Madison East-West Bus Rapid Transit

Joint Campus Area Committee

February 9, 2021

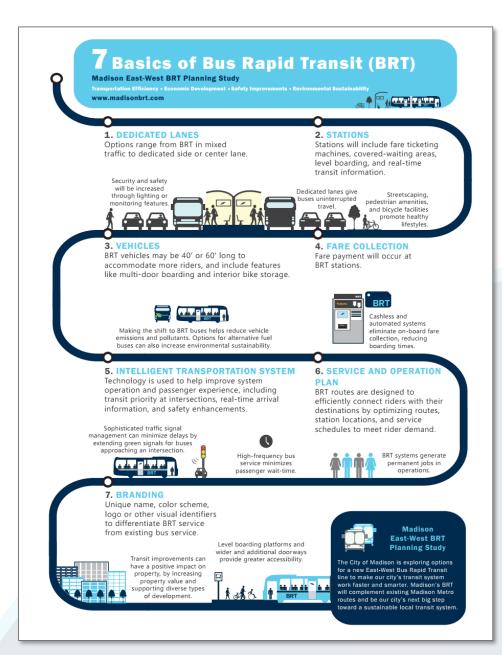
Bus Rapid Transit

- + Direct routes and fewer stops
- + Frequent, all-day service (every 10-15 minutes)
- + Bus-only lanes where feasible
- + Transit signal priority
- + Off-board fare payment
- + Branded stations and buses

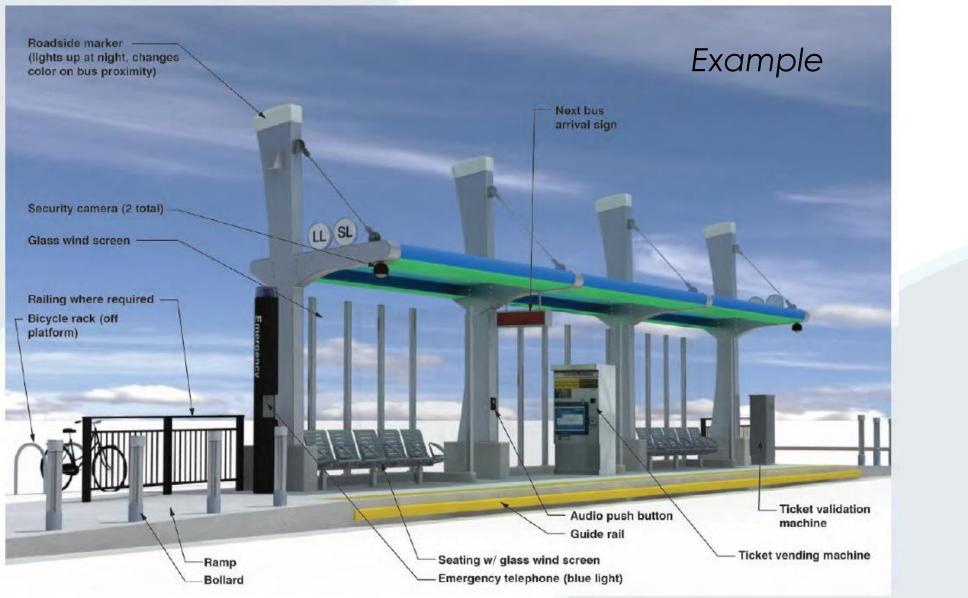


Benefits of BRT

- + Improved mobility
- + Future growth and development
- + Improved access to employment and education
- + Increased quality of life
- + More sustainable community



