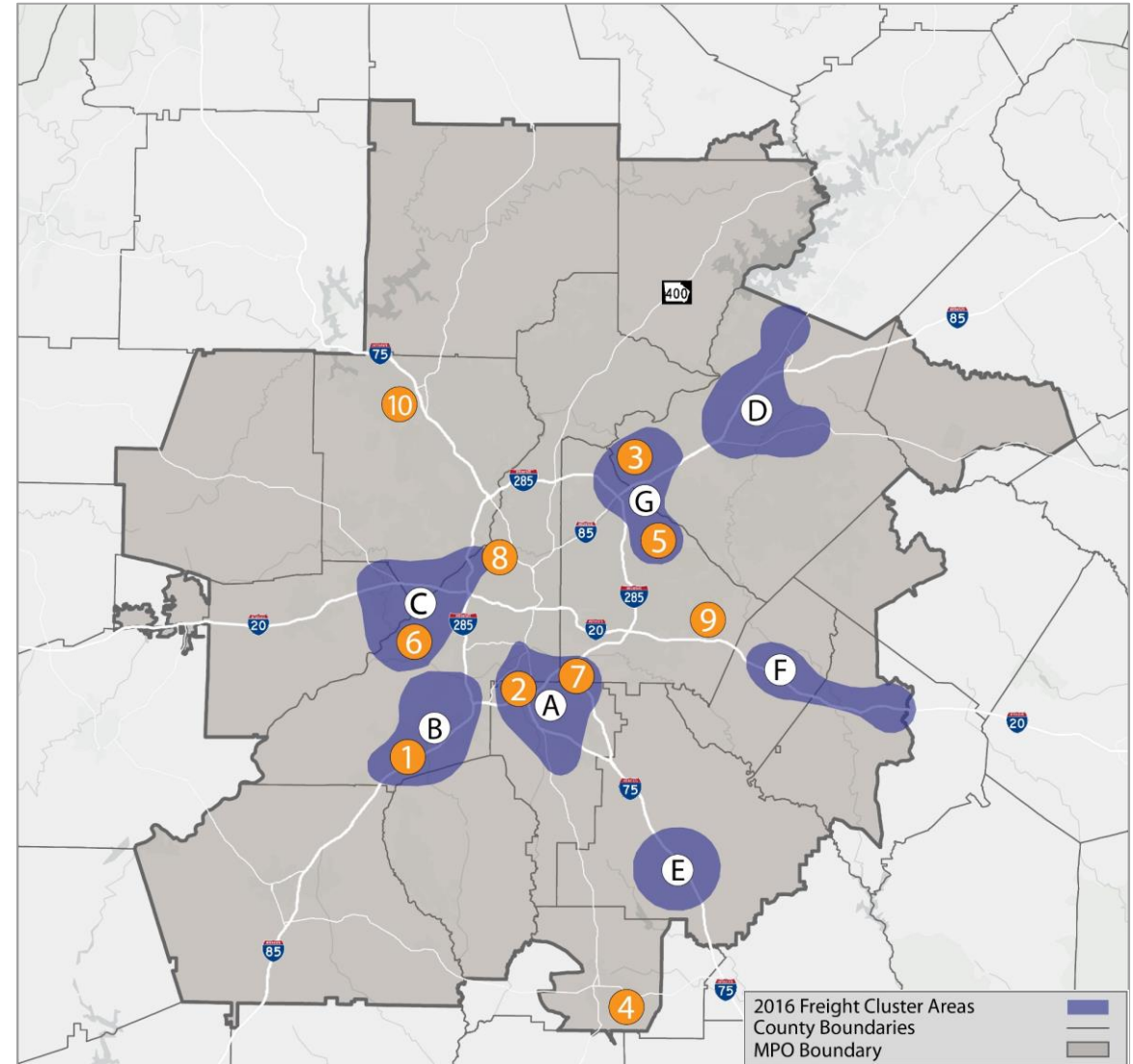
## 2016 Freight Cluster Areas

- (A) Airport/Clayton
- (B) Fairburn
- (C) Fulton Industrial Blvd
- (D) Gwinnett/Satellite Blvd/SR-316
- (E) Henry/McDonough
- (F) I-20 East
- (G) I-85/PIB/Jimmy Carter Blvd

