



# Metro Rapid Bus Rapid Transit

30 Percent Design

September 29, 2021 6:00 pm



**AECOM**



# Introductions

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**Mayor Satya Rhodes-Conway**

**Tom Lynch**, Director of Transportation

**Justin Stuehrenberg**, Metro Transit General Manager

**Mike Cechvala**, City of Madison Transportation

## Consultant Team

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**AECOM** – Project Lead



**Strand** – Engineering



**Urban Assets** – Community Engagement



## Agenda

- 1 • **Project Background**
- 2 • **Metro Rapid East-West Line**
- 3 • **30% Design**
- 4 • **Environmental Planning**
- 5 • **Questions and Comments**
- 6 • **Wrap Up**

# 30% Design Community Meetings

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**September 29<sup>th</sup> – Metro Rapid Progress Update – 30% Design**

October 7 – East side focus

October 14 – West side focus

October 21 – Downtown and UW campus focus

**Visit the project website for meeting links  
[MadisonBRT.com](http://MadisonBRT.com)**

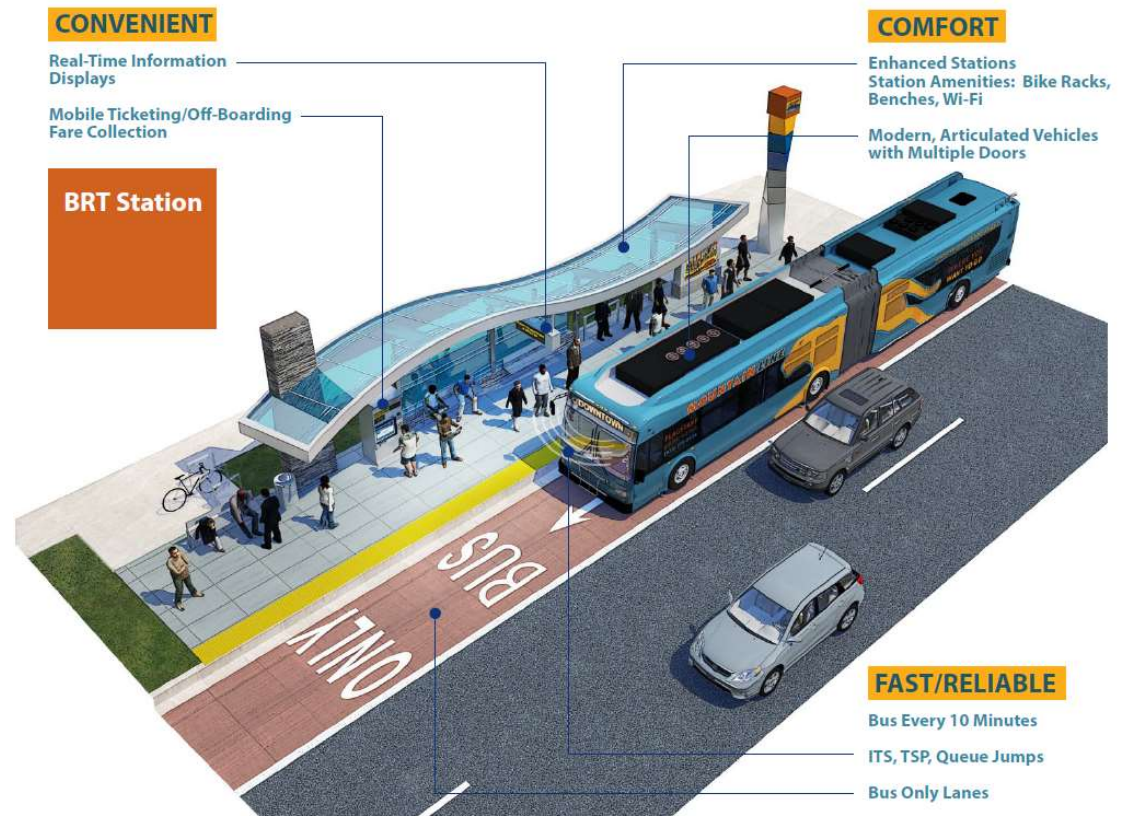
# Project Background

## Review



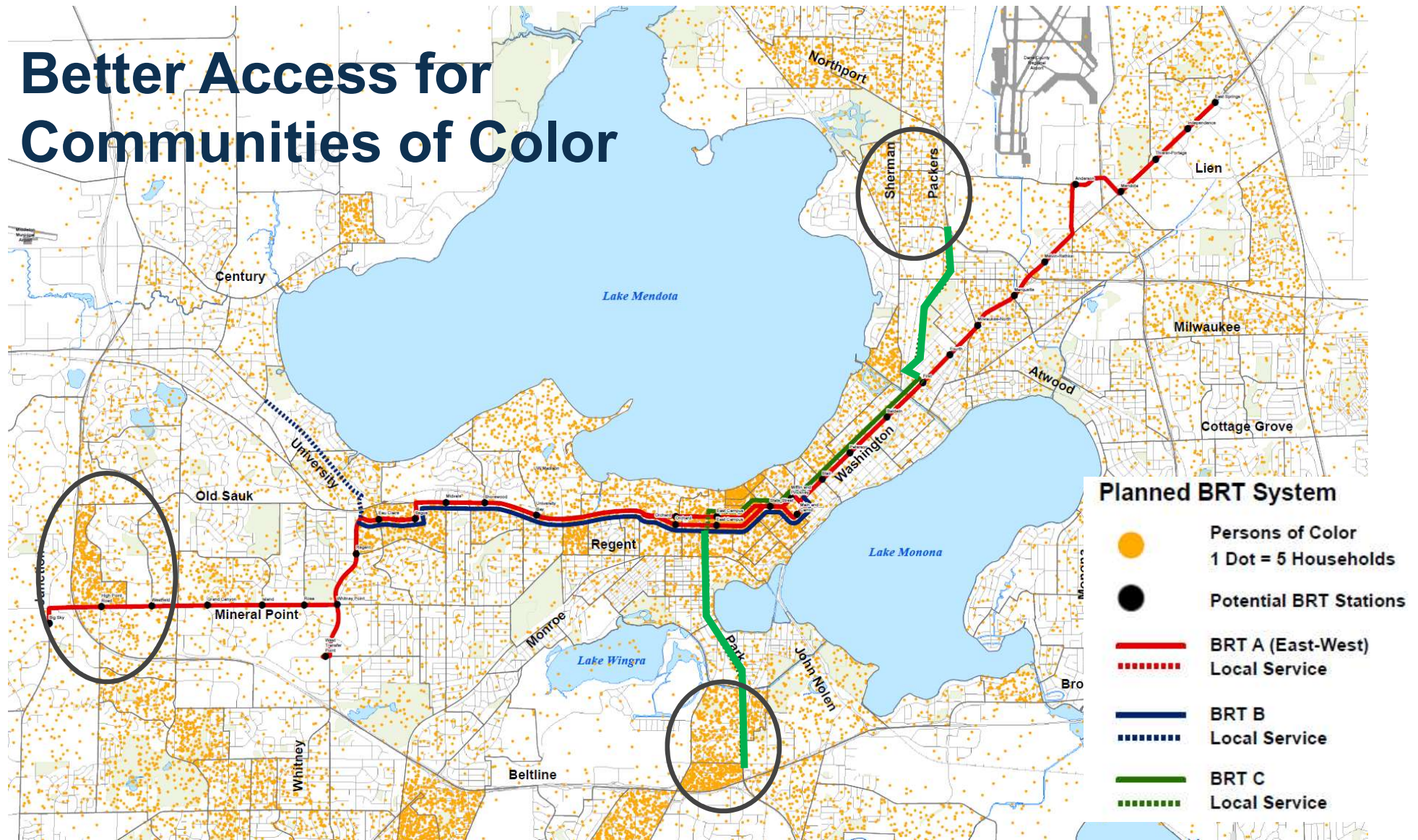
# Bus Rapid Transit

- Direct routes and fewer stops
- Frequent, all-day service
- Bus-only lanes
- Branded stations & buses
- Transit signal priority
- Faster fare payment