BRT Station Components





BRT Project - Current Status

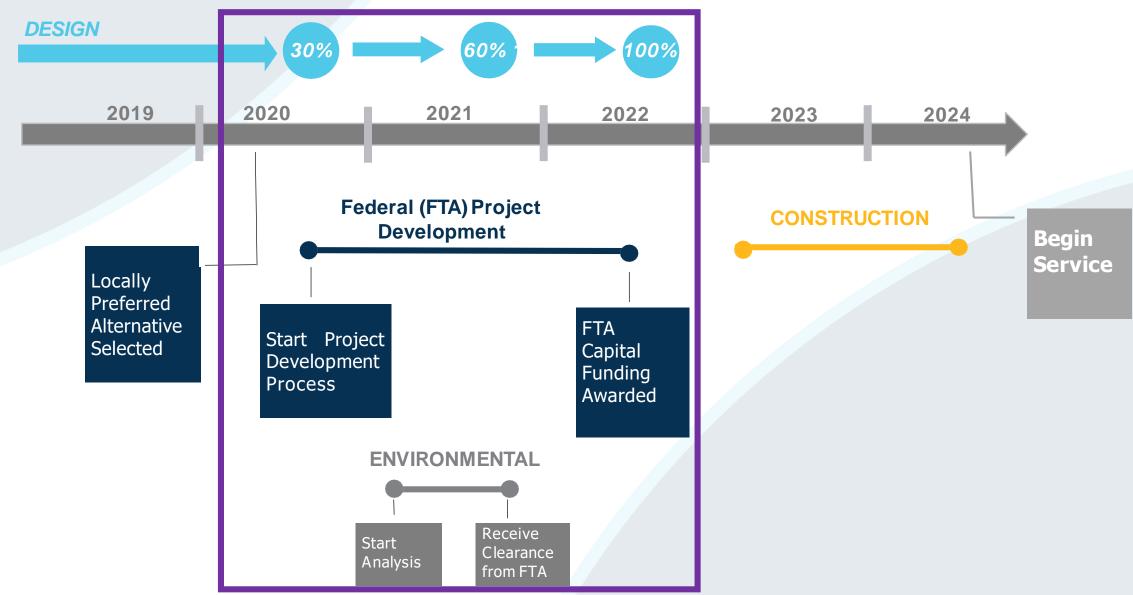
- LPA Adopted by the Common Council in January 2021.
- Federal Transit Administration approval for entry into the Small Starts program for Project Development in August 2020.
- Detailed planning and design ongoing
- Construction 2023 2024
- Open Fall 2024