## Freight Cluster Plans (by year completed)

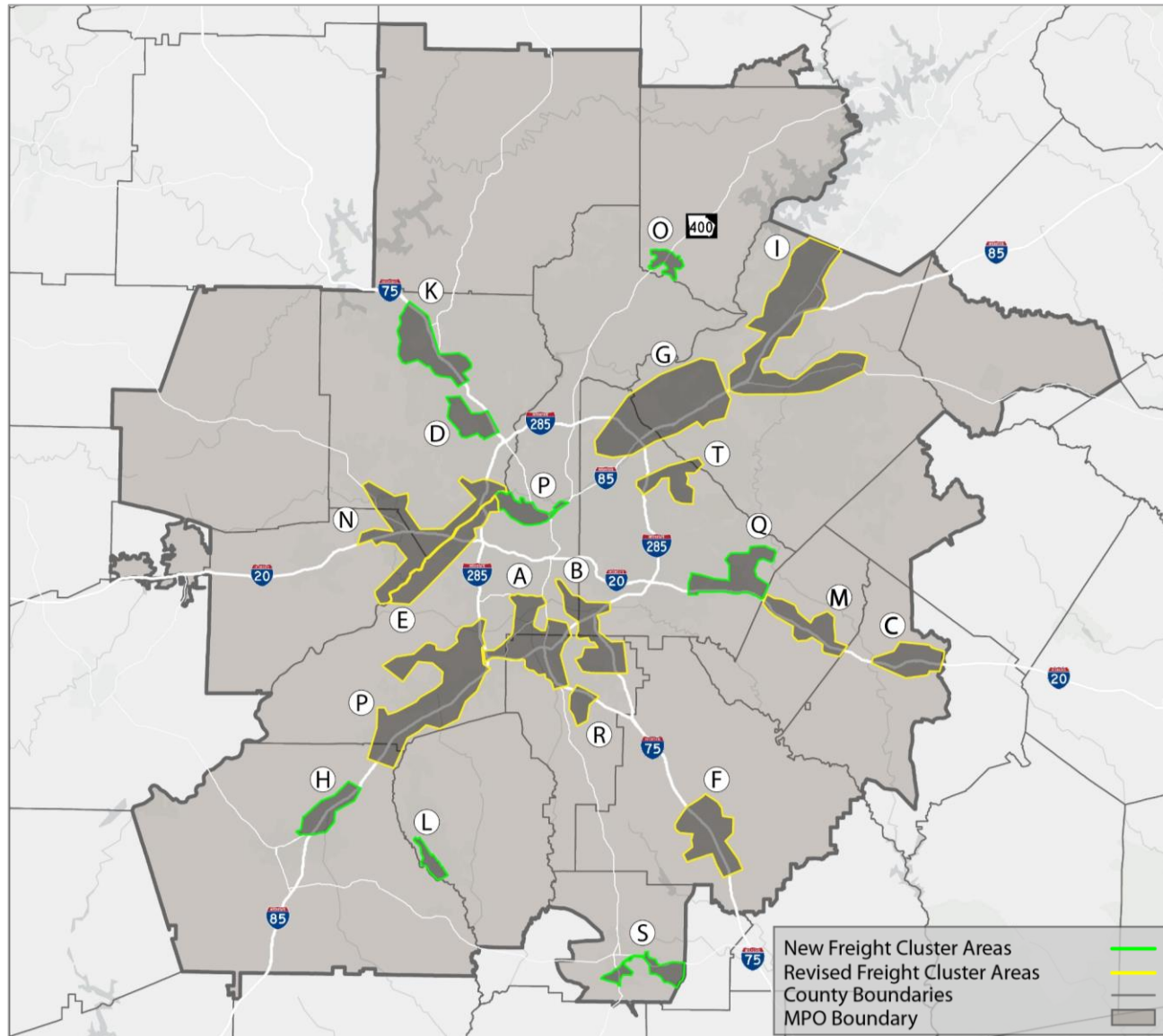
- ① South Fulton CID Multimodal Plan (2018)\*
- ② Aerotropolis CIDs (2020)
- ③ Gateway 85 CID (2020)
- ④ Spalding County (2020)
- ⑤ Tucker Summit CID (2021)
- ⑥ Fulton Industrial Blvd CID (2022)
- ⑦ Metro South CID (2022)
- ⑧ Northwest Atlanta (2023)
- ⑨ City of Stonecrest (Ongoing)
- ⑩ Town Center CID (Ongoing)

\*Applied for TIP planning funds prior to creation of the Freight Cluster Plan program





# 2024 Freight Clusters



## Freight Cluster Plan Applications

- Opens in Mid-May, AFTER the TIP solicitation closes
- Boilerplate scope that can be tailored to your study area
- \$200,000 - \$250,000 federal funding plus local match
- Contact ARC in advance if interested



# Questions?

## Freight Cluster Plan Applications

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ONE  
**great**  
REGION