

REGIONAL BIKEWAY INVENTORY 2019 UPDATE & ANALYSIS



INVENTORY UPDATE PROCESS

COORDINATION & RESEARCH

- Assess and understand 2014 Bike Facility Inventory challenges
- Distribute to jurisdictions for review and gather local data
- Use jurisdiction data and 2014 data to compare against Google Maps / Streetview, Open CycleMap, ESRI Satellite Imagery, & field visits
- Simplify every facility into four categories:
 - Bike Lane
 - Separated Bike Lane (cycletrack)
 - Multi-Use Path / Sidepath
 - Shared Lane Markings (“sharrows”)



BIKEWAY TYPOLOGIES

CONSISTENT & ACCURATE DESCRIPTIONS

On-Road Bikeways: Separated & Basic Lanes



Off-Road Bikeways: Sidepaths & Greenways



BIKEWAY TYPOLOGIES

WHAT TO DO ABOUT SHARROWS?

Shared-Lane Markings??

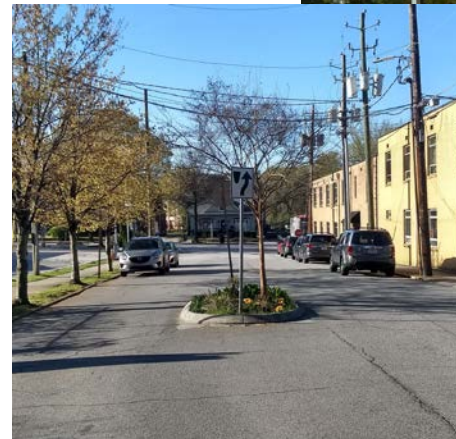


Traffic Calming, Neighborhood Greenways, & Low-Stress Streets??



Common Issues:

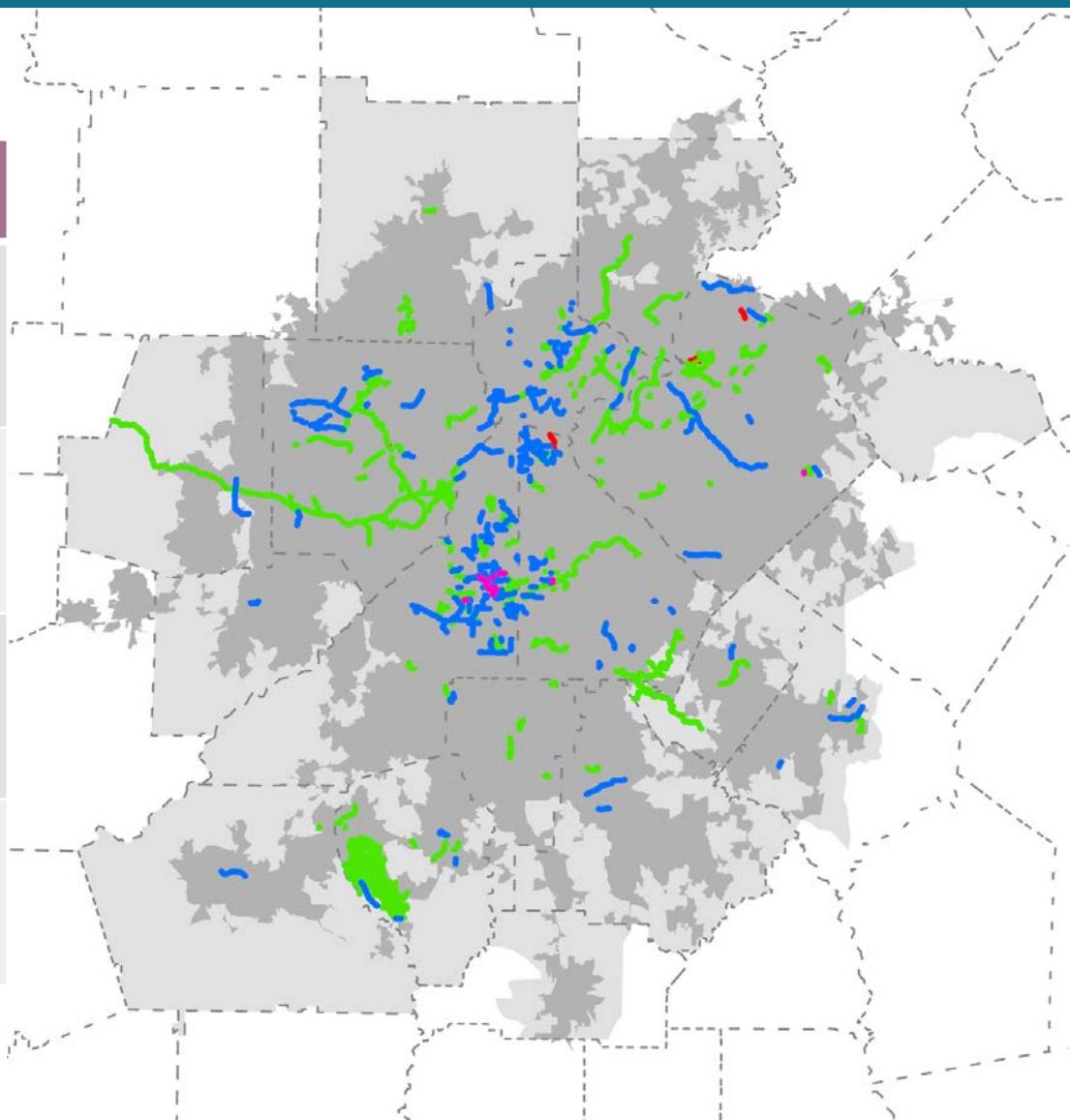
- How to record narrow (<4') shoulders?
- Include sharrows or all "low-stress" roads?
- When to include faded or un-maintained bikeways?
- Include near-term planned, funded, or under-construction facilities?