LPA Report can be found on <u>www.madisonbrt.com</u>

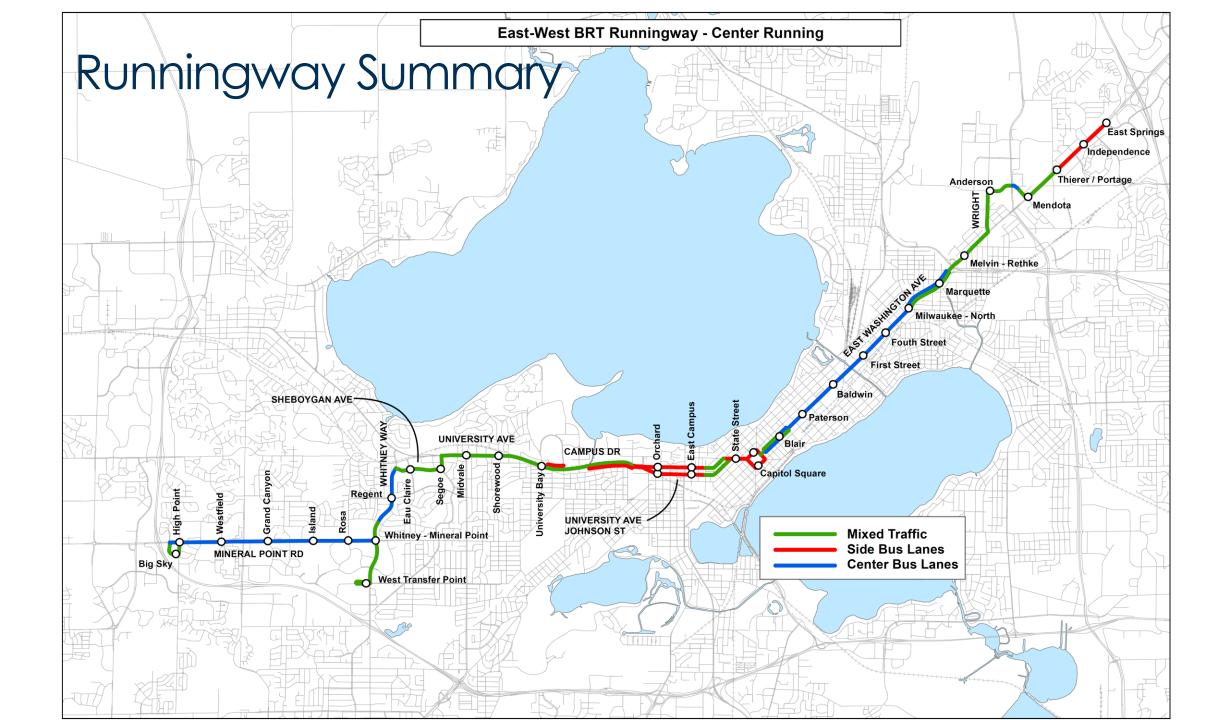


BRT Timeline

Project Development







Center Running BRT



MADISON DEPARTMENT



Center Running

- More consistent travel times
- Little to no conflicts with turning vehicles
- Little to no conflicts with bikes



- Bus lane is not blocked by delivery vehicles
- Potential cost savings due to one two-sided station instead of two stations required for side running
- Fewer right-of-way and utility issues
- Better look and feel for passengers



