

# **Transit Network Redesign**

Common Council Executive Committee January 4, 2022

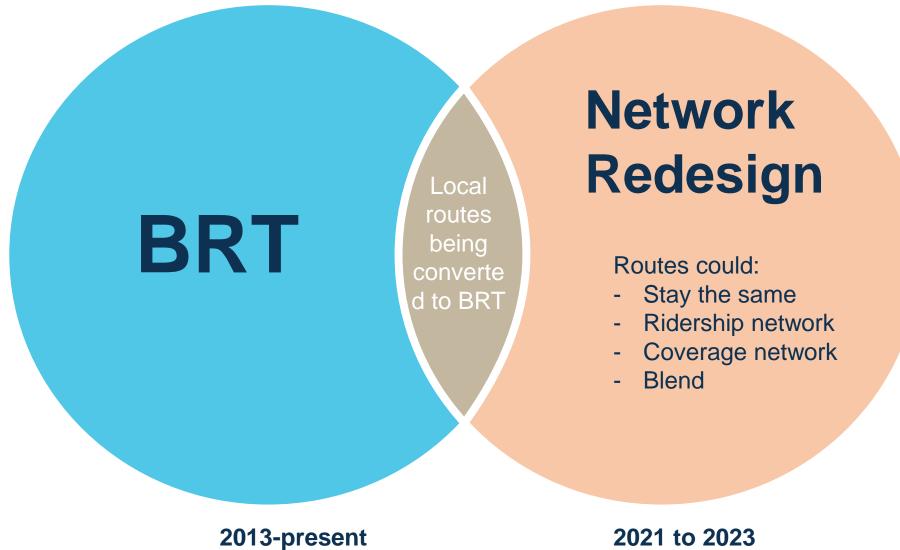
### Transit Network Redesign

 The Metro Transit Network Redesign will design a route system that will better meet the needs of Madison area residents and businesses.

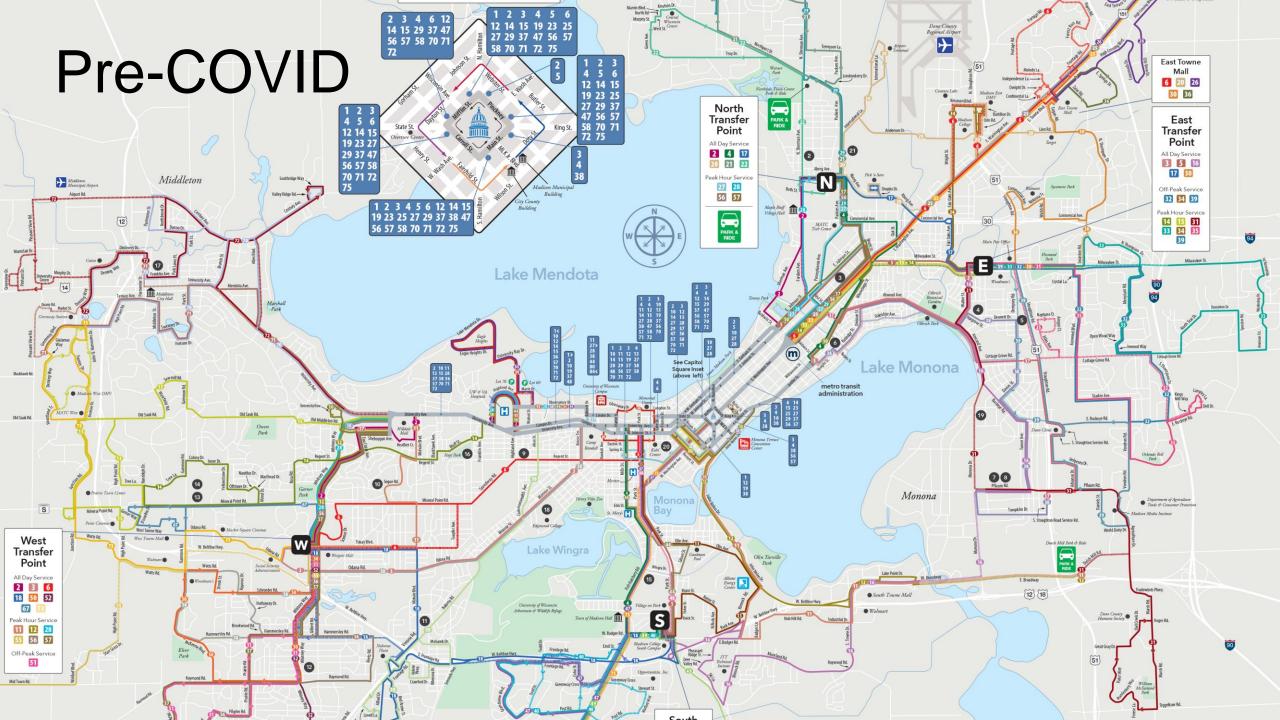


www.MyMetroBus.com/Redesign

#### **Separate Efforts**



2021 to 2023

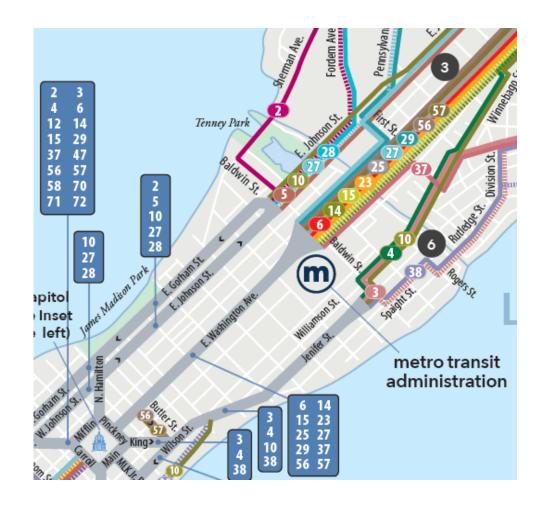


## Why now?

 Address long-standing issues and discrepancies

 Recover from COVID-19 in a way that reflects future needs

 Compliments BRT and brings some of those benefits to more neighborhoods

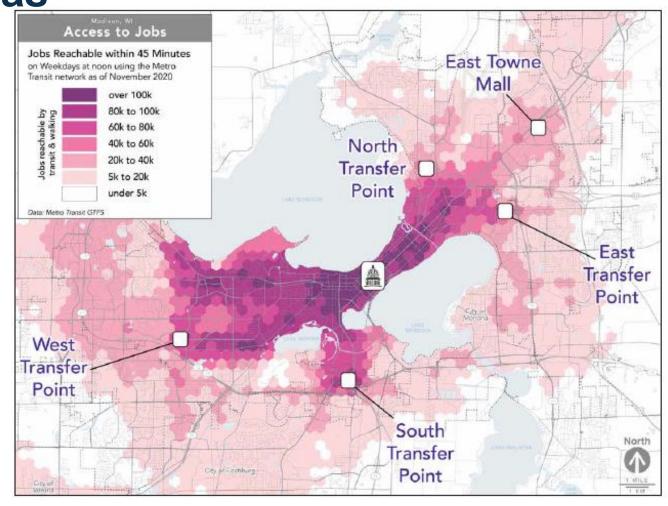


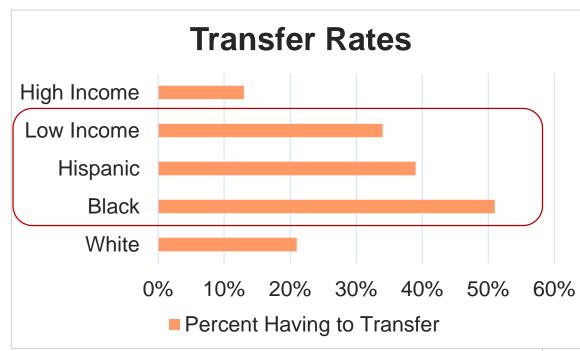
The limitations of the existing network fall hardest on outlying low-income areas

There are two kinds of poverty that are most prevalent in Madison:

- Students in poverty. Because it's hard to work and outlying full-time, college and university students often have low incomes. But statistically, most students will go on to lead mid- to high-income lives. Reflecting the broader situation, they tend to be mostly White, with a substantial Asian minority.
- Generational poverty. People born in lowincome or low-wealth households are more likely to experience low incomes for much of their lives. Although people of all races and ethnicities experience generational poverty, it is statistically more prevalent among Black and Latino people, as well as certain Asian groups such as the Hmong.

In contrast, people who experience generational poverty are much more likely to live outside central Madison, such as on the South and North Side, pockets of the northeast, and in areas south of the Beltline. They are concentrated in the areas where transit provides the least access to the city.

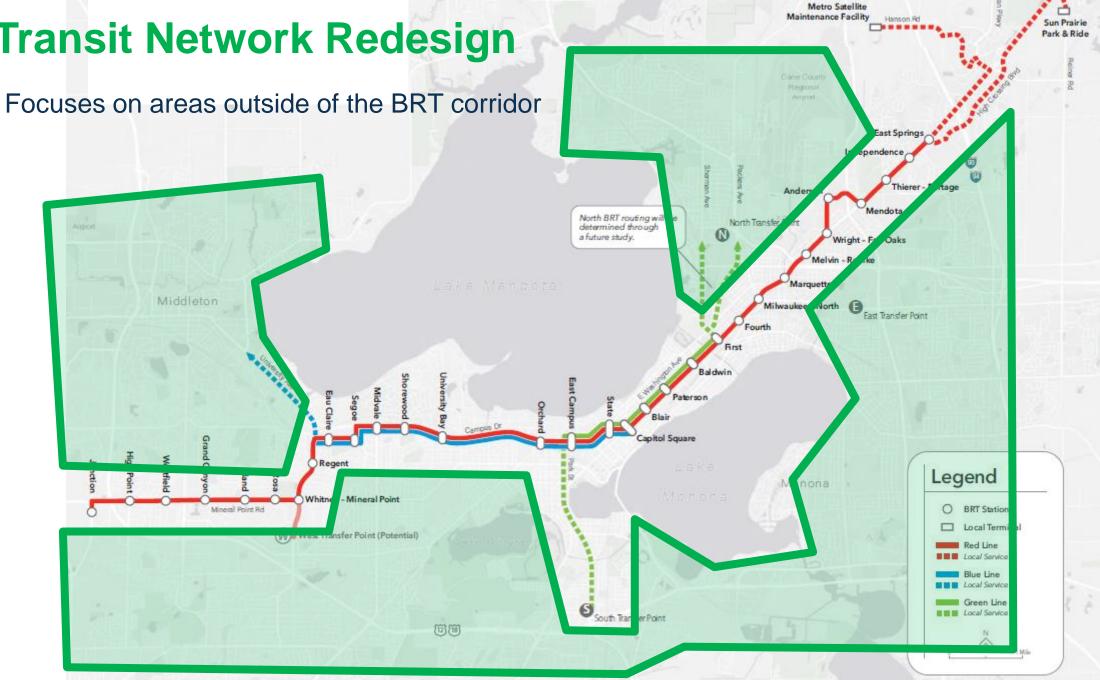




Limitations of the existing network disproportionately affect low-income and people of color



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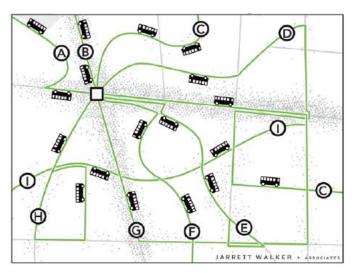


#### Basic Goals for Public Transportation

• Ridership concentrates transit service onto fewer routes with more frequent service, ultimately increasing ridership

B JARRETT WALKER + ASSOCIATES

 Coverage extends transit service to as many people as possible regardless of frequency



# **Competing Goals**

 With a fixed level of funding, we can't do both everywhere.



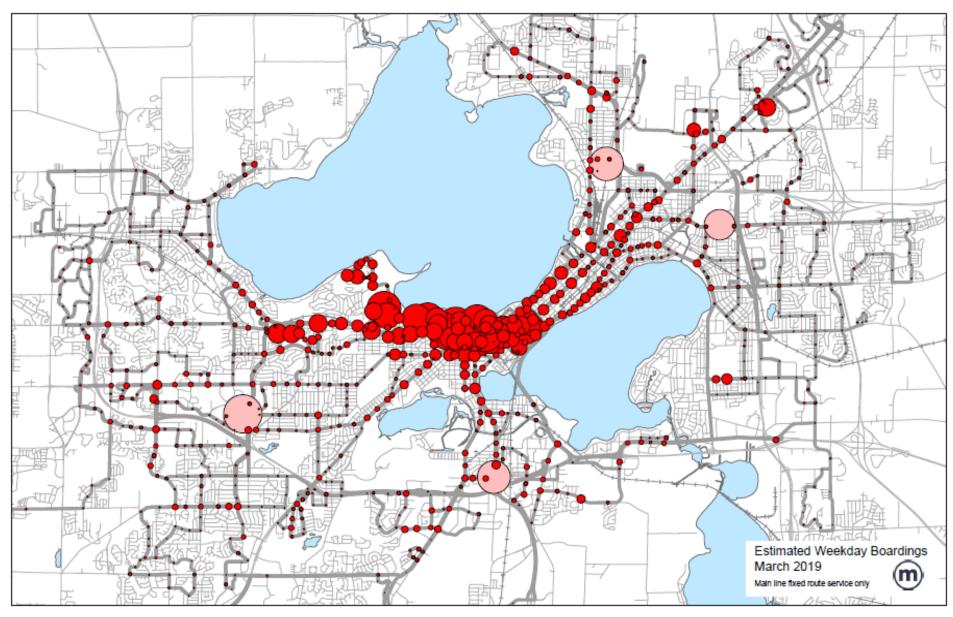
JARRETT WALKER + ASSOCIATES

# **Alternative Maps**

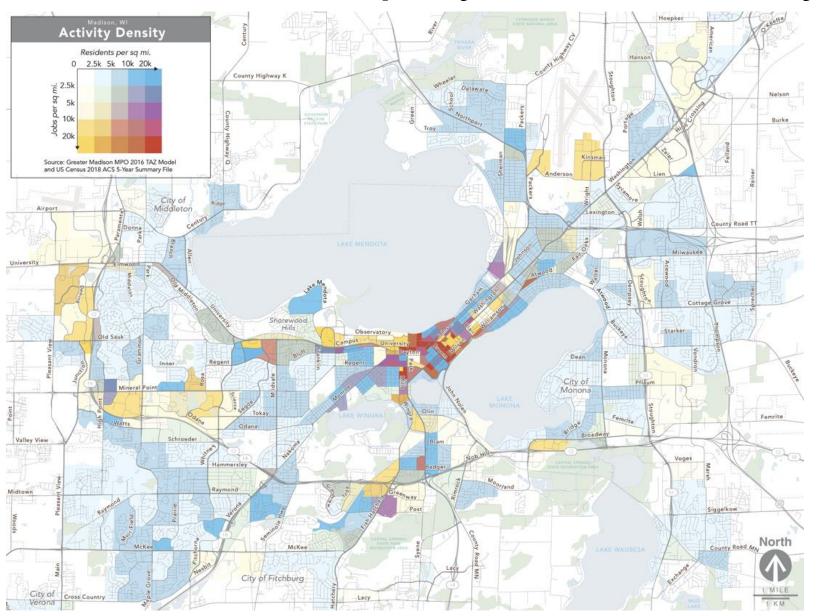
Data used for designing Network Alternatives



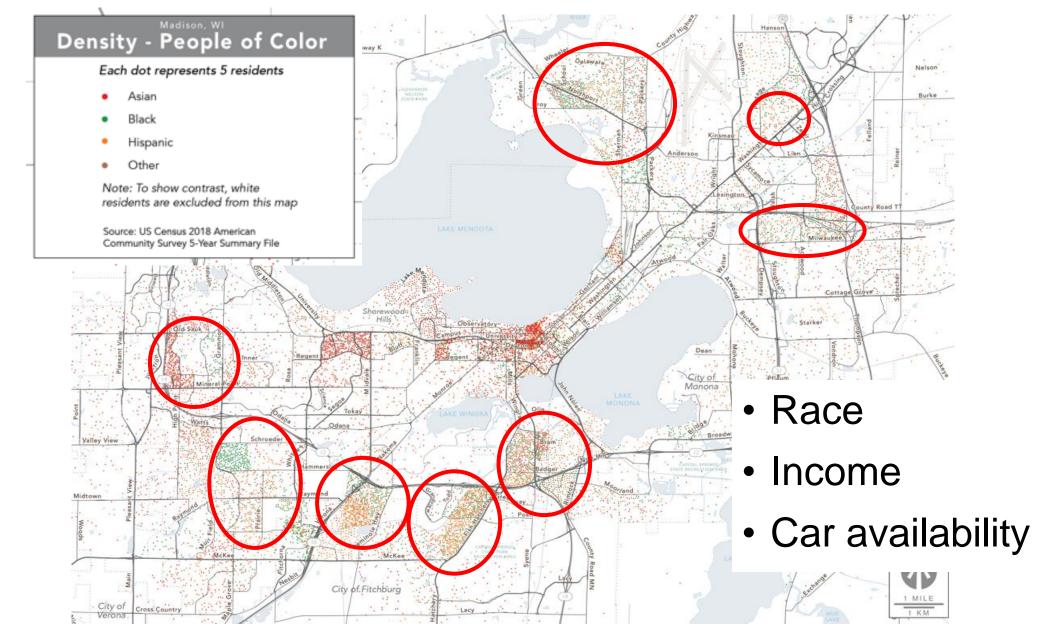
#### Pre-COVID Transit Use

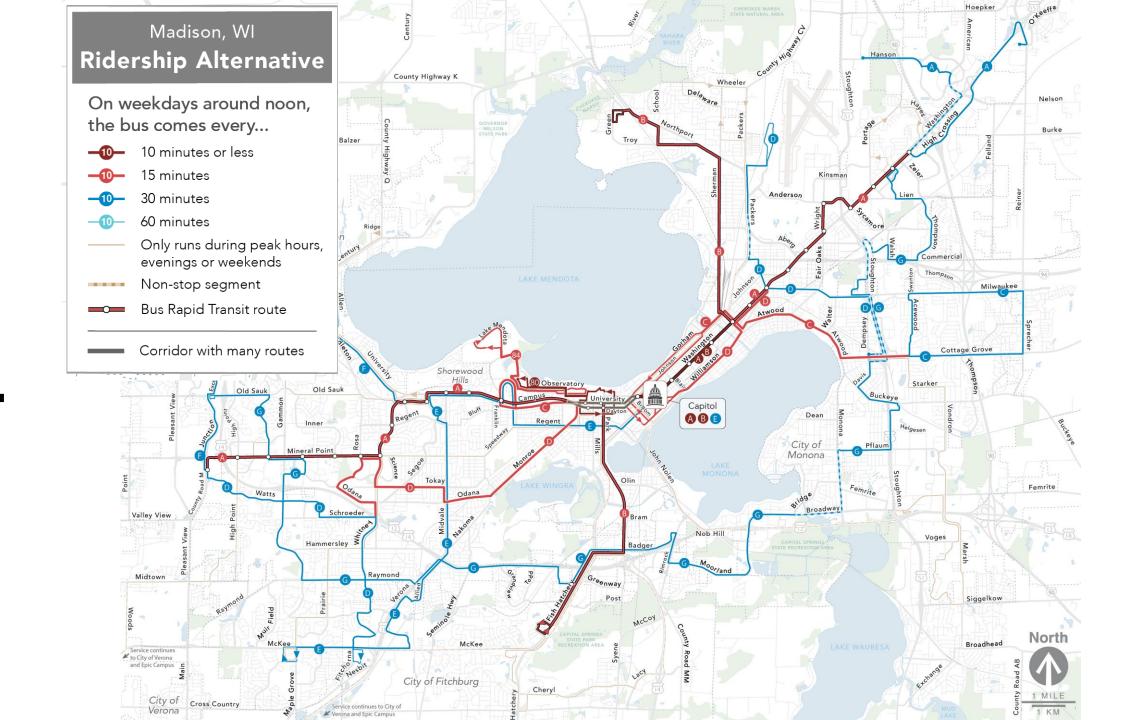


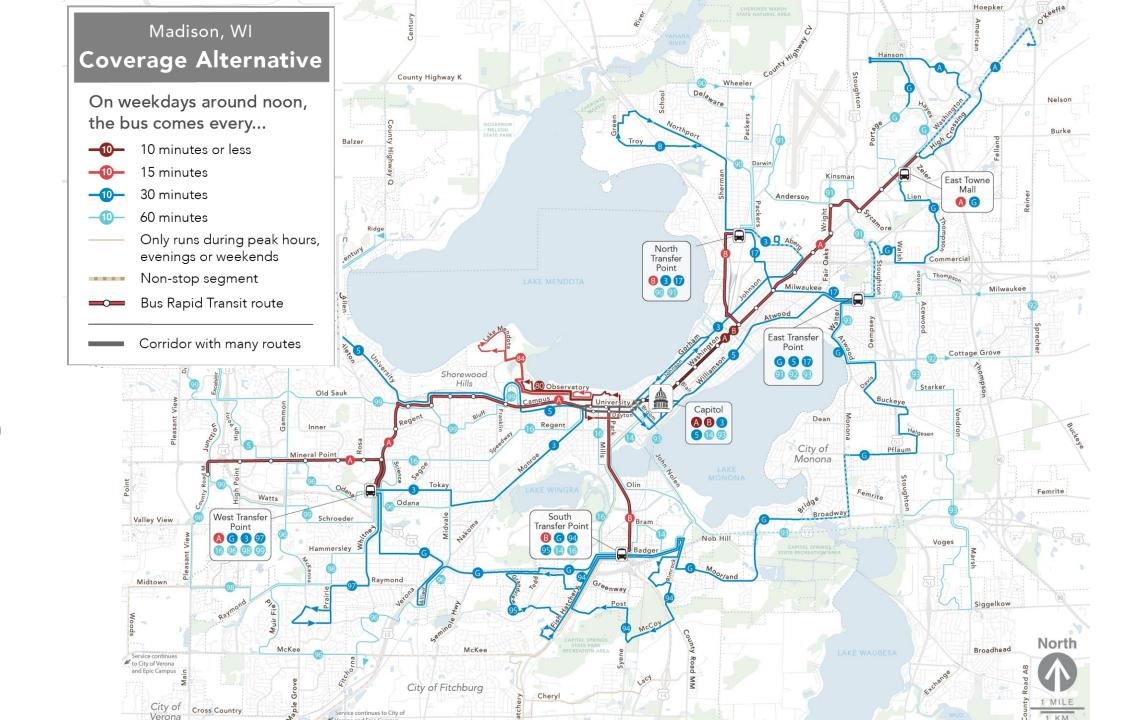
## Residential and Employment Density



# Limitations of Existing Network



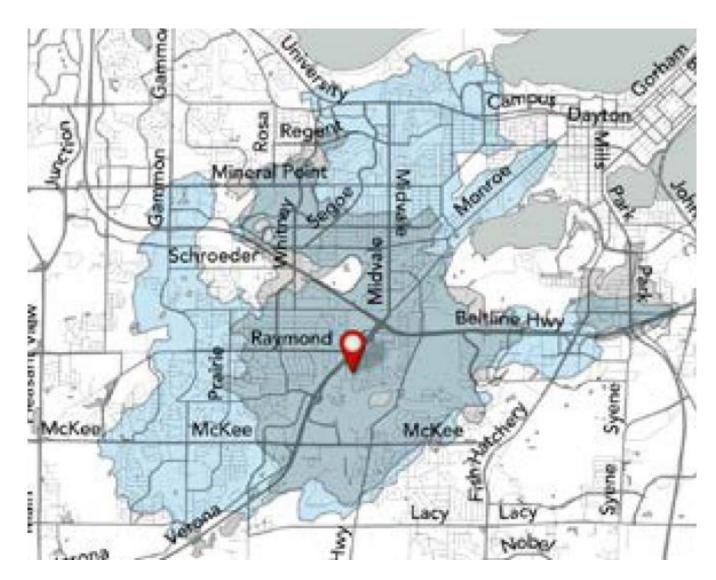


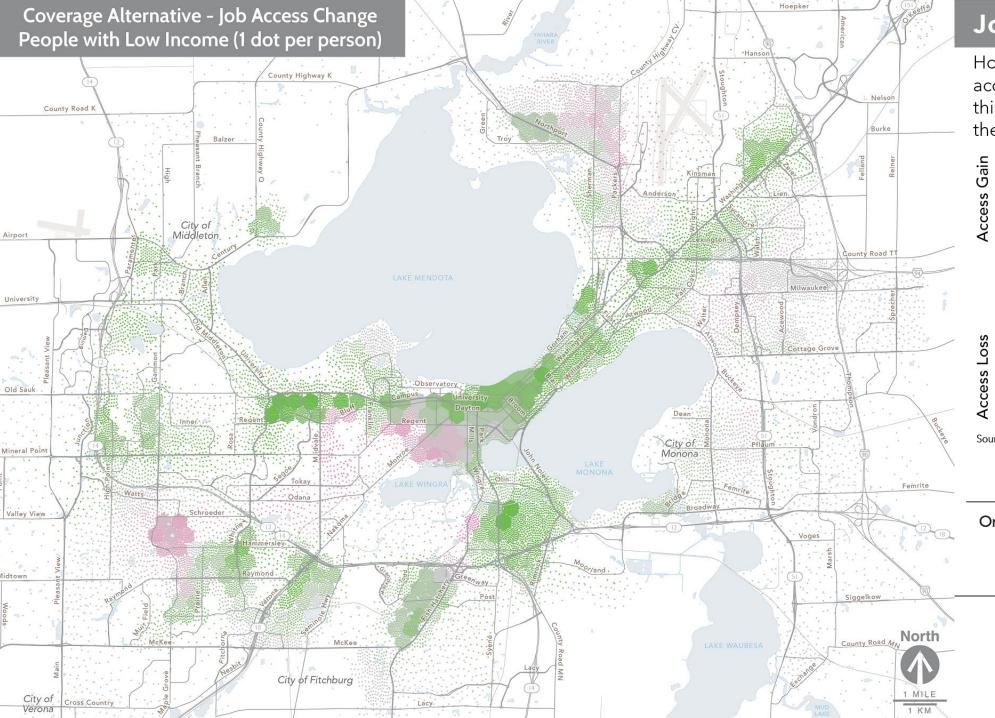


#### Measuring Outcomes – Transit Access

 How many destinations or jobs can you access in a reasonable amount of time?

 Access can be measured for one point or aggregated





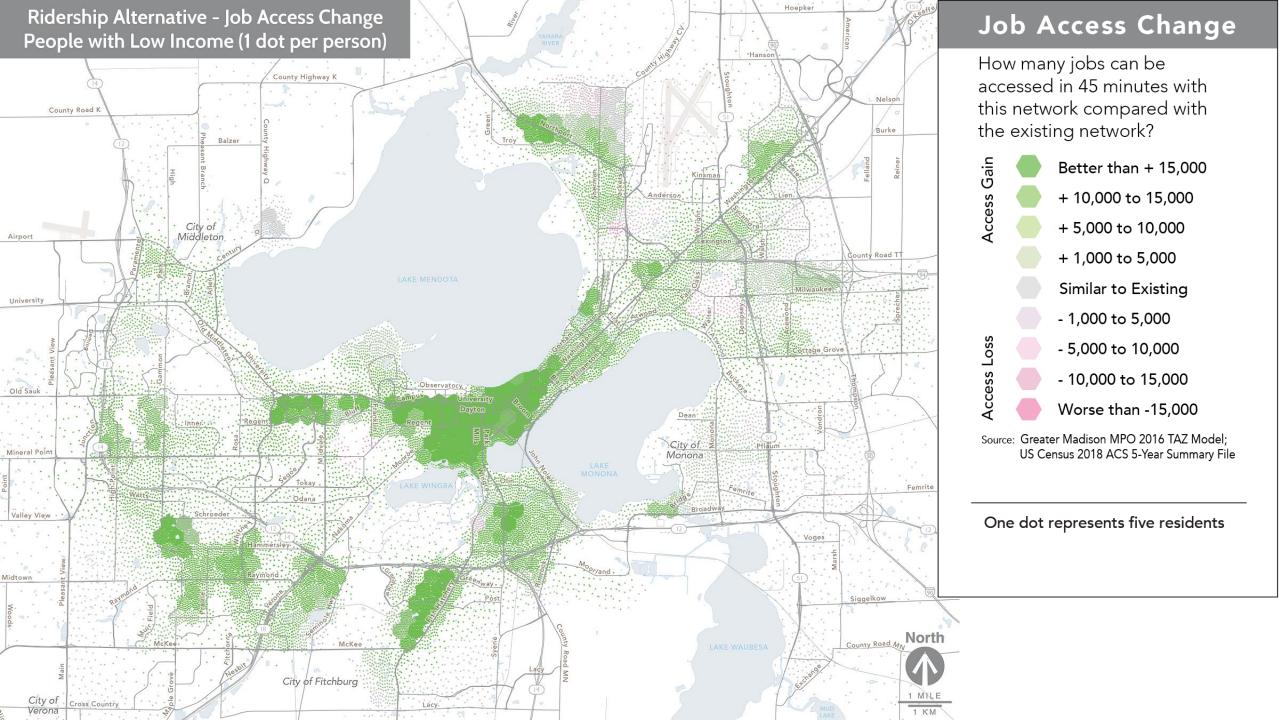
#### Job Access Change

How many jobs can be accessed in 45 minutes with this network compared with the existing network?



