



# MCTS NEXT - Route Redesign

*UWM*

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December 3rd, 2018

# Agenda

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- Short presentation on MCTS NEXT proposed route concepts
- Planners will be available to listen to your comments / ideas and answer your questions
- Planners can also provide specific answers on proposed route changes
- Your comments are a critical component of MCTS NEXT! Please make sure to fill out a comment card or visit [RideMCTS.com/NEXT](https://RideMCTS.com/NEXT).

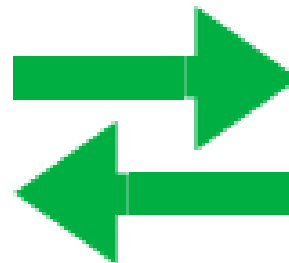
## What is MCTS NEXT?

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At its core, MCTS NEXT is about creating more high frequency service by **redesigning the route network**



FASTER  
SERVICE



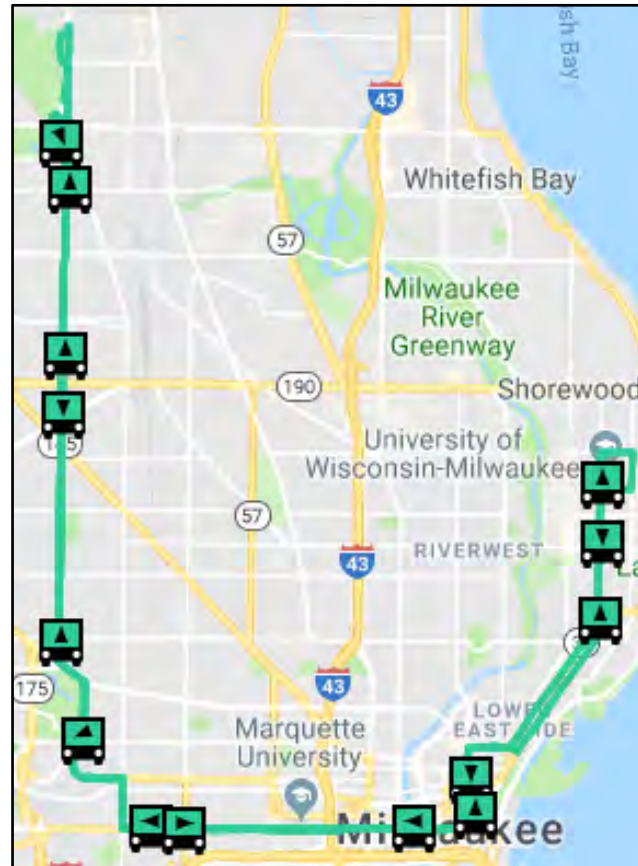
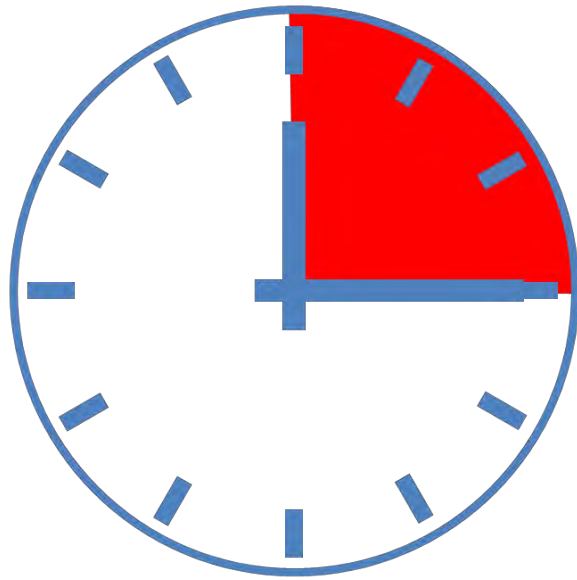
MORE  
CONNECTIONS