Eugene, OR

OG

EMX EUGENE STATION

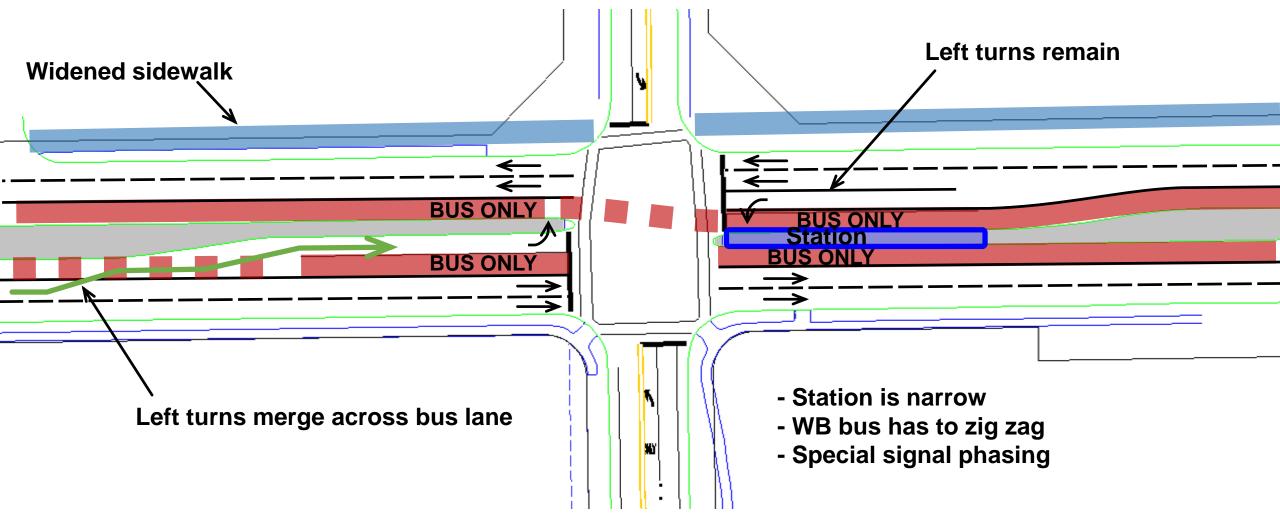
Photo: ITDP

State and

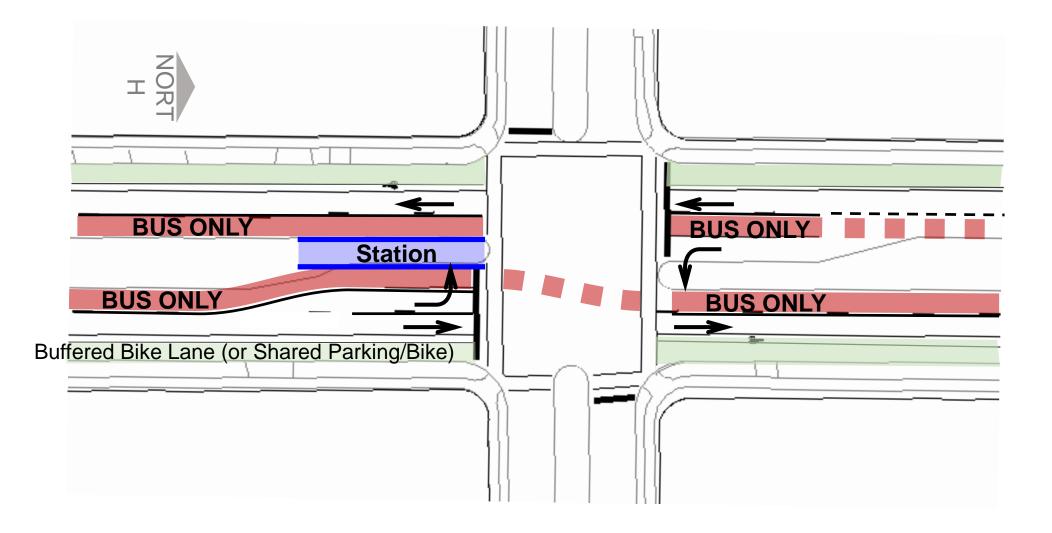
Cast/

6105

Mineral Point Road



Whitney Way



East Washington Avenue

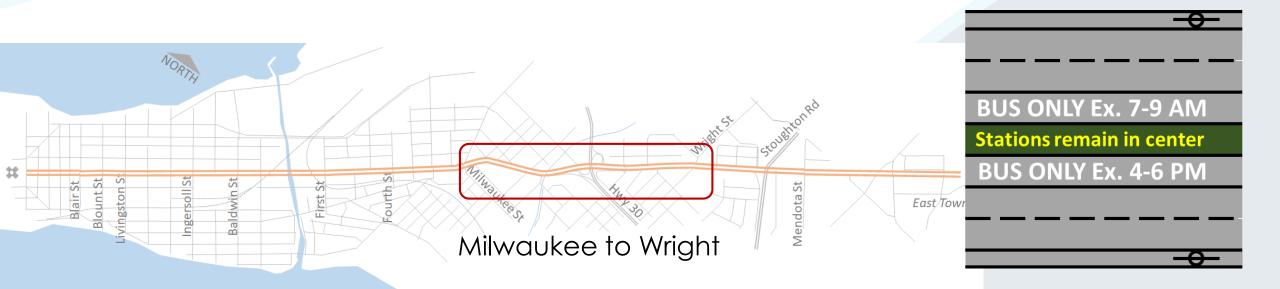
- Median lanes converted from general purpose to bus only
- Parking restricted peak periods
 - 3 lanes, no parking or bike facilities peak periods
 - 2 lanes with parking and bike lanes off peak
- Left turns merge through bus lanes, some left turn restrictions
- Center stations with left-side doors

NO PARKING: 6-9 AM, 3-6 PM



East Washington Avenue

- Median lanes converted from general purpose to bus only off peak
- Two general-purpose travel lanes each way off peak, three general-purpose lanes peak periods
- Center stations with left-side doors



