

Critical Urban Freight Corridors

Process and Preliminary Results Review

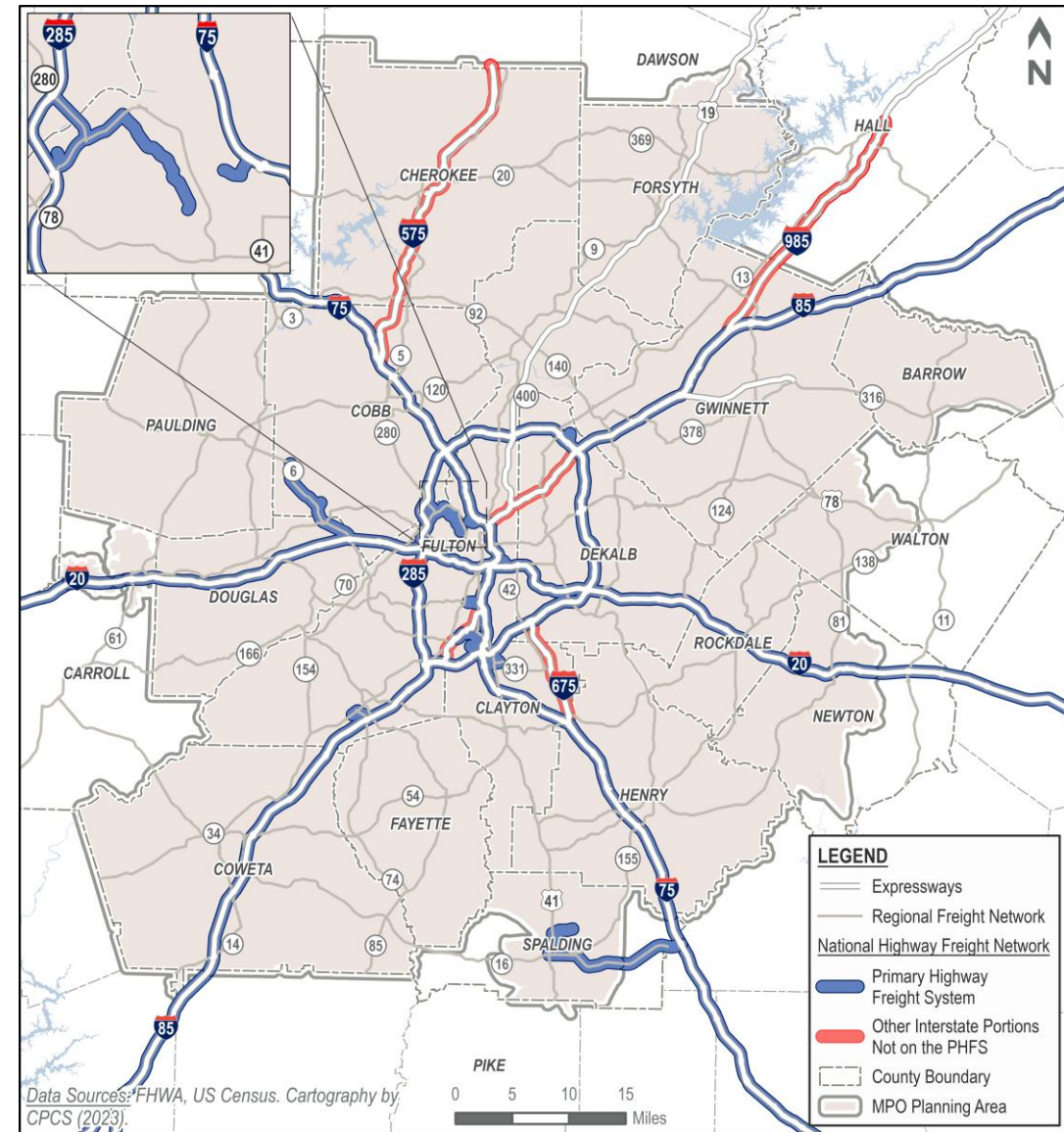
ARFMP Project Task Structure



Legislative Background

- **FAST Act** mandated the FHWA to create the National Highway Freight Network (NHFN). The **BIL** further refined the NHFN.
- The NHFN guides the allocation of funds from the **National Highway Freight Program (NHFP)** and determines project eligibility for federal **Multimodal Project Discretionary Grants (MPDG)**.
- The NHFN consists of the
 - Primary Highway Freight System (PHFS),
 - Other Interstate portions not on the PHFS,
 - Critical Rural Freight Corridors (CRFCs)*, and
 - **Critical Urban Freight Corridors (CUFCs).**

**CRFCs are not applicable to the Metro Atlanta region. The remaining discussion focuses on CUFC recommendations, only.*



Definition

Critical Urban Freight Corridors are vital public roads in urbanized areas that provide access and connection to the PHFS and other Interstates for ports, intermodal facilities, or other key freight-reliant establishments.

A CUFC must be in an urbanized area and meet ***one or more*** of the following criteria:

Connects an intermodal facility to the PHFS, the Interstate System, or an intermodal freight facility

Is located within a corridor of a route on the PHFS and provides an alternative highway option important to goods movement

Serves as a major freight generator, logistics center, or manufacturing and warehouse industrial land

Is important to the movement of freight within the region, as determined by the MPO or the State

Federal guidance on CUFC designation

- Why?

- A CUFC must be designated and certified before authorizing the use of NHFP funds on the route.

- Who?

- Designated by states and MPOs.
- In an urbanized area with a population of more than 500,000, the MPO, in consultation with the State, is responsible for designating the CUFCs.

- When?

- There is no deadline for designating the CUFCs, and initial and re-designations may occur on a rolling basis, depending on where project funding needs exist.

- How many miles?

- Georgia may allocate a maximum mileage equal to 150 miles of highway or 10% of the PHFS mileage in the state, whichever is greater.

Metro Atlanta’s Potential Share of GA’s CUFC Mileage

Methodology

- Based on the population of the MPO region over the total urbanized area population in Georgia, Metro Atlanta may designate ~105 miles of roadways as CUFCs.

	Population (2022)	Share	CUFC Mileage
ARC MPO Region	5,573,370 *	70.22%***	105.3****
All GA Urban Areas	7,936,829 **	100.00%	150*****

* Total population at the block group level adjusted by the proportion that is within the MPO boundary, by area. The population data is sourced from the 2022 ACS 5-Year Estimates (U.S. Census Bureau).