BIKEWAY DISTRIBUTION

REGIONAL DISTRIBUTION & MILEAGE BY FACILITY

Bikeways	Miles	Percent
Multi-Use Paths	407	69%
Painted Bike Lanes	177	30%
Separated Bike Lanes	4	<1%
Regional Totals	588	



BIKEWAY CONNECTIVITY

HOW DO BIKEWAY SEGMENTS CONNECT?

**Connected
Segments**

292

**Minimum
Length**

75 feet

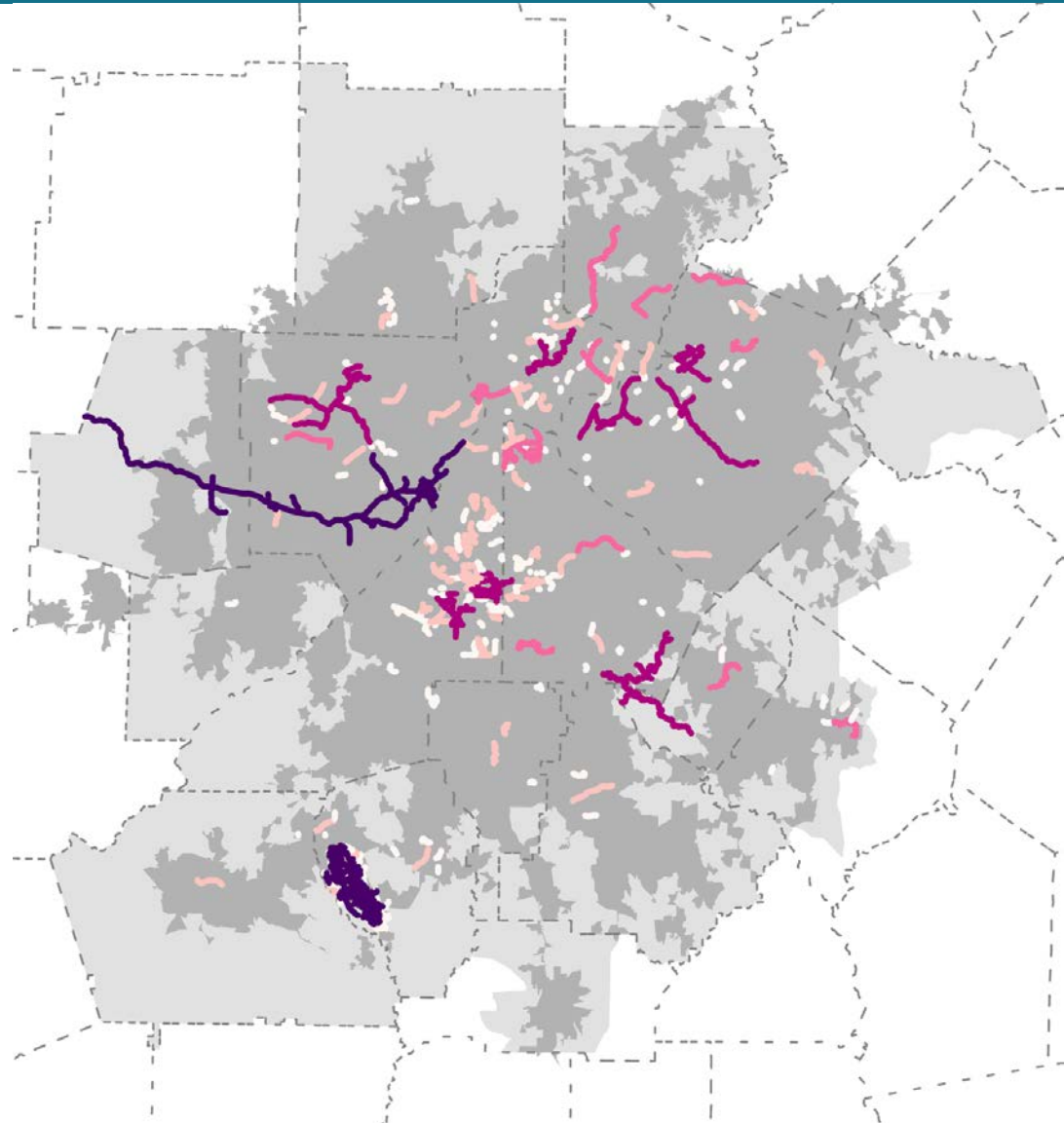