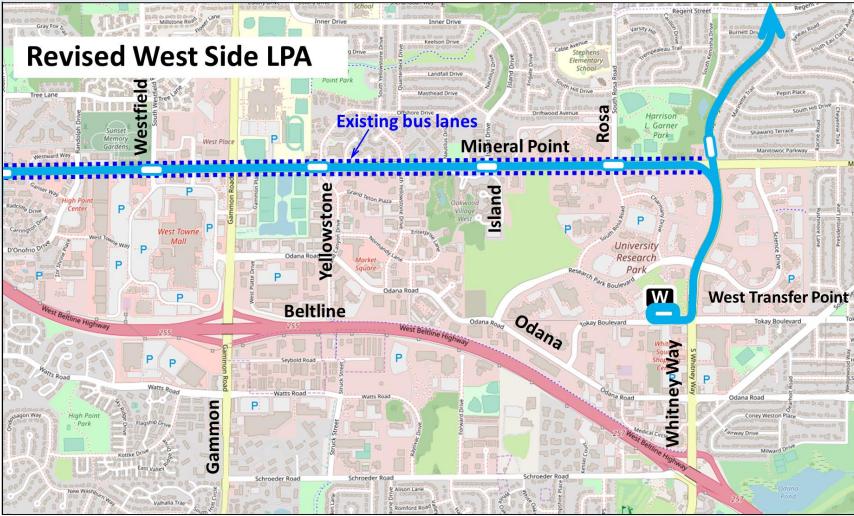
Left Turn Restrictions



MADISON DEPARTMENT

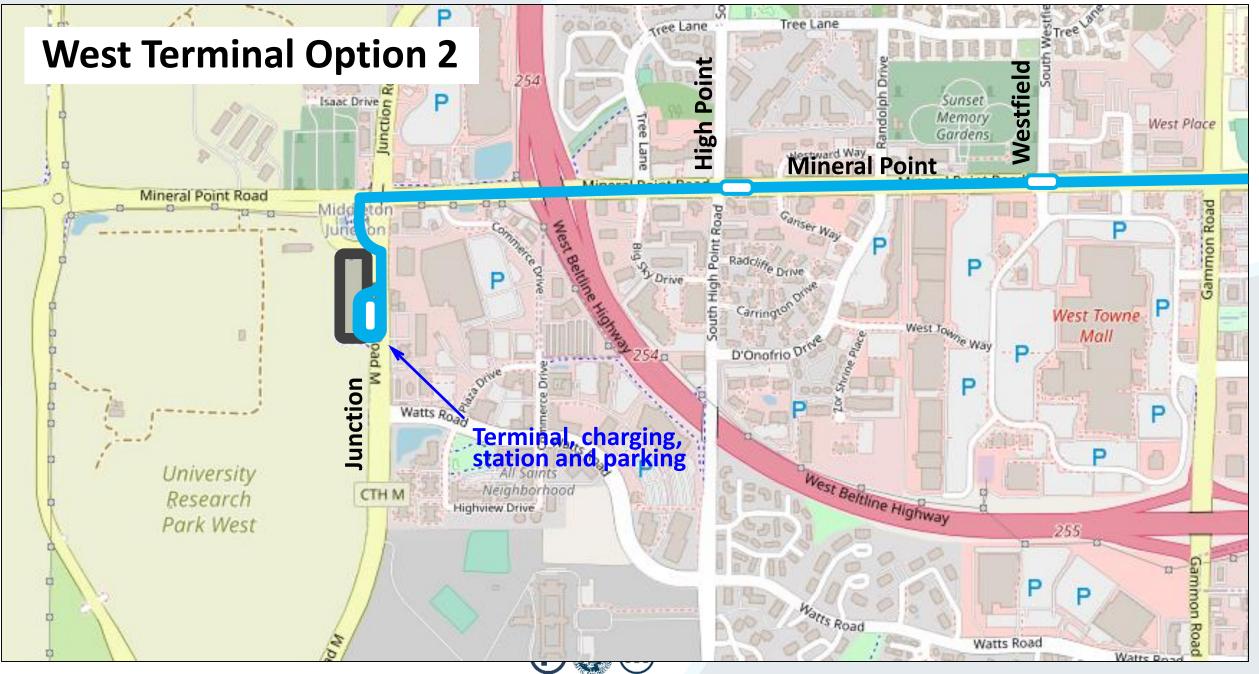


West Side