** Total population for the Urban Areas in GA. The population is sourced from the 2022 ACS 5-Year Estimates. For Urban Areas that span multiple states, the share of the population of the GA side is derived from the profile for each Urban Area using 2020 Decennial Census data.

*** This is calculated by dividing the total population of GA Urban Areas by the population within the Atlanta region.

**** Metro Atlanta’s potential share of the CUFC mileage is based on its population share.

***** Total CUFC mileage allowable for the state of Georgia. Data source: 2023 Georgia Freight Plan

Projects Screening Process

Comprehensive

- 2016 Atlanta Regional Freight Mobility Plan
- Freight Cluster Plans
- Comprehensive Transportation Plans

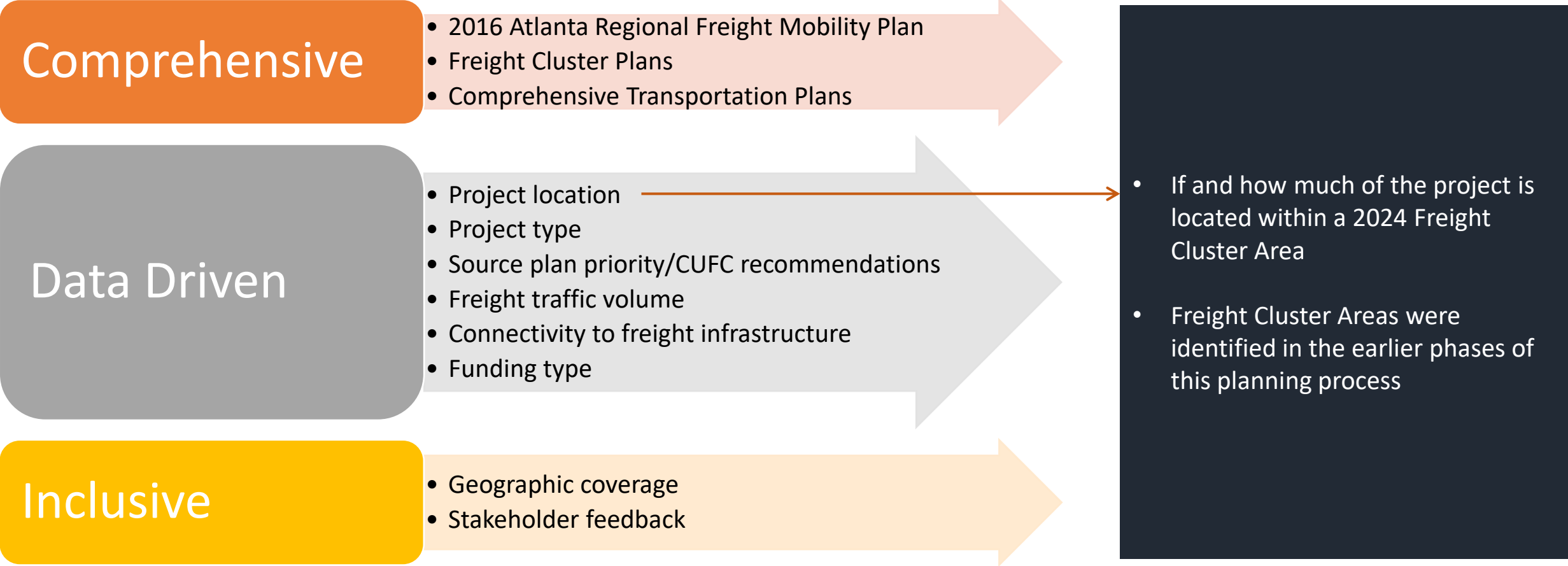
Data Driven

- Project type
- Source plan priority/CUFC recommendations
- Freight traffic volume
- Connectivity to freight infrastructure
- Funding type

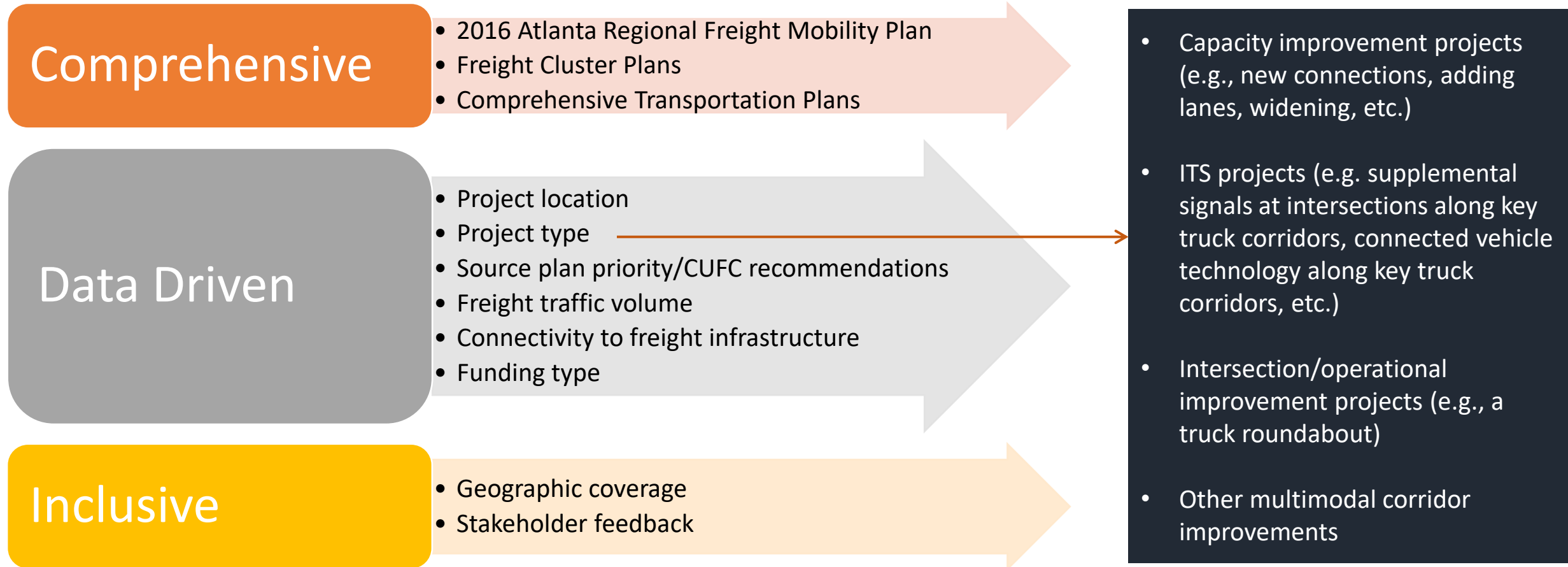
Inclusive

- Geographic coverage
- Stakeholder feedback

Projects Screening Process



Projects Screening Process



Projects Screening Process

Comprehensive

- 2016 Atlanta Regional Freight Mobility Plan
- Freight Cluster Plans
- Comprehensive Transportation Plans