**Maximum
Length**

80 miles

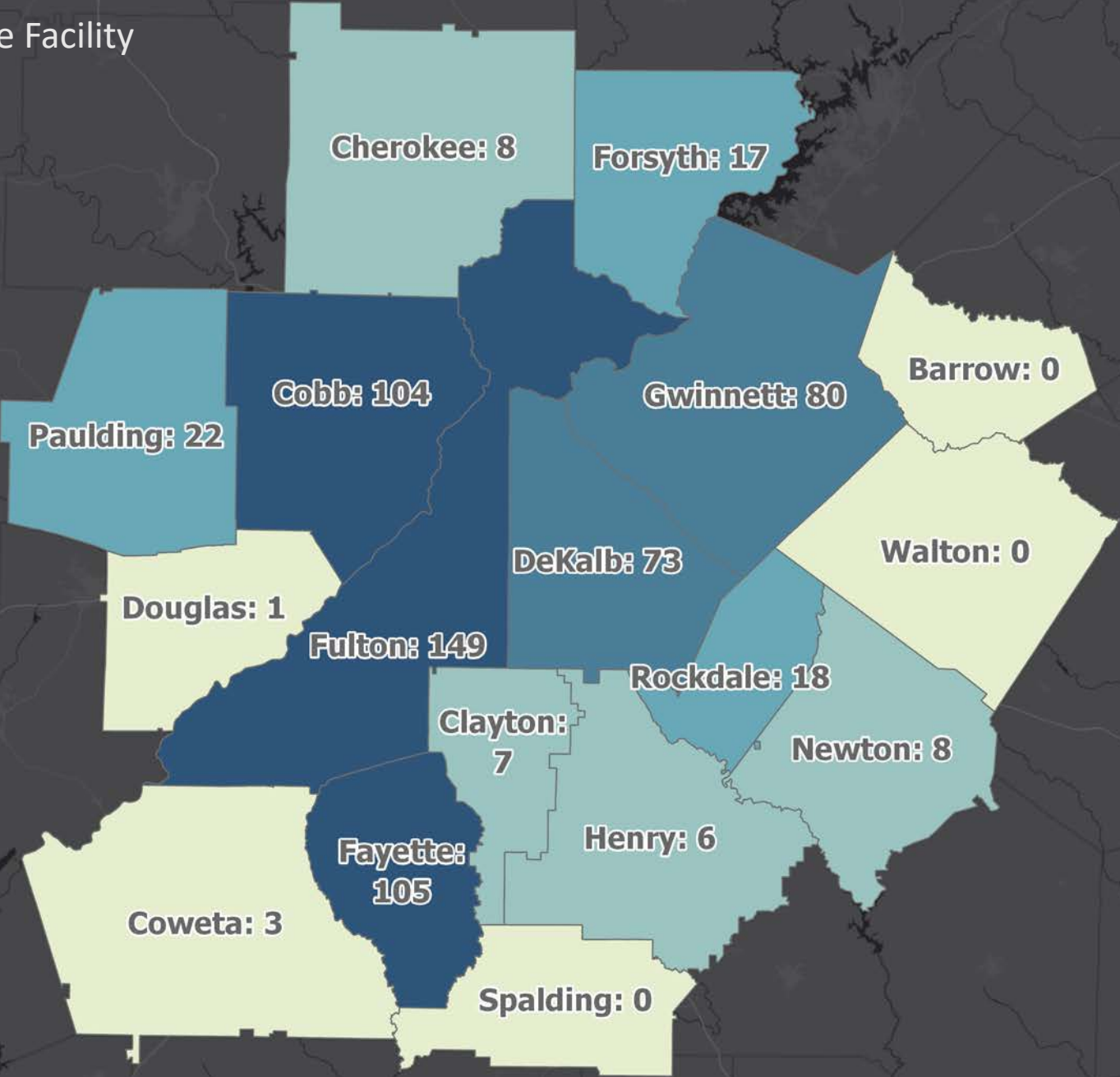
**Median
Length**

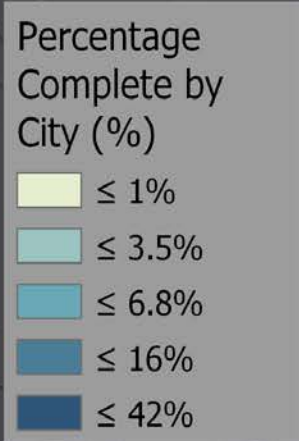
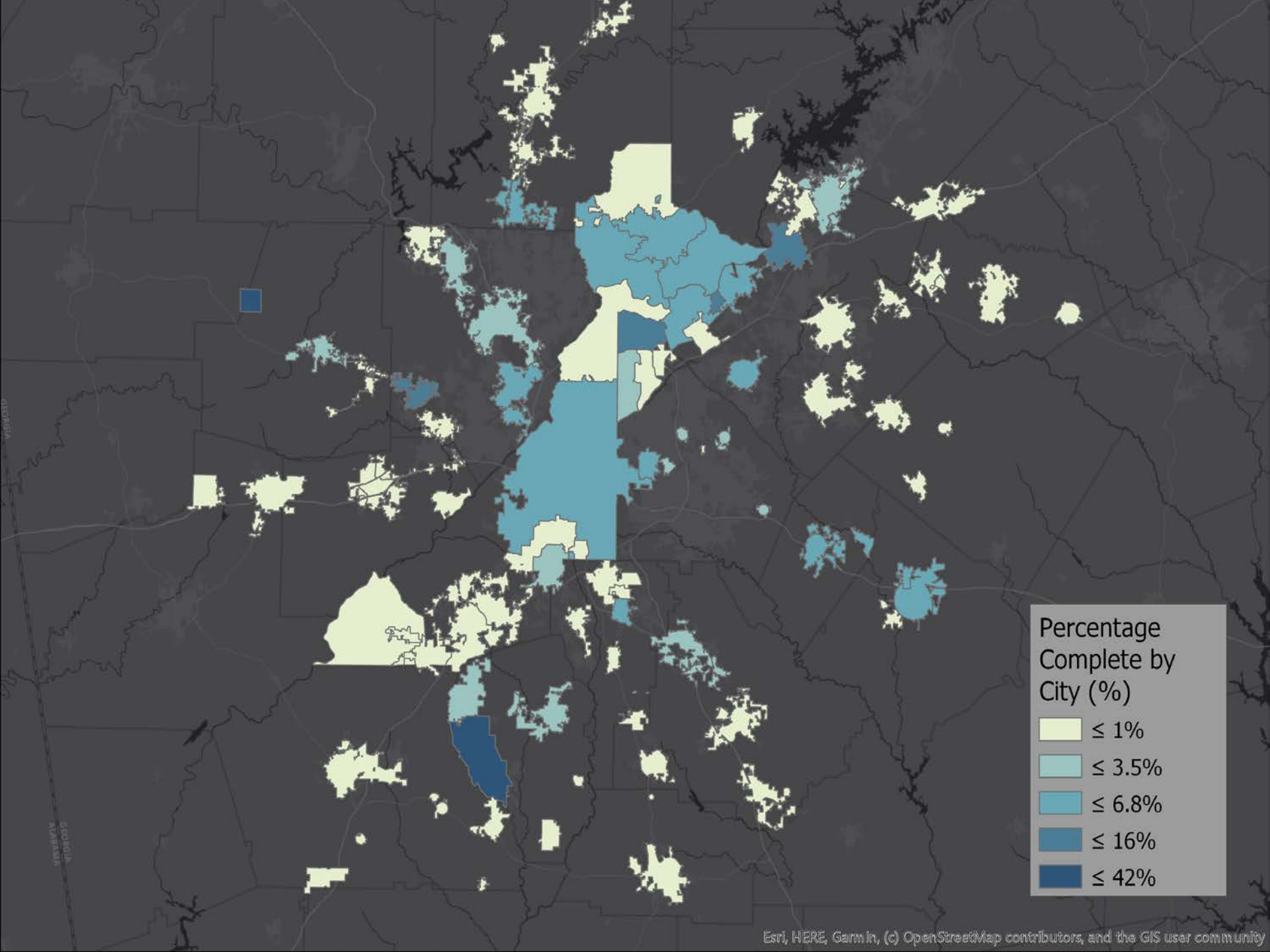
0.56 miles

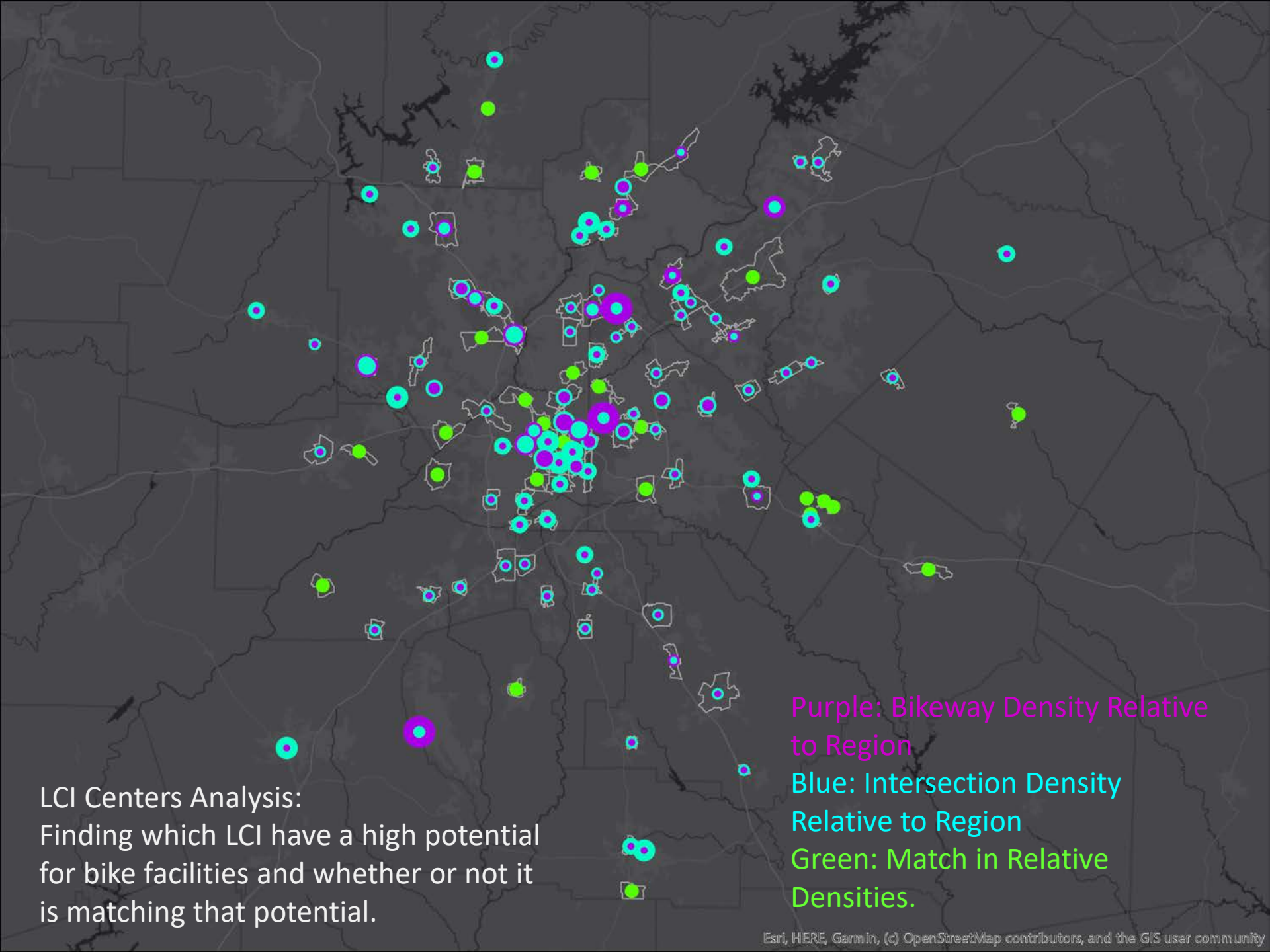
Note: cursory analysis, needs further refinement



County Bike Facility Mileage







LCI Centers Analysis:
Finding which LCI have a high potential
for bike facilities and whether or not it
is matching that potential.

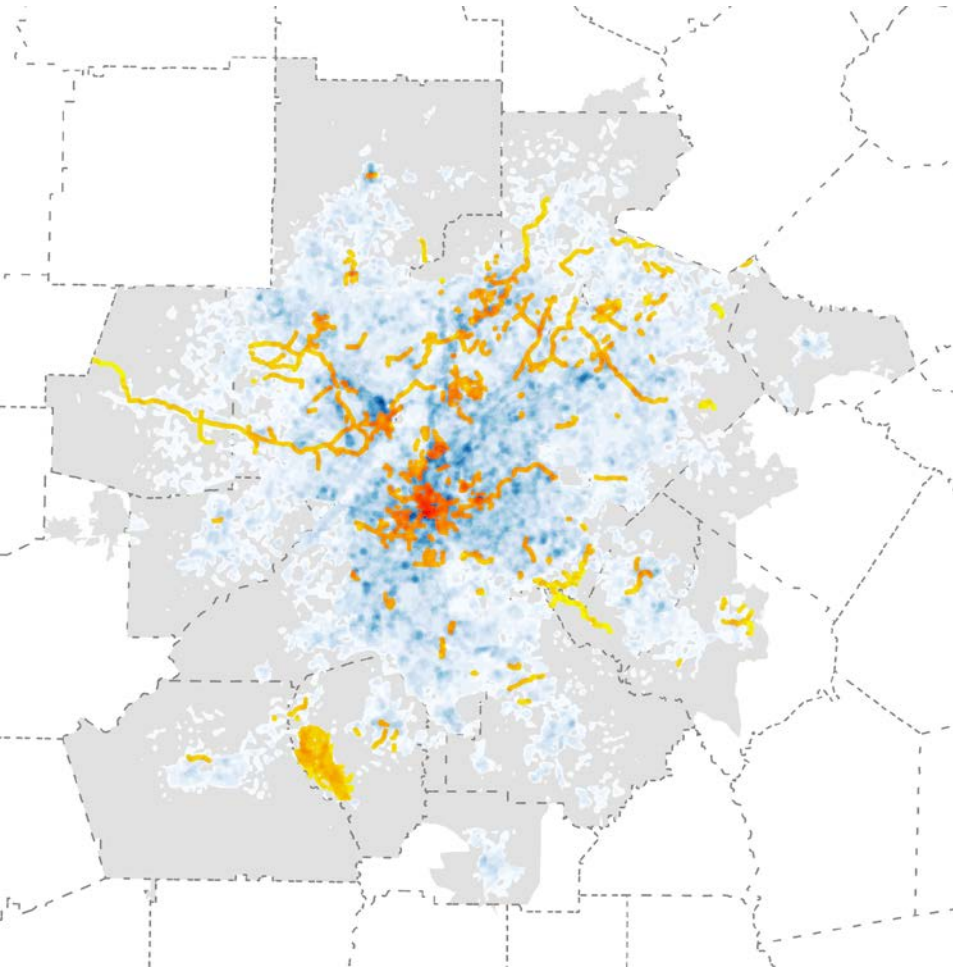
Purple: Bikeway Density Relative
to Region
Blue: Intersection Density
Relative to Region
Green: Match in Relative
Densities.

REGIONAL ANALYSIS

HOW CAN WE PAIR BIKEWAYS WITH OTHER DATA?