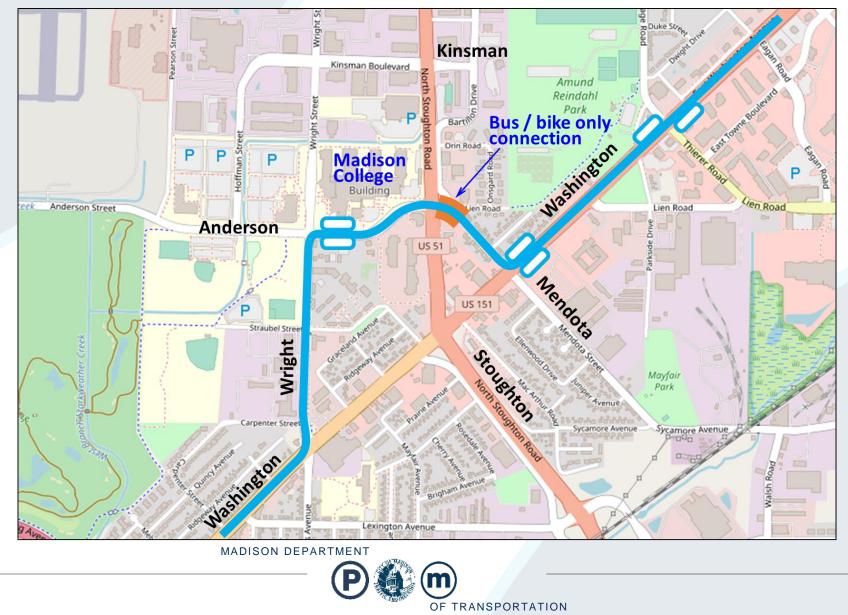
MADISON DEPARTMENT



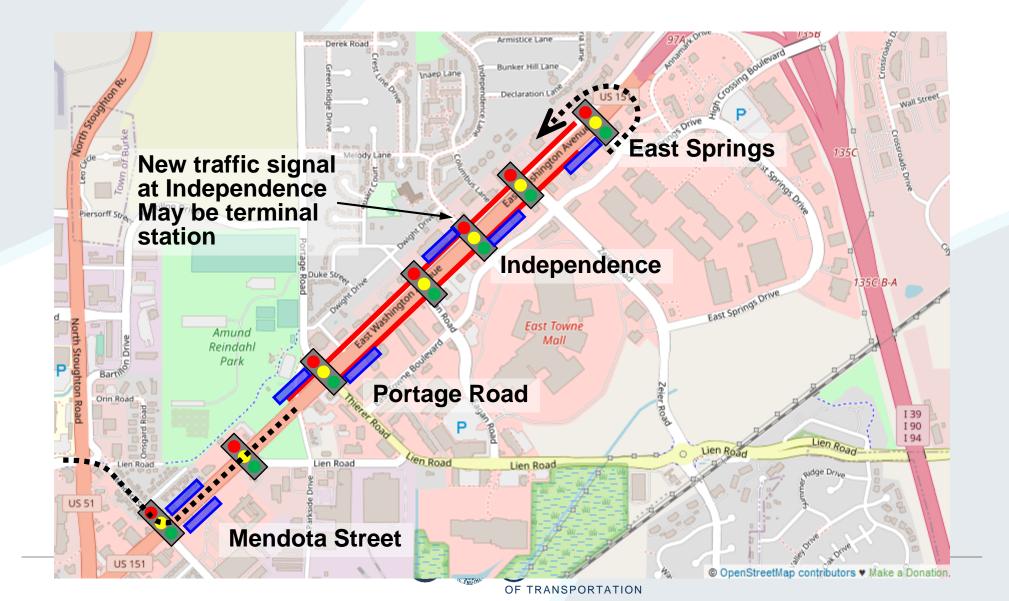


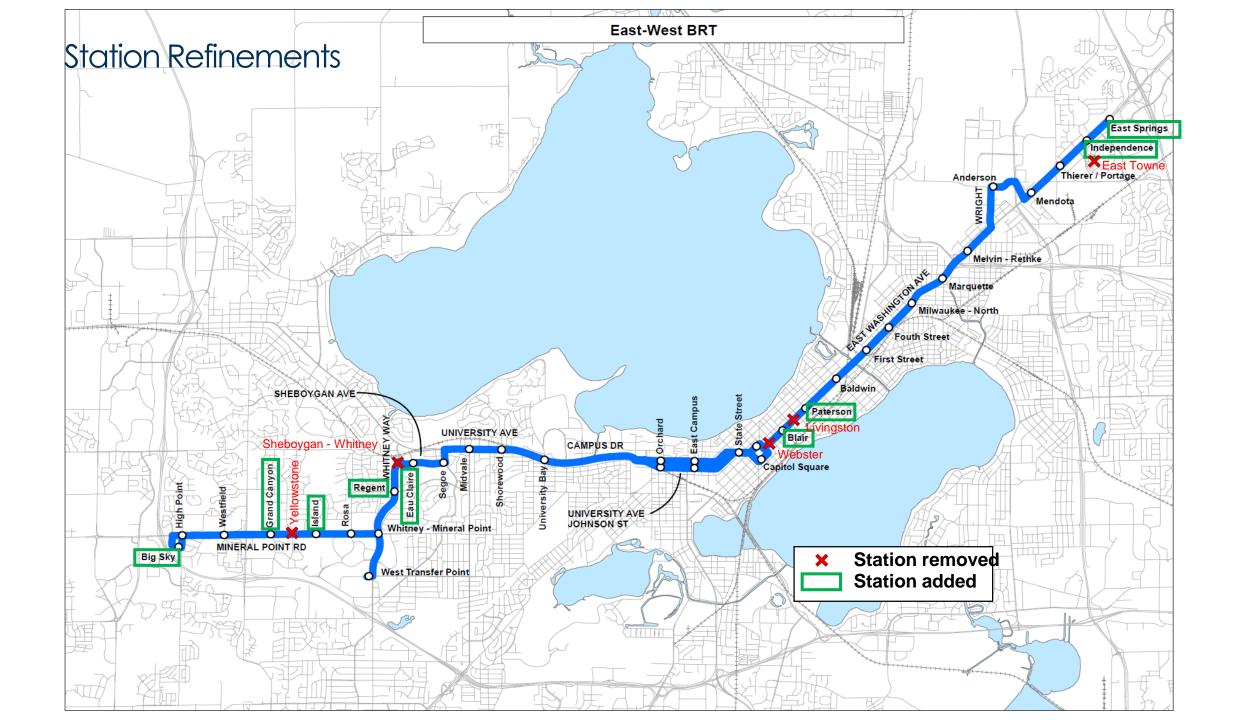
OF TRANSPORTATION

Mendota Street Route

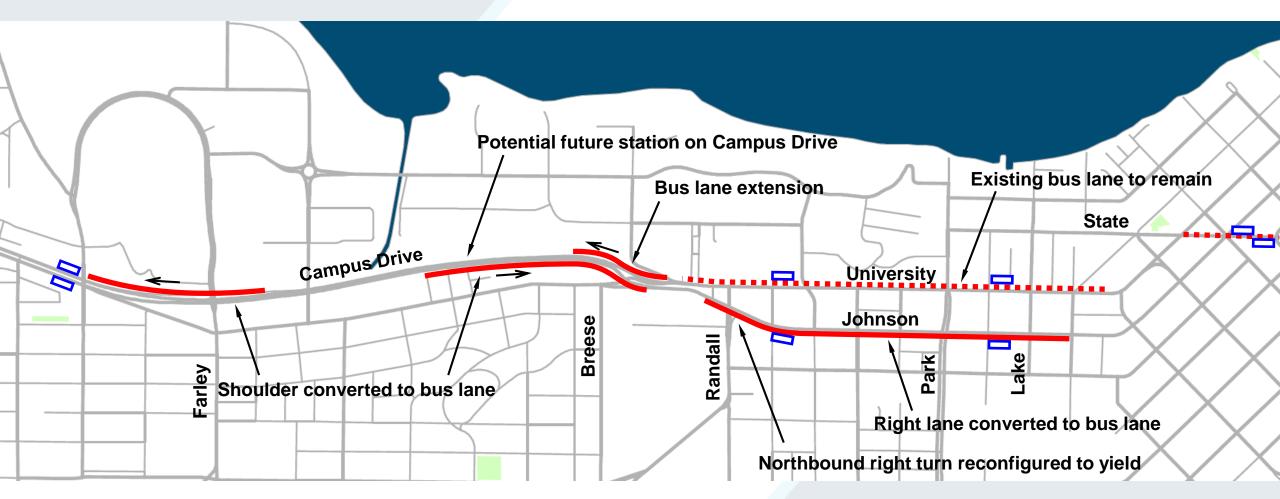


East Terminal

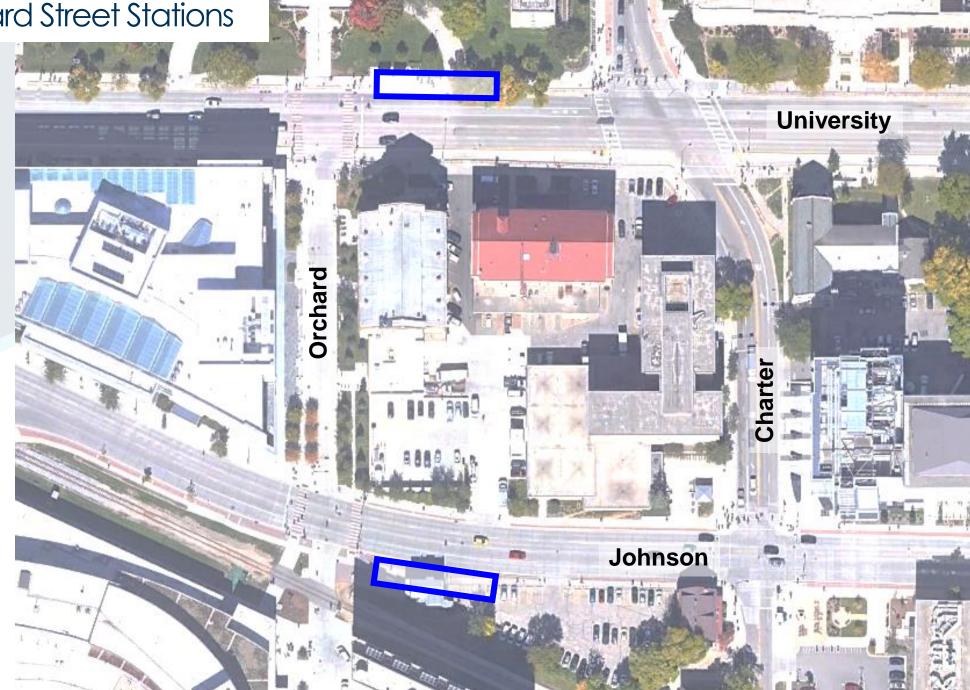