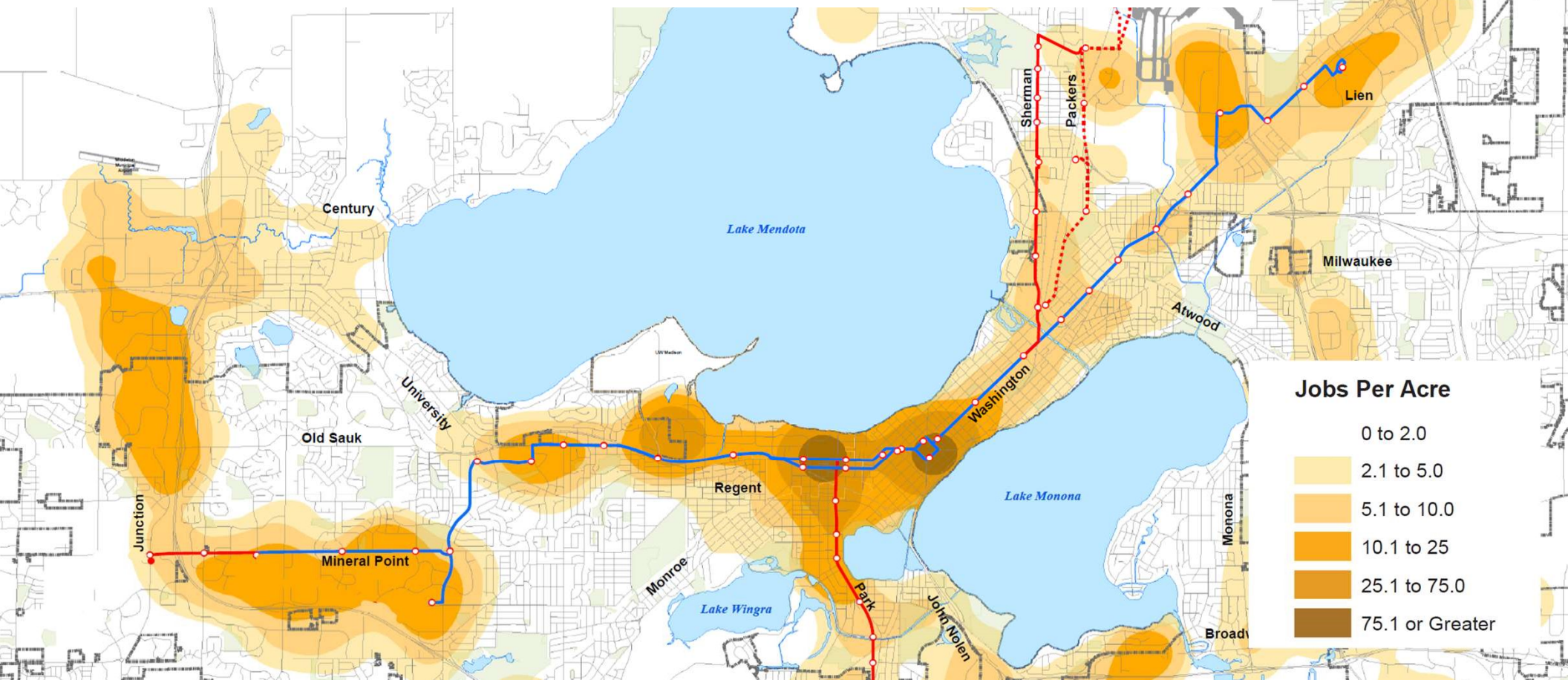


# Better Access for Communities of Color





# Connects Key Employment Centers to Other Employment Centers and Workers





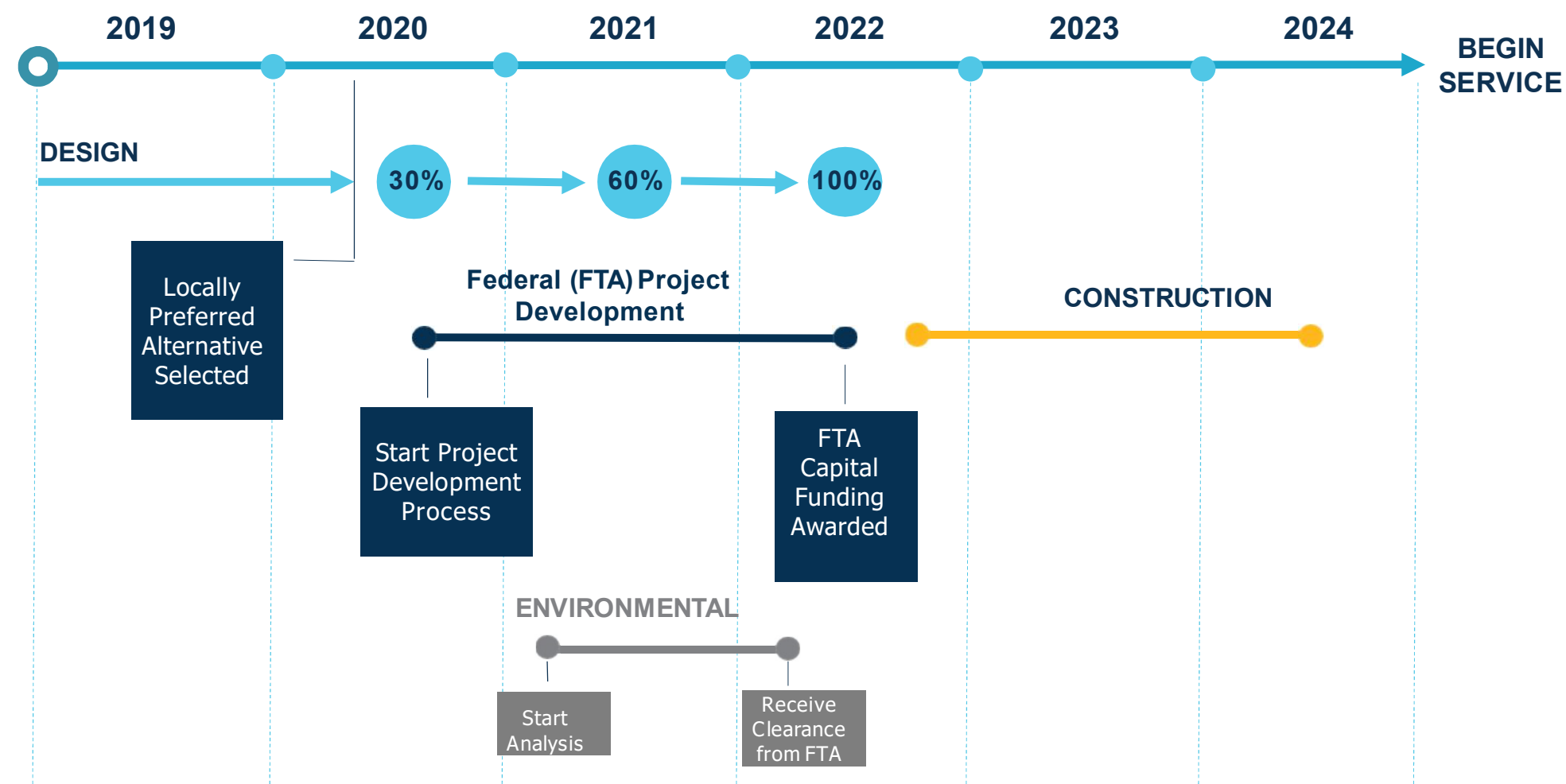
# Metro Rapid East-West Line

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- 15.5 Miles, 32 stations
- 5 am to 12 am on weekdays with buses every 5 to 15 minutes
- 7 am to 11 pm on weekends with buses every 15 to 30 minutes
- Approximately 83,000 residents within ½ mile of station
- Approximately 110,000 jobs within ½ mile of station
- 4 hospitals and 2 major education institutions



# BRT Timeline - Project Development



# 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 by increasing access and frequency, decreasