

Metro Transit Network Redesign

Draft Network Plan

Presentation to TPPB



Let's think about transit

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Why are we here today?

- We are re-envisioning <u>where</u> and <u>how often</u> the bus operates in Madison.
- Two alternatives were presented for public comment.
 - The **ridership** alternative would focus frequent service on main streets.
 - The **coverage** alternative would spread service out to as many places as possible.
- In response to public comment, TPPB directed the project team to develop a plan based on the ridership alternative, but with a few changes to extend coverage to a few more areas.
- Today, we present the Draft Plan and seek your approval to release it for public comment.





What's in the Draft Network?

Assumption: BRT moves forward.



Assumption: Service at 2019 levels

- This matches available operating funds.
- This means that:
 - There isn't infinite room to go more places and provide more frequent service.
 - Any decision to run more service in one location than in 2019, is a decision to run less service in some other location.

More frequent routes



In existing service, most routes run every 30 minutes, and many run just once an hour, often on one-way loops.

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More frequent routes



In the Draft Plan, about half the routes would run every 15 minutes, and half would run every 30 minutes.

More direct service



In existing service, passengers from outlying areas are directed to transfer points, where they have to switch buses to get closer in.

More direct service



In the Draft Plan, most routes run to and through central Madison either all of the time, or on weekdays from 6 AM to 7 PM.

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Service on fewer streets

- Achieving higher frequencies without significantly expanding the service budget means providing fewer routes.
- However, the vast majority of people near service today would remain near service under this Draft Plan.
- The average walk to the nearest bus stop would become about 300 feet longer.

Service designed with equity in mind



Service to all areas in Madison with concentrated low-income populations.

Service designed with equity in mind



Routes designed to serve places where low-income people need to go on a regular basis.

Proposed service and ongoing development



The frequent network would match and anticipate patterns of infill development.

Proposed service and ongoing development



The full network would serve outlying developments that are located adjacent to areas that are already built up.

Comparing Key Outcomes Proximity to Service

- The charts in the following slides estimate how many people in the City of Madison would live within a ¼mile walk of a bus stop, and how often the bus comes by.
- This is a measure of **coverage**.
 - It tells us whether people have some level of insurance against isolation in their neighborhood.
 - It does not tell us whether anybody would find the service useful on a regular basis.

- Please note:
 - All of the measures shown in this presentation are for weekdays, during the middle of the day.
 - Service levels are likely to be higher at peak times, and lower on weekends and evenings.

How many people are near transit service in Madison?

Existing Network - All Residents



How many people are near transit service in Madison?

Draft Plan - All Residents



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How many people are near transit service in Madison?



Comparing Key Outcomes Access to jobs within 45 minutes

Access

How many places can you reach within 45 minutes?

- The maps on the following slides estimate how many more jobs someone could reach within 45 minutes by transit and walking, for each alternative, compared to today.
- This is a measure of the service's usefulness; transit needs to be useful to generate ridership.
 - We measure access to jobs because we have good data on jobs, not because transit's main purpose is commuting.
 - Access to jobs matters for many trips, because most of the places people need to go are places of employment.
 - This measure is not a prediction of ridership change.

Access

How many places can you reach within 45 minutes?

- When we say you can get somewhere in 45 minutes, that includes the time it takes to:
 - Walk to the nearest bus stop.
 - Wait for the next bus to come.
 - Ride the bus.
 - Walk to your destination.
 - Make any **transfers**.
- We're interested in how many places you can get to in 45 minutes, because that's about the amount of time it takes to drive from one end of Madison to the other.







Proposed Draft Network - Job Access Change People of Color (1 dot per person)



Proposed Draft Network - Job Access Change People with Low Income (1 dot per person)



In Summary

The Draft Network Plan would make transit more frequent and direct.



Some people would have to walk farther to get to a bus stop.



Often, they would be near more frequent service



So most people could get to many more places in a reasonable amount of time.



Next Steps

Public Outreach

If TPPB approves moving forward, we will begin another round of public outreach.

Key Questions will include:

- Overall, would this Draft Plan make bus service better:
 - For you and your family?
 - For your neighborhood and community?
 - For Madison as a whole?
- What's wrong or missing from this plan? What should be corrected in the Final Plan?

What happens next?



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We appreciate your time and participation today and going forward.

Thank you!

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