INCREASED  
ACCESSIBILITY

We want to help more people get to their destinations more quickly

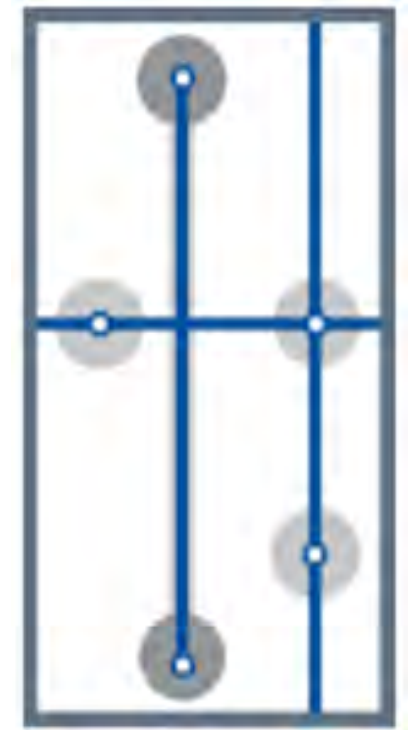
# What is High Frequency Service?



**15:00**

## How Did You Do This?

- We invested in high frequency service by shifting service away from low frequency or under-performing, low ridership routes
- Increased the speed of service by removing seldom-used bus stops and stops that are spaced closely together
- Concentrated service in areas that have a mix of residential, commercial, and entertainment uses with good pedestrian facilities

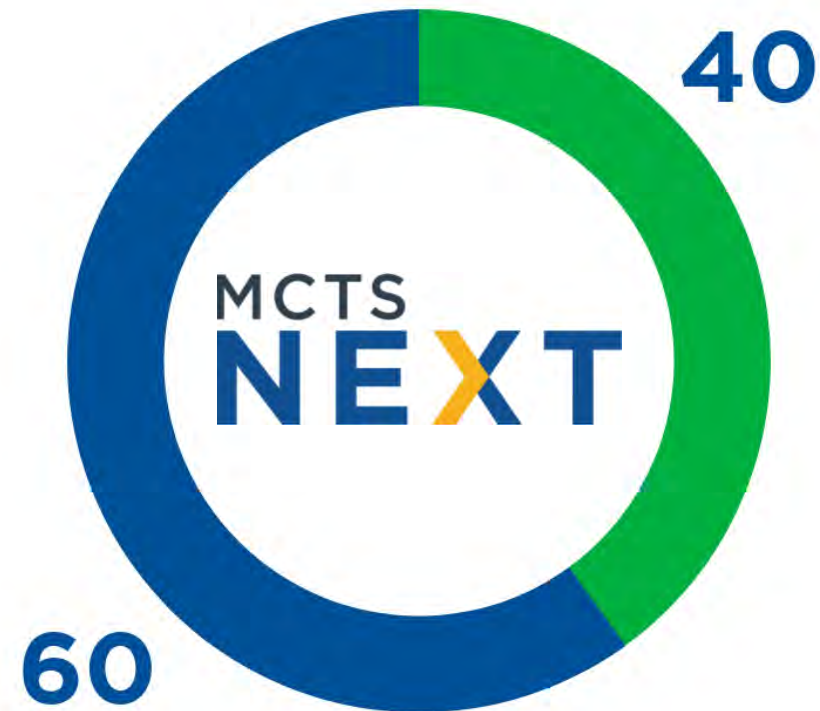


# MCTS NEXT – Option 1

## 60/40

60% - High Frequency Service

40% - Local and Daytime Service



## Option 1 - 60/40

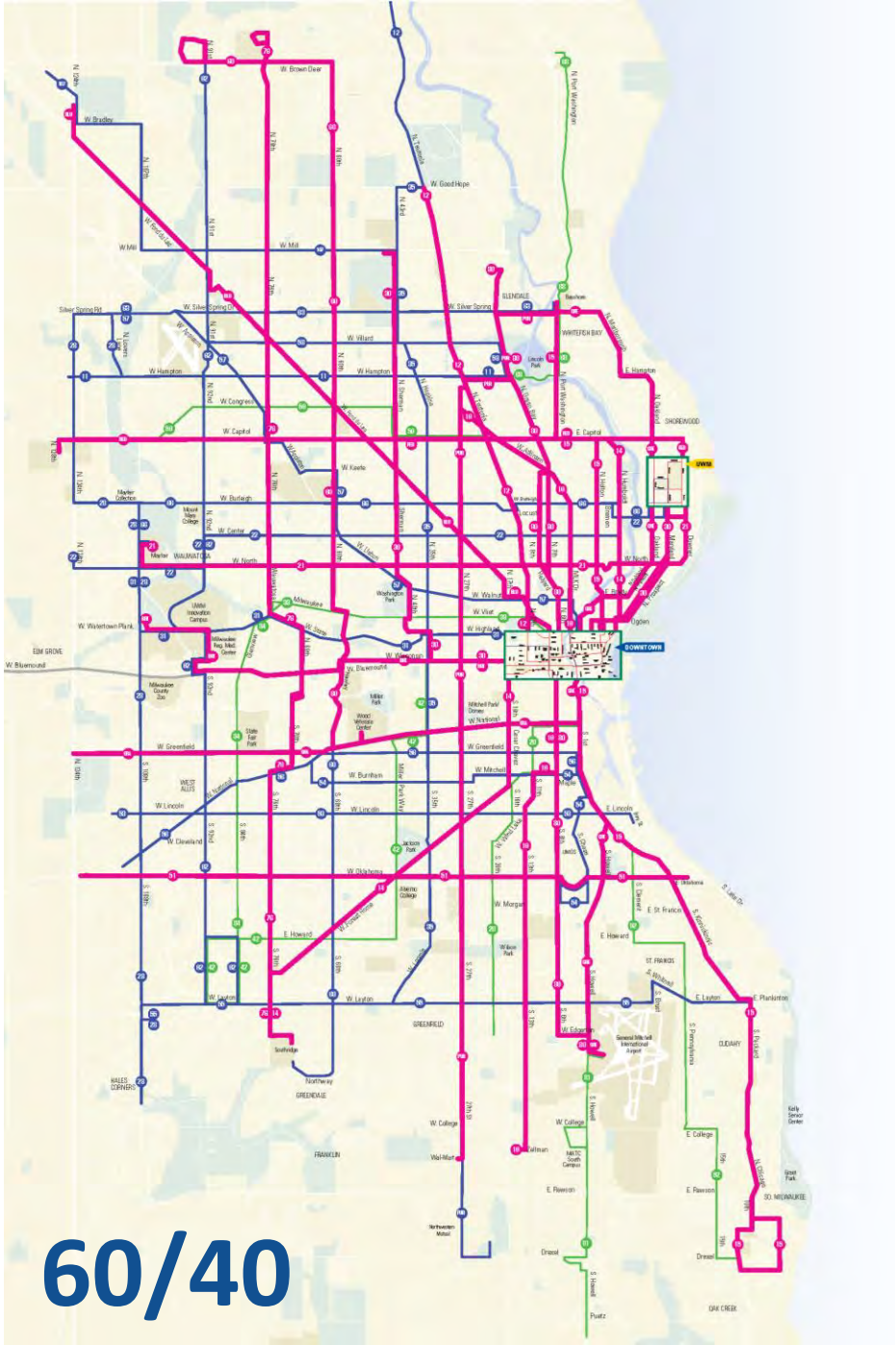
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- 6 New High Frequency routes (16 total)
- 15 Local routes
- 8 Daytime routes (6AM – 7PM)
- Significantly improved frequency on weekends
  - Saturdays: 16 High Frequency routes versus 3 routes today
  - Sundays: Most routes at 20 minutes versus 4 routes today

# MCTS NEXT

**Pink** = High Frequency  
**Blue** = Local  
**Green** = Daytime

# 60/40





# Option 1 - 60/40

## High Frequency Network - Demographic and Destination Increases

- Population served **+73%** (from 292,810 to 508,613)
- Jobs served **+34%** (from 217,331 to 292,425)
- Major Nursing Homes served **+82%** (from 11 to 20)
- Major Employers served **+46%** (from 205 to 299)
- Major Colleges/Universities served **+33%** (from 6 to 8)
- Major Retail Centers served **+67%** (from 3 to 5)
- Major Hospitals/Med. Centers served **+41%** (from 17 to 24)