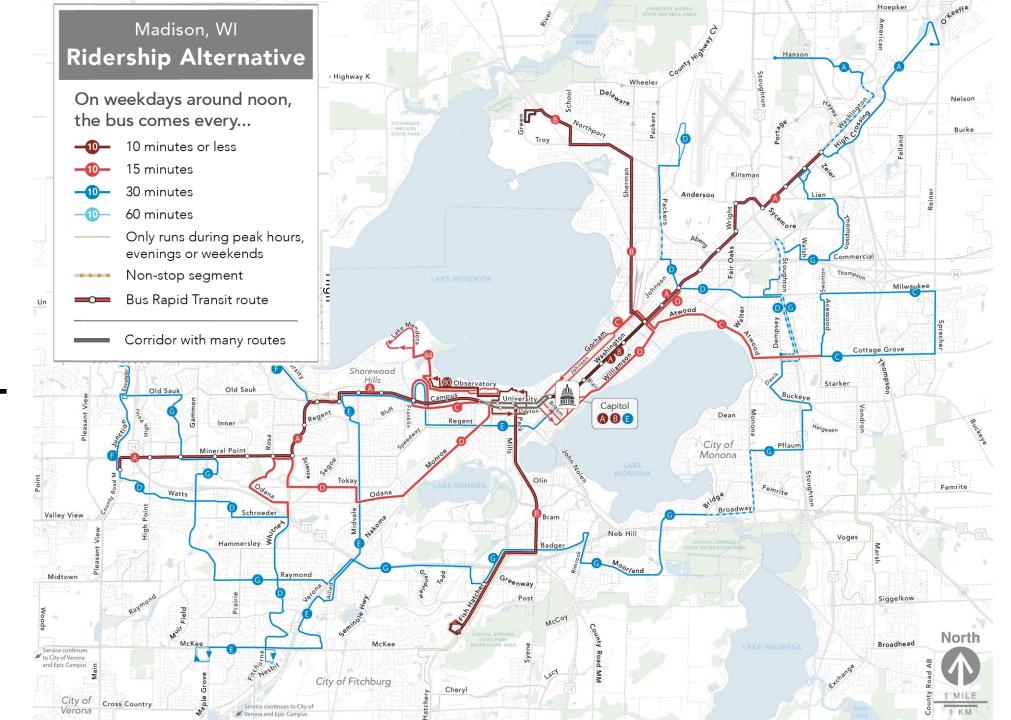
One dot represents five residents

US Census 2018 ACS 5-Year Summary File

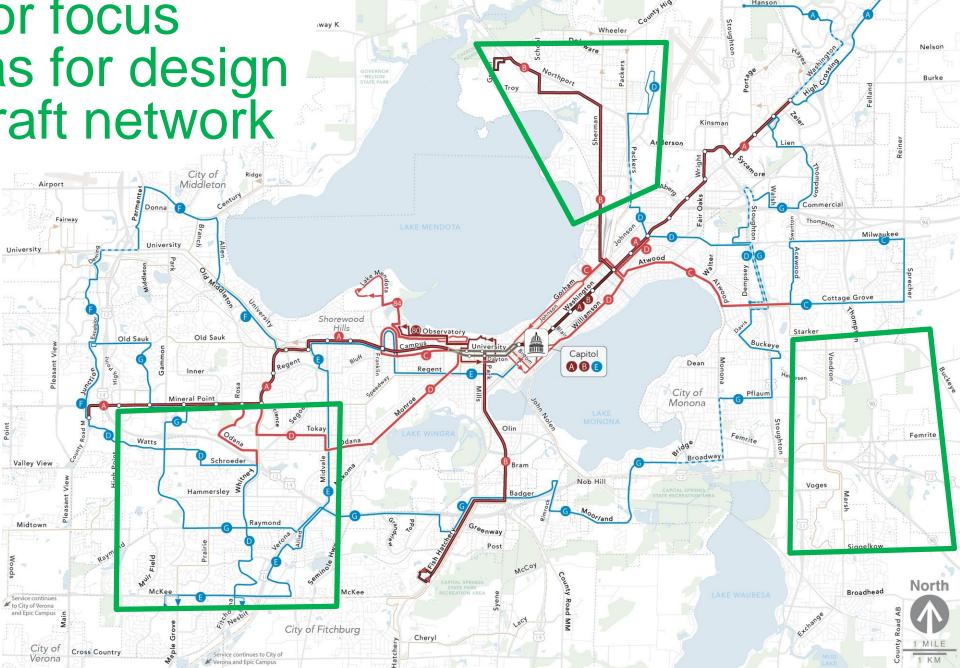


### Policy Direction

- 1. Ridership, definitely. Minor corrections only.
- 2. Ridership, mostly. Some lower frequencies to reach a few more places.
- 3. Coverage, mostly. Just a little less coverage to so we can get a few higher frequencies.
- 4. Coverage, definitely. Minor corrections only.



Major focus areas for design of draft network City of Middleton



# **Key Take-Aways**

 Bus routes will be designed to be longer, straighter, and more frequent

 Majority of lower income residents in peripheral neighborhoods will experience less waiting, and barriers to accessing jobs and other destinations will be reduced

 Transfer points will be eliminated, eliminating unnecessary delays and indirection

# **Key Take-Aways**

 Bus service will not be reduced in neighborhoods to support the BRT system. BRT service is a reorganization of service hours already in the corridors.

 Most routes will continue downtown and will not force transfers to BRT. BRT and local service will form a single, cohesive network.

# **Key Take-Aways**

 The redesigned network will be less oriented around the downtown 8-5 commute, and will be more useful for retail jobs, hospitality jobs, and other jobs that follow less predictable schedules

 The system overall will be far simpler, more logical, and easier to use.

#### What we've heard

 The public generally supports the "mostly ridership" approach

Some people would like to see pre-COVID routes restored

Staff are collecting all comments and answering questions.
Requests will be analyzed based on their merit from a system perspective with an equity lens.

### Next Steps

- Draft network design at Transportation Policy and Planning Board January 31, 2022
- Virtual public information meeting and online survey
- Geographic virtual meetings and/or open houses to focus on sub-areas of the city
- Draft network modified based on feedback and approved by TPPB
- New network implemented in summer 2023



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