Data Driven

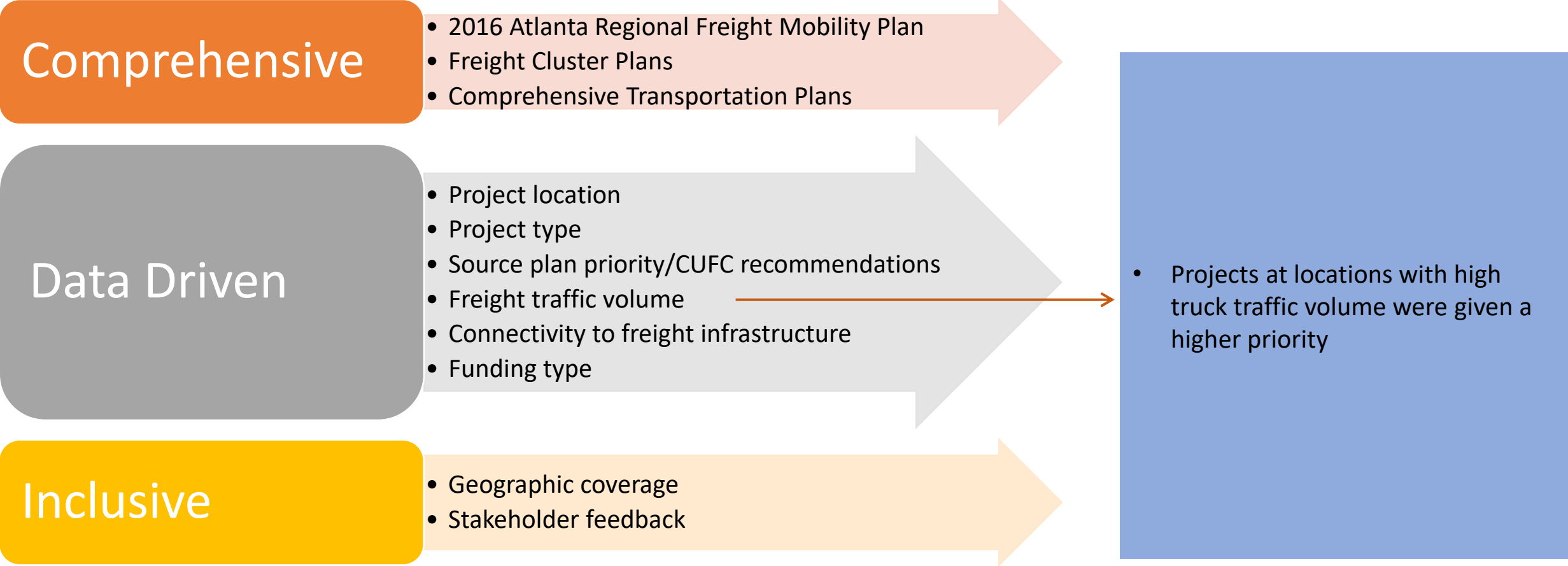
- Project location
- Project type
- Source plan priority/CUFC recommendations
- Freight traffic volume
- Connectivity to freight infrastructure
- Funding type

Inclusive

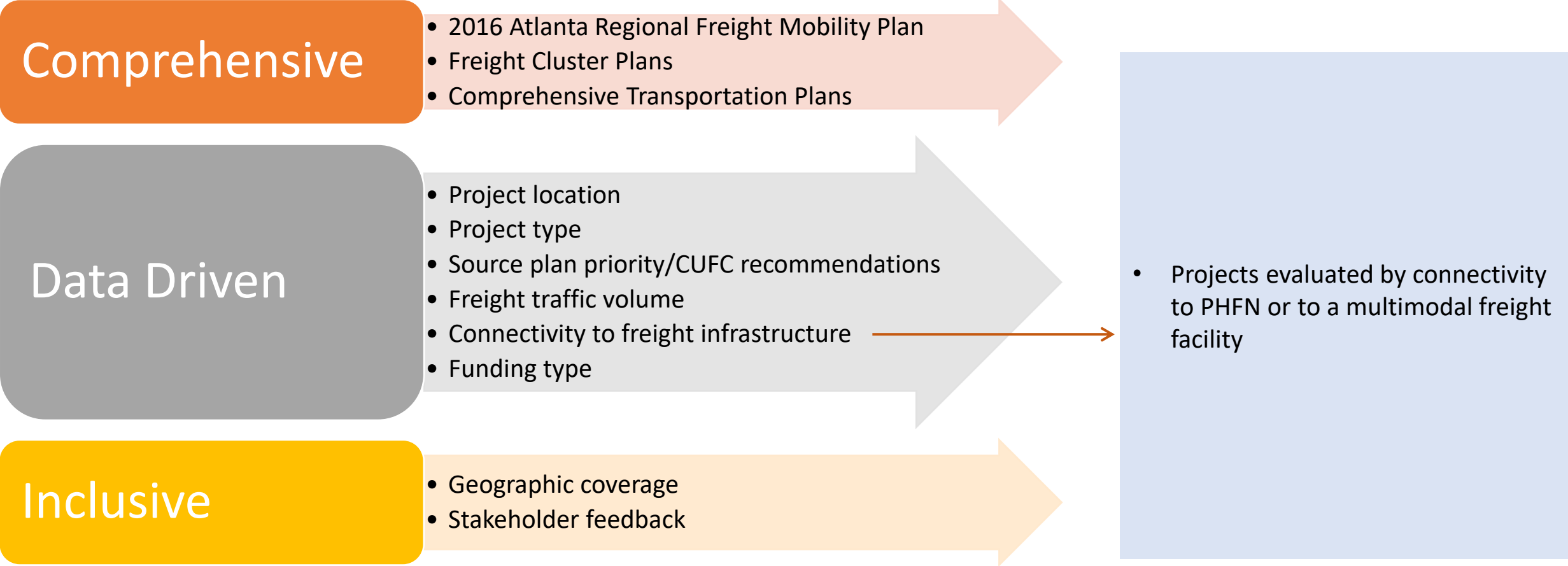
- Geographic coverage
- Stakeholder feedback