# Option 1 - 60/40

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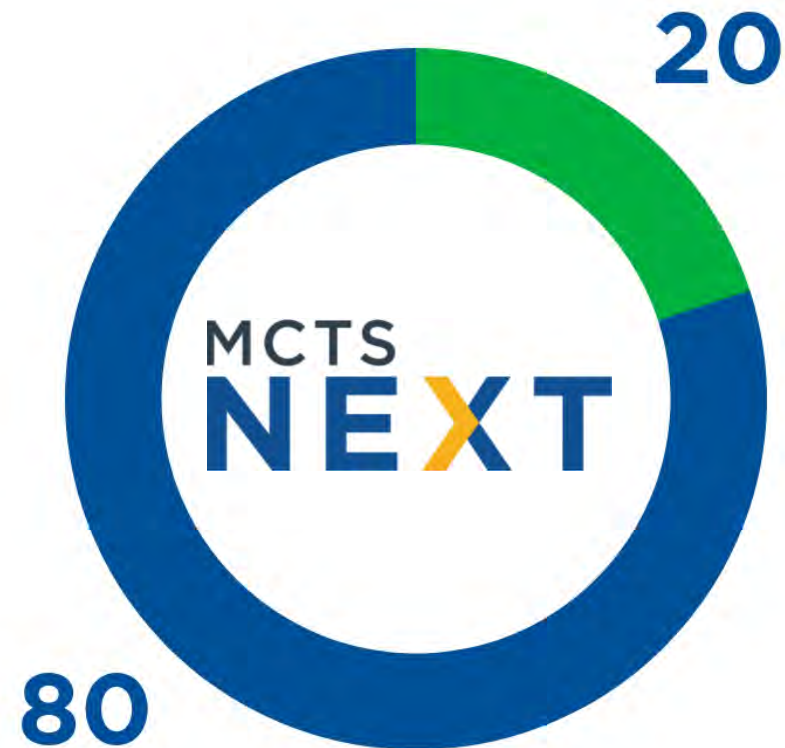
## Summary:

- 97% of today's riders will continue to be able to board at their bus stop or within a few minutes walk
- 80% of today's riders will be able to board a High Frequency route

## MCTS NEXT – Option 2

# 80/20

80% - High Frequency Service  
20% - Local Service



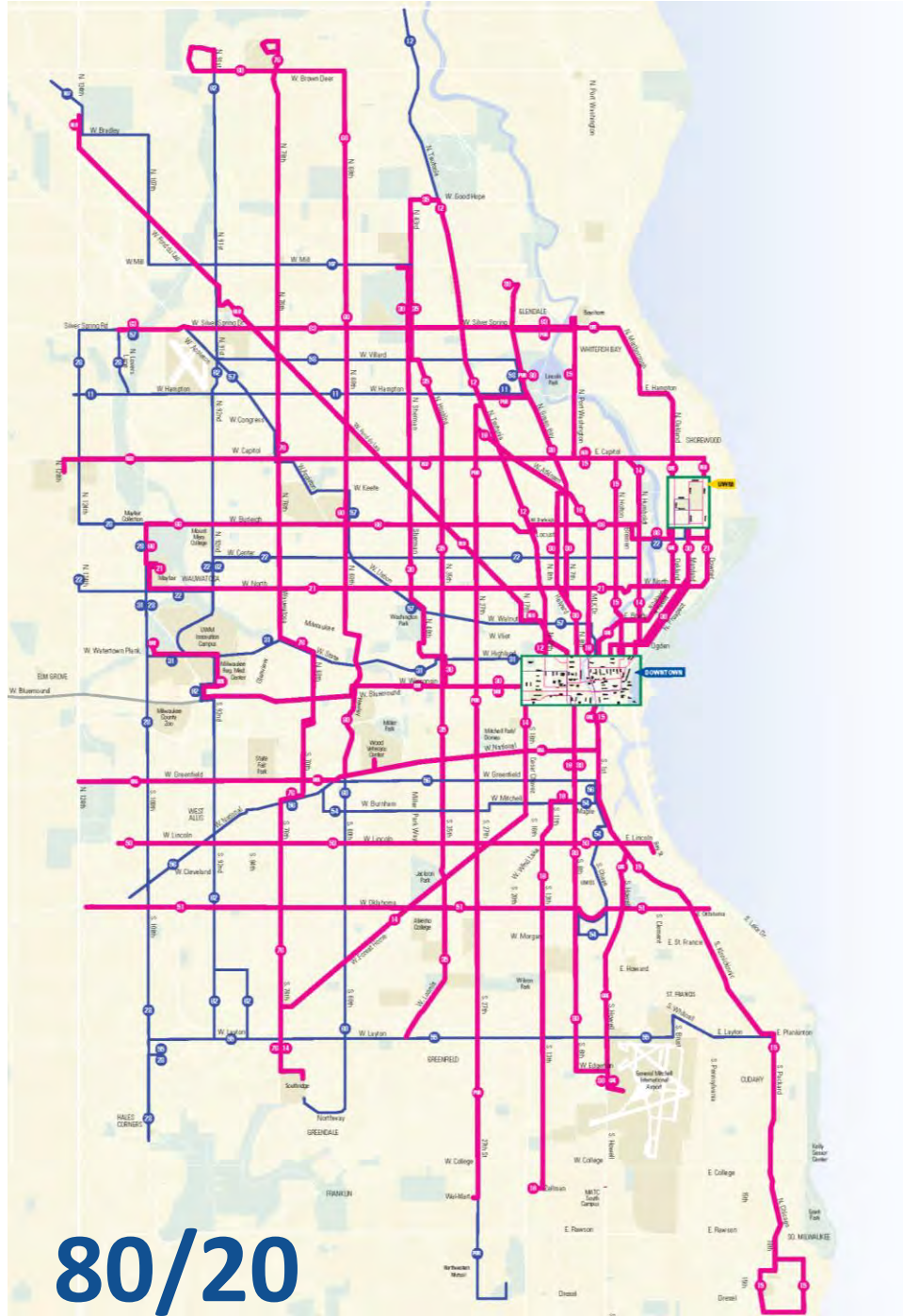
## Option 2 - 80/20

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- 10 New High Frequency routes (20 total)
- 11 Local routes
- No Daytime routes
  
- Significantly improved frequency on weekends
  - Saturdays: 20 High Frequency routes versus 3 routes today
  - Sundays: Most routes at 20 minutes versus 4 routes today

# MCTS NEXT

Pink = High Frequency  
Blue = Local



## Option 2 – 80/20

### High Frequency Network - Demographic and Destination Increases

- Population served **+88%** (from 292,810 to 566,686)
- Jobs served **+44%** (from 217,331 to 315,668)
- Major Nursing Homes served **+110%** (from 11 to 23)
- Major Employers served **+55%** (from 205 to 318)
- Major Colleges/Universities served **+33%** (from 6 to 8)
- Major Retail Centers served **+100%** (from 3 to 6)
- Major Hospitals/Med. Centers served **+76%** (from 17 to 30)

## Option 2 - 80/20

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### Summary:

- 95% of today's riders will continue to be able to board at their bus stop or within a few minutes walk
- 87% of today's riders will be able to board a High Frequency route

## High Frequency Network Comparison:

Existing System,  
60/40, and  
80/20 Options




MCTS  
**NEXT**



Did you know?  
In the 1990s,  
MCTS operated 70%  
High Frequency service.



# High Frequency Comparison

High Frequency Service	Current Network	60% High Frequency Network	80% High Frequency Network
Number of People Served 	300,000	508,613	566,686
Number of Accessible Jobs in the County 	225,000	292,425	315,668
Number of High Frequency Routes 	10	16	20

# What were the trade-offs?

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## Frequency vs. Coverage

- **FREQUENCY** = Bus comes more often and total trip times are shorter but not as many routes available.
- **COVERAGE** = Service is spread out, most buses come less frequently and trip times are longer but more bus routes cover more of the county.

## Walking and Waiting considerations

- **WALKING** = Would you be willing to walk a few minutes more to a route where buses come more frequently?
- **WAITING** = Would you prefer to keep a short walking distance to the bus even if it only comes infrequently?

# Bus Stop Optimization

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- MCTS can increase the speed of travel for riders by removing seldom-used stops that are close to nearby stops
- With fewer stops to maintain, a greater percentage of stops will have shelters and other amenities
- Some riders will need to walk a few minutes to their bus stop

## Next steps

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- **Winter 2018** – Public reviews and offers feedback on 60/40 and 80/20 options. Comments will guide the development of the recommended plan.
- **Spring 2019** – MCTS will present the recommended plan to the public for comment. The plan will be presented to the County Board for consideration.
- **2019 to 2020** – If passed, MCTS will prepare a public awareness campaign for the recommended plan
- **Summer 2020** – MCTS implements the approved recommended plan

# Maps, Feedback & Information

RideMCTS.com/NEXT