Runningway Improvement Summary

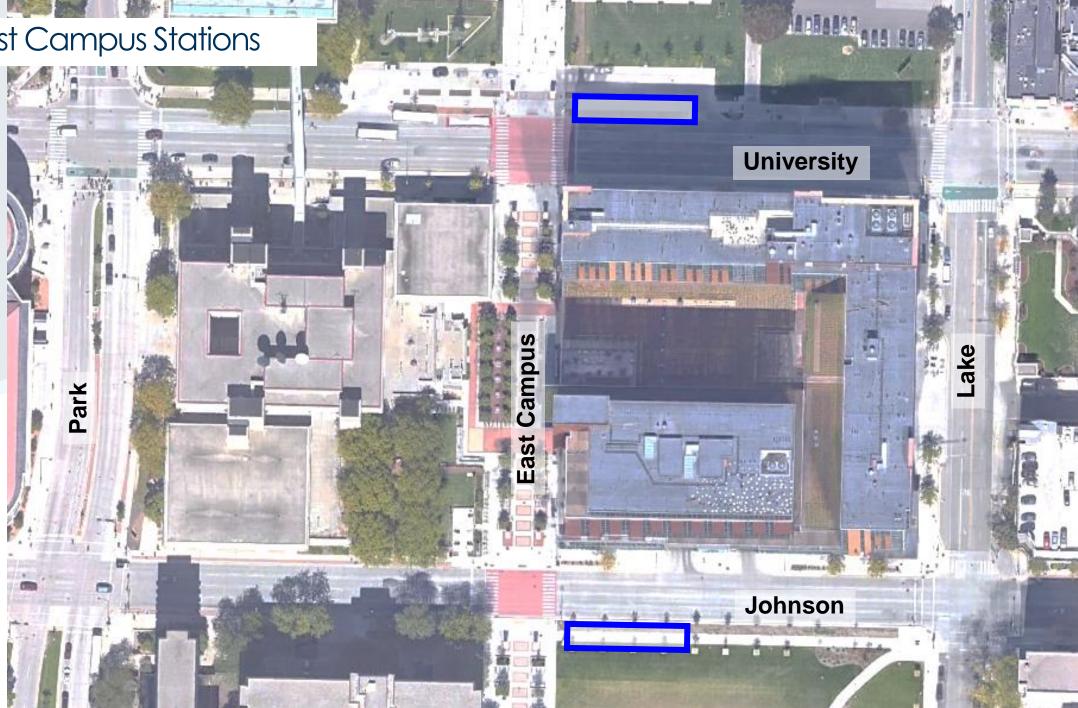


Orchard Street Stations



Randall

East Campus Stations



State Street Stations