- Some Freight Cluster Plans made recommendations on CUFC designations
- How the projects were prioritized in the source plan was also considered

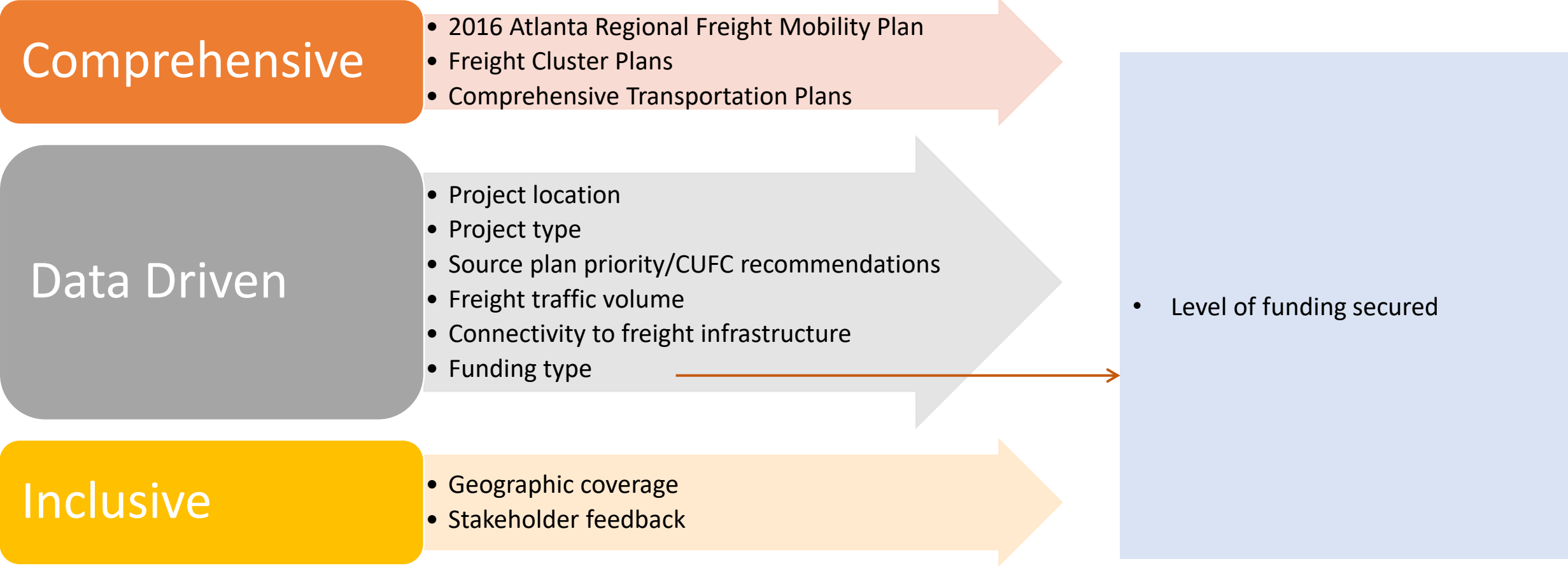
Projects Screening Process



Projects Screening Process



Projects Screening Process



Projects Screening Process

Comprehensive

- 2016 Atlanta Regional Freight Mobility Plan
- Freight Cluster Plans
- Comprehensive Transportation Plans

Data Driven

- Project location
- Project type
- Source plan priority/CUFC recommendations
- Freight traffic volume
- Connectivity to freight infrastructure
- Funding type

Inclusive

- Geographic coverage
- Stakeholder feedback

Any questions or comments on the project screening process?