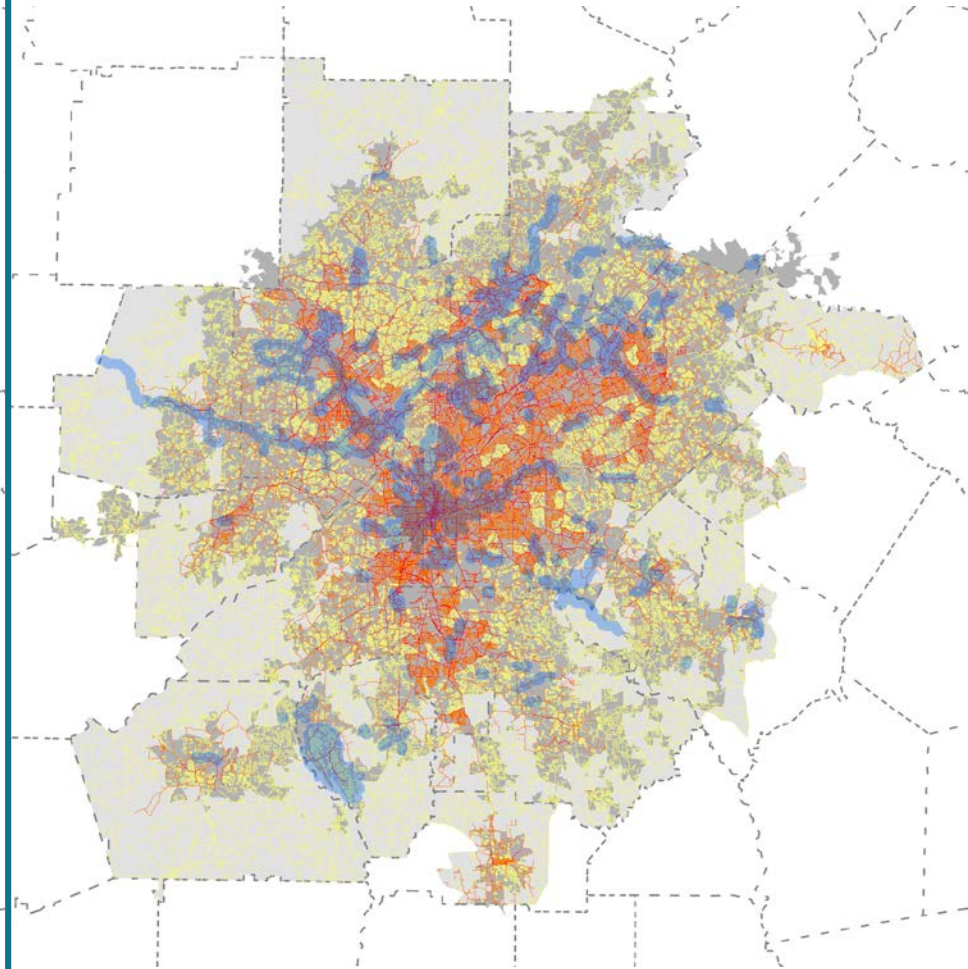
Regional Propensity / Destination Access

Walk. Bike. Thrive! – Regional Bike Propensity



Regional Safety Risk Mitigation

Safe Streets for Walking & Bicycling



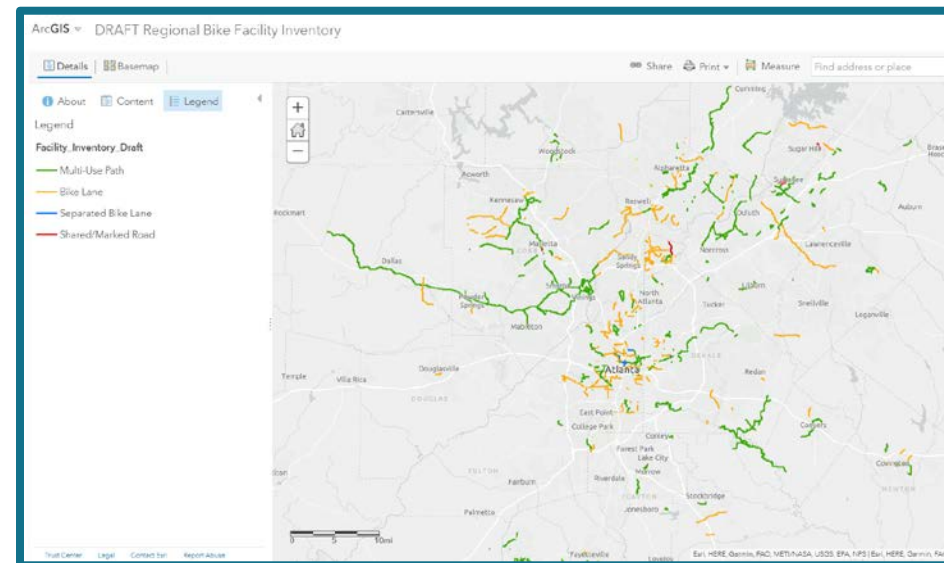
NEXT STEPS?

FINALIZE DATA + RESEARCH & ANALYSIS REPORT

- Incorporate edits from TCC & local jurisdiction review
- Conduct analysis on regional mileage, distribution, & measures
- Traffic Stress & Network Analysis?

PLEASE REVIEW!!

<http://arcg.is/1iSLv1>



Feedback:

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