Metro Atlanta's Draft Candidate CUFCs: Illustrative

Analysis results are organized in an Excel Spreadsheet file

Corridor	Section Description	Corridor ID	Source	Length (miles)	County	Share in a FCA	Project Type Description	CUFC in Source Plan Type	Source Plan Priority Type	Truck AADT Type	Connectivity Type	Funding Type
Tier I												
SR 13/US 23/Buford Hwy	I-285 to Beaver Run Rd.	GTW-2A	Gateway 85 FCP	4.9	DeKalb, Gwinnett	100%	Hard infrastructure (new connection, widening, adding lanes, capacity, etc.)	Yes	High	> 3,000	High	No
Fulton Industrial Blvd./Bolton Rd. (GA-70)	From SR 6/Camp Creek Parkway To James Aldredge Boulevard	FID-1A	Fulton Industrial District FCP and 2016 Atlanta Regional Freight Mobility Plan	2.3	Fulton	100%	Hard infrastructure (new connection, widening, adding lanes, capacity, etc.)	Yes	High	> 3,000	Low	No
SR 316 EB	From I-85 to Sugarloaf Parkway	Cap-38	2016 Atlanta Regional Freight Mobility Plan; Stakeholder Input (Survey)	2.8	Gwinnett	100%	Hard infrastructure (new connection, widening, adding lanes, capacity, etc.)	No or N/A	High	> 3,000	High	No
Bethlehem Rd and I-75	From Greenwood Road/Lester Mill Road to I-75	OTH-1A	ARC	1.9	Henry	100%	Hard infrastructure (new connection, widening, adding lanes, capacity, etc.)	No or N/A	High	< 1,000	High	No
SR 8	From Stanley Ct to SR 316	Cap-27	2016 Atlanta Regional Freight Mobility Plan; ASTRoMaP Study	3.3	Gwinnett	100%	Hard infrastructure (new connection, widening, adding lanes, capacity, etc.)	No or N/A	High	< 1,000	Medium	No
I-285 Interchange	I-285 at Bolton Road	Cap-09	2016 Atlanta Regional Freight Mobility Plan; Cargo Atlanta Study	0.1	Fulton	100%	Hard infrastructure (new connection, widening, adding lanes, capacity, etc.)	No or N/A	High	< 1,000	Medium	No
McCollum Parkway/ Old 41 Highway	Cobb Parkway to McCollum Parkway near Airport Entrance	R_801	Cobb County CTP; TCCID Master Plan (2017)	1.4	Cobb	100%	Hard infrastructure (new connection, widening, adding lanes, capacity, etc.)	No or N/A	High	< 1,000	Low	No
SR 155	Meredith Park Drive to US 23/SR 42/Macon Street	OTH-3A	ARC	3.9	Henry	100%	Hard infrastructure (new connection, widening, adding lanes, capacity, etc.)	No or N/A	Low or N/A	Between 1,000 and 3,000	High	No
Constitution Rd	Fayetteville Rd to I-285 (Fayetteville Rd to Bouldercrest Rd)	MES-6A	Metro South FCP Priority Projects	2.2	DeKalb	100%	Hard infrastructure (new connection, widening, adding lanes, capacity, etc.)	No or N/A	Low or N/A	Between 1,000 and 3,000	High	No
McLarin Road	SR 74 to its terminus at Owens Corning	SOF-3A	South Fulton CID FCP	2.5	Fulton	100%	ITS	Yes	High	Between 1,000 and 3,000	High	No
Forest Pkwy (GA 331)	Hwy 85 to Parris St	AER-5A	Aerotropolis FCP	0.3	Clayton	100%	ITS	No or N/A	High	Between 1,000 and 3,000	High	No
GA-6/Camp Creek Parkway	Between I-20 and Fulton Industrial Boulevard	FID-2A	Fulton Industrial District FCP and 2016 Atlanta Regional Freight Mobility Plan	3.9	Douglas, Fulton	98%	Intersection, operation/safety projects	Yes	High	> 3,000	High	No
Best Friend Rd	Pleasantdale Rd to Jimmy Carter Blvd	GTW-3A	Gateway 85 FCP	2.2	DeKalb, Gwinnett	100%	Intersection, operation/safety projects	Yes	High	Between 1,000 and 3,000	Medium	No
Oakley Industrial Blvd	Bohannon Rd to SR 138	SOF-1A	South Fulton CID FCP	4.6	Fulton	100%	Intersection, operation/safety projects	Yes	High	Between 1,000 and 3,000	High	No
Factory Shoals Road	Six Flags Drive to Douglas Co Line	R_704	Cobb County CTP; Old CTP (2015)	1.5	Cobb, Douglas	100%	Intersection, operation/safety projects	Yes	High	< 1,000	High	No
Mountain Industrial Blvd.	Lawrenceville Hwy. to Ponce de Leon Ave	TRS-1A	Tucker Summit FCP	3.5	DeKalb, Gwinnett	98%	Intersection, operation/safety projects	No or N/A	High	> 3,000	Low	No
Huff Road Intersection	From Trabert Road to Huff Road	Cap-05	2016 Atlanta Regional Freight Mobility Plan; Cargo Atlanta Study	1.4	Fulton	100%	Intersection, operation/safety projects	No or N/A	High	< 1,000	Medium	No
Bailey St	Moreland Ave to Fayetteville Rd	MES-2A	Metro South FCP	0.1	DeKalb	100%	Intersection, operation/safety projects	No or N/A	High	< 1,000	Low	No
Fayetteville Rd	Bailey St to Constitution Rd	MES-3A	Metro South FCP	0.1	DeKalb	100%	Intersection, operation/safety projects	No or N/A	High	< 1,000	Low	No
Button Gwinnett Drive	Buford Hwy. to Pleasantdale Rd.	GTW-5A	Gateway 85 FCP	2.2	DeKalb, Gwinnett	100%	Misc. improvements, pedestrian/multimodal upgrades	Yes	High	Between 1,000 and 3,000	High	No
Bohannon Road	Oakley Industrial Blvd to McLarin Rd	SOF-2A	South Fulton CID FCP	1.2	Fulton	100%	Misc. improvements, pedestrian/multimodal upgrades	Yes	High	< 1,000	High	No
Jones Mill Rd	Peachtree Ind. Blvd. to Buford Hwy.	GTW-4A	Gateway 85 FCP	1.1	Gwinnett	100%	Misc. improvements, pedestrian/multimodal upgrades	Yes	High	< 1,000	Low	No
Chattahoochee Ave	Collier Rd and Ellsworth Ind. Blvd.	NWA-2A	Northwest Atlanta FCP	0.8	Fulton	100%	Misc. improvements, pedestrian/multimodal upgrades	No or N/A	High	< 1,000	Medium	No
Bolton Rd	Donald Lee Hollowell Pkwy (US 278/US 78/GA 8) to Marietta Blvd	NWA-3A	Northwest Atlanta FCP	0.8	Fulton	100%	Misc. improvements, pedestrian/multimodal upgrades	No or N/A	Low or N/A	Between 1,000 and 3,000	High	No
Parrott Ave	Bolton Rd (south) and Bolton Rd (north)	NWA-5A	Northwest Atlanta FCP	0.7	Fulton	100%	Misc. improvements, pedestrian/multimodal upgrades	No or N/A	Low or N/A	< 1,000	High	No

Data Dictionary	
Basic Corridor Information	
Share in a Freight Cluster Area (FCA)	High Ranking Priority
>90%	Almost all of the project is located in a FCA
Between 60% and 90%	The majority of a project is located in a FCA
Less than 60%	The majority of a project is located outside of a FCA
Project Type Definition	High Ranking Priority
1	Hard infrastructure (new connection, widening, adding lanes, capacity increase, etc.)
2	ITS (e.g. supplemental signals at intersections along key truck corridors, connected vehicle technology along key truck corridors, etc.)
3	Intersection, operation/safety projects (e.g., a truck roundabout)
4	Multimodal corridor improvements (including misc. improvements, pedestrian/multimodal upgrades, repaving, etc.)
9	No projects
10	Aspiration projects (defined in RTP)
Recommended CUFC in Source Plan 1	Medium Ranking Priority
	Yes
	No or not applicable
Source Plan Priority Type	Medium Ranking Priority
High	Tier 1 or short-term
Low or NA	Tier 2 or medium/long term or not applicable
AADT Type	Medium Ranking Priority
High	Truck AADT $\geq 3,000$
Medium	Truck AADT $\geq 1,000$, and $< 3,000$
Low	Truck AADT $< 1,000$
New Roadway	New alignment
Connectivity Type	Low Ranking Priority
High	Closely connected to an interstate, to PHFN, to a multimodal freight facility, or to an airport (distance ≤ 0.1 mi)
Medium	Close proximity (> 0.1 and < 0.5 miles) to any of the above facilities
Low	All other corridors
Funding Type	Low Ranking Priority
Partially	Partially funded
No	Not funded or unknown

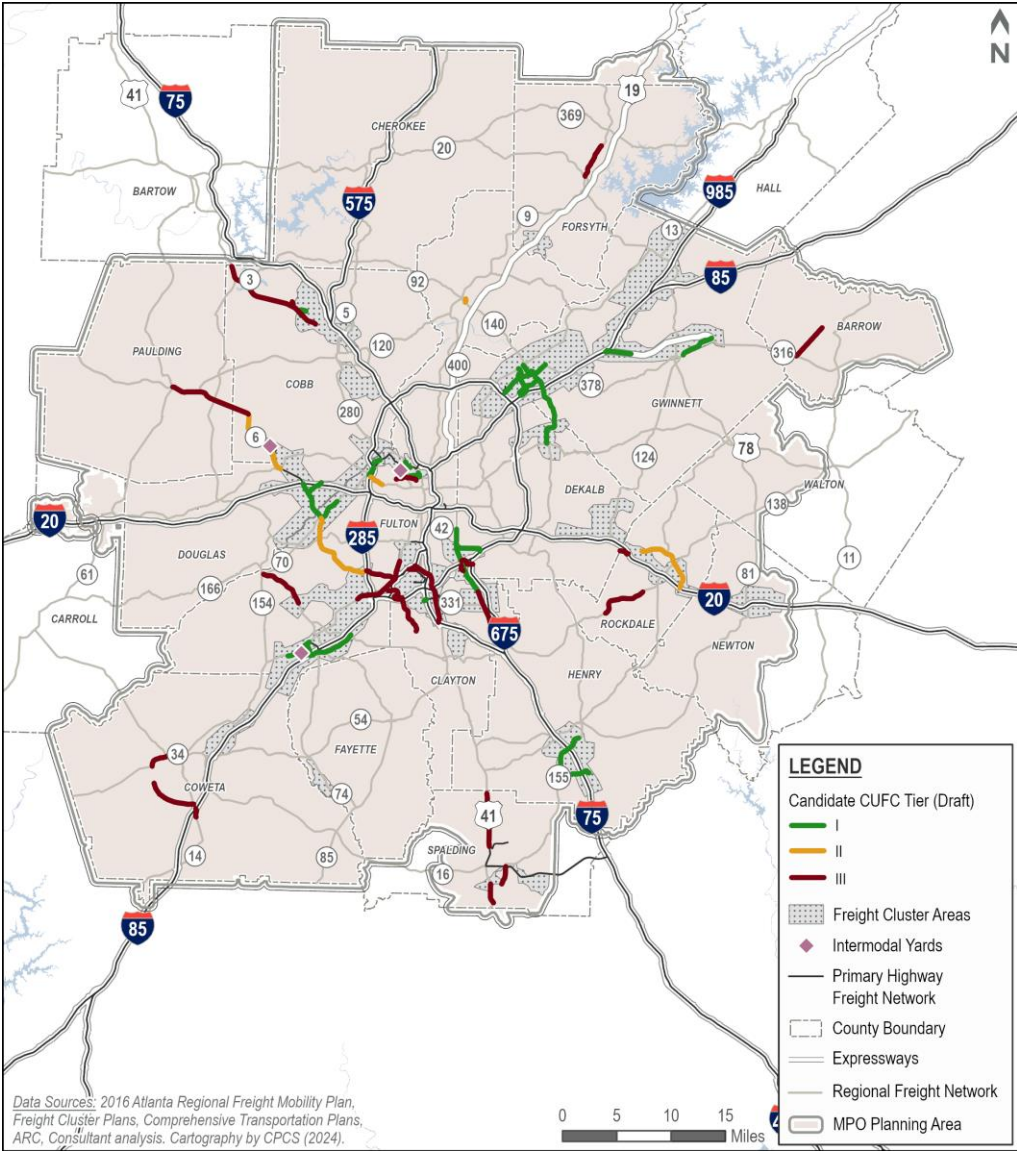
Metro Atlanta's Draft Candidate CUFCs

Preliminary results

Tier	Number of Projects	Length (Miles)
I	27	62.9
II	5	29.4
III	25	85.4
Total	57	177.7

Tier I and Tier II combined mileage: 92.3

Maximum CUFC mileage: 105.3



Metro Atlanta's Draft Candidate CUFCs

Example: SR 140/Jimmy Carter Blvd

- **Section:** Peachtree Ind. Blvd. to Lawrenceville Hwy.
- **Tier:** I
- **Project Type:** Hard infrastructure (capacity improvements); Intersection improvements
- **Source Plan:** Gateway 85 FCP
- **Length:** 6.6 miles
- **County:** Gwinnett
- **Recommended as CUFC in the source plan:** Yes
- **Truck AADT:** Medium
- **Connectivity:** High
- **Within a Freight Cluster Area:** Yes
- **Funding status:** partially funded (GW-371)

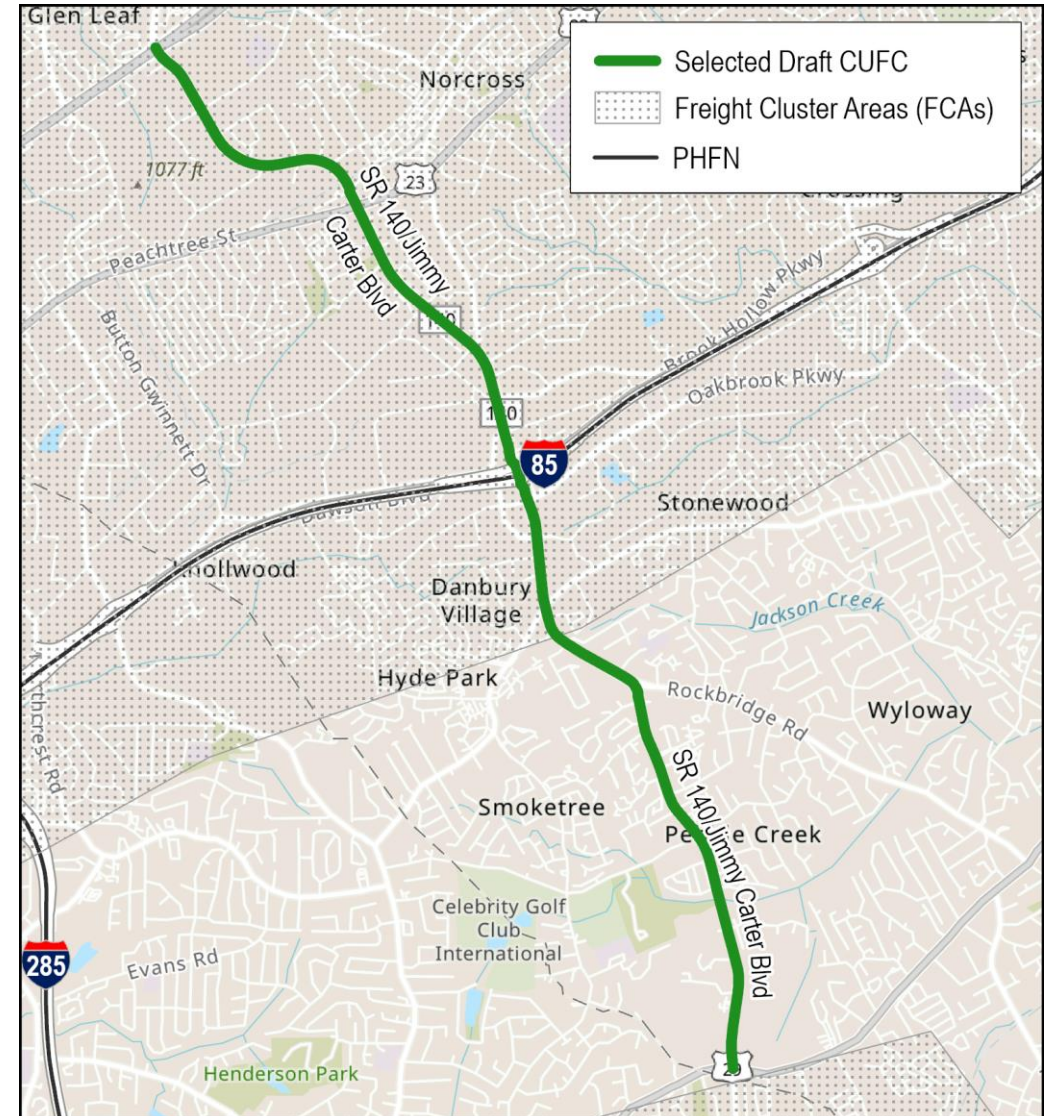
Projects:

- GWCID-6: Jimmy Carter Blvd. Bridge over I-85 expansion
- CTP-44: Jimmy Carter Boulevard/Holcomb Bridge Road Major Capacity Improvement
- GW-371: Jimmy Carter Blvd Widening from Buford Hwy to Peachtree Industrial Blvd
- GWCID-62: Jimmy Carter Blvd and Crescent Dr/Goshen Springs Rd intersection expansion
- GWCID-1 and GWCID-2: Jimmy Carter Blvd and Peachtree Ind. Blvd SB and NB intersection expansion
- GWCID-15: Jimmy Carter Blvd and Corley Rd intersection improvements
- GWCID-3: Jimmy Carter Blvd & Atlantic Blvd SB intersection improvements
- GVCID_004a: Jimmy Carter Blvd. Bridge over I-85 study
- GDT_02: Jimmy Carter Blvd and PIB intersection improvements

Metro Atlanta's Draft Candidate CUFCs

Example: SR 140/Jimmy Carter Blvd

- **Section:** Peachtree Ind. Blvd. to Lawrenceville Hwy.
- **Tier:** I
- **Project Type:** Hard infrastructure (capacity improvements); Intersection improvements
- **Source Plan:** Gateway 85 FCP
- **Length:** 6.6 miles
- **County:** Gwinnett
- **Recommended as CUFC in the source plan:** Yes
- **Truck AADT:** Medium
- **Connectivity:** High
- **Within a Freight Cluster Area:** Yes
- **Funding status:** partially funded (GW-371)



Metro Atlanta's Draft Candidate CUFCs

Example: Oakley Industrial Blvd

- **Section:** Bohannon Rd to SR 138.
- **Tier:** I
- **Project Type:** Intersection, operational/safety improvements
- **Source Plan:** South Fulton CID
- **Length:** 4.6 miles
- **County:** Fulton
- **Recommended as CUFC in the source plan:** Yes
- **Truck AADT:** Medium
- **Connectivity:** High
- **Within a Freight Cluster Area:** Yes
- **Funding status:** not funded

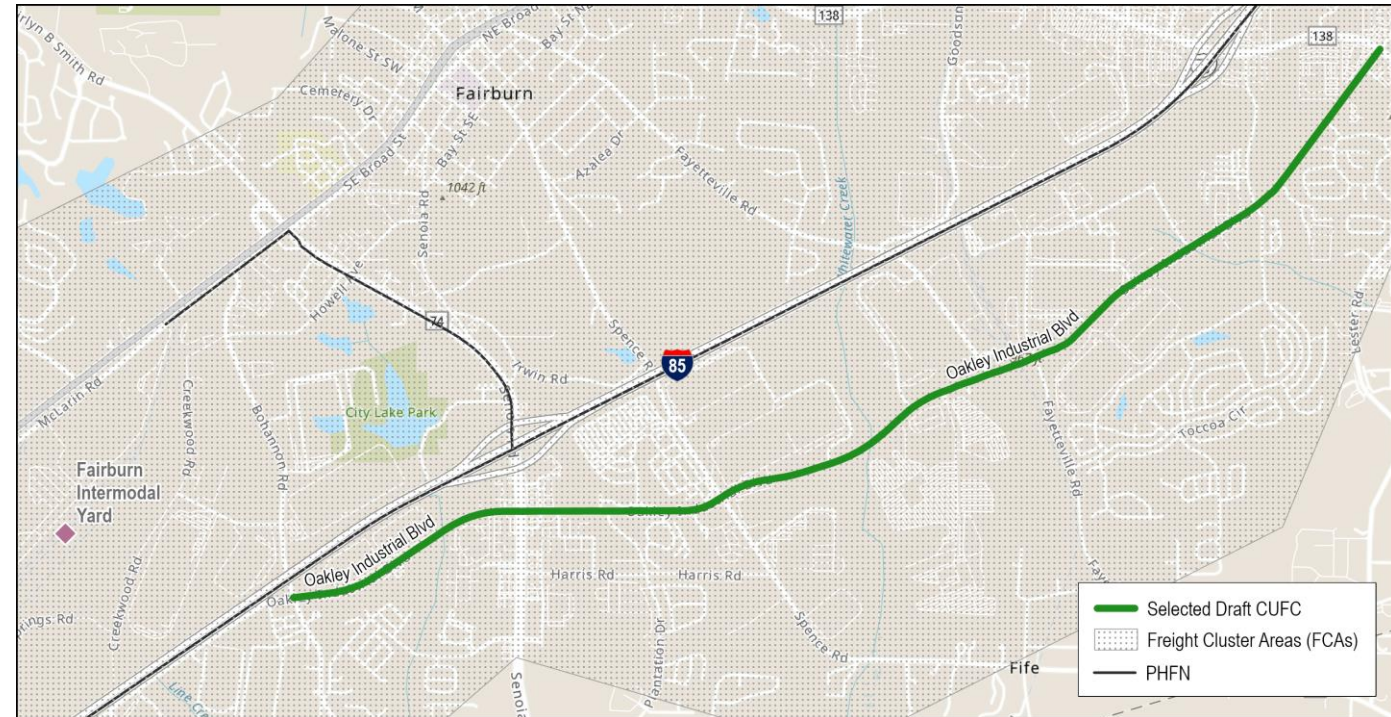
Projects:

- CID-6: Intersection Improvements/Intersection Redesign: Oakley Ind. Blvd. at SR 92 Intersection; Add protected left-turn phasing to the Oakley Ind. Boulevard approaches; repair sidewalks on the northwest corner; restripe the south-to-west left turn on the SR 92 southbound approach to prevent trucks from striking the sidewalk.
- CID-33A: Intersection Improvements/ Pedestrian: Oakley Ind. Blvd. at Plantation Rd; Add sidewalks and restripe intersection to improve the safety of vehicles utilizing the paved shoulder.
- CID-16A, CID-16B: Intersection Improvements/Intersection Redesign: Oakley Ind. Blvd. at SR 74 Intersection Phase I and Phase II; install raised medians on the Oakley Ind. Boulevard east and west approaches to remove conflicting vehicle movements between vehicles navigating the intersection and those accessing driveways
- CID-35 A, CID-35 B: Resurfacing/Repaving: Oakley Ind. Blvd. Resurfacing Phase I and II

Metro Atlanta's Draft Candidate CUFCs

Example: Oakley Industrial Blvd

- **Section:** Bohannon Rd to SR 138.
- **Tier:** I
- **Project Type:** Intersection, operational/safety improvements
- **Source Plan:** South Fulton CID
- **Length:** 4.6 miles
- **County:** Fulton
- **Recommended as CUFC in the source plan:** Yes
- **Truck AADT:** Medium
- **Connectivity:** High
- **Within a Freight Cluster Area:** Yes
- **Funding status:** not funded



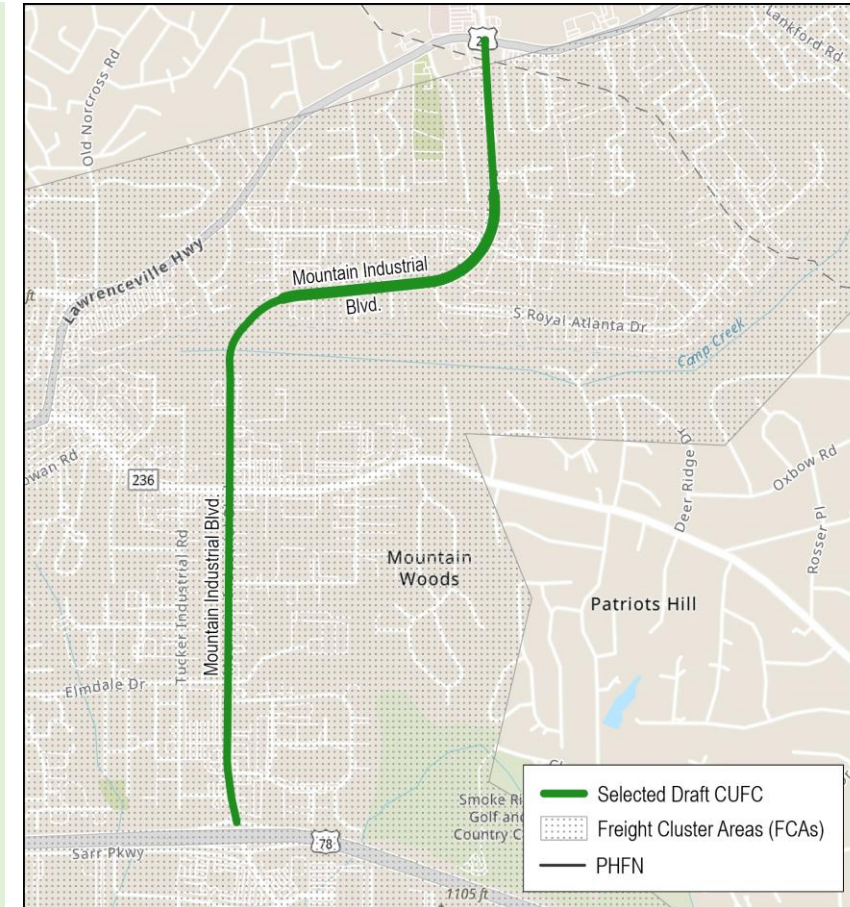
Metro Atlanta's Draft Candidate CUFCs

Example: Mountain Industrial Blvd.

- **Section:** Lawrenceville Hwy. to Ponce de Leon Ave
- **Tier:** I
- **Project type:** Intersection, operational/safety improvements
- **Source Plan:** Tucker Summit FCP
- **Length:** 3.5 miles
- **County:** DeKalb, Gwinnett
- **Recommended as CUFC in the source plan:** N/A
- **Truck AADT:** High
- **Connectivity:** Low
- **Within a Freight Cluster Area:** Yes
- **Funding status:** not funded

Projects:

- FCP-1.1 through 1.6: Freight Cluster Plan Improvements along Mountain Industrial Boulevard
- FCP-2.1 through 2.3: Mountain Industrial Boulevard at Tuckerstone Boulevard Intersection Improvements
- FCP-8, FCP-9: Conduct Preliminary Engineering for MIB and Ponce de Leon Intersection Improvements, MIB Median Improvements



Metro Atlanta's Draft Candidate CUFCs

Discussion

- Any questions or comments on the project screening and tiering process?
- What other freight projects/corridors should we consider?

Next Steps

Discussion

- Review the Draft Candidate CUFCs online:
<https://atlantaregional.org/board-committee-portal/committees/transportation-coordinating-committee/>
- Email comments to us (Sunil.Dhuri@icf.com) by **April 5th**
- Continue to review the list of corridors
- Present final results at a future TCC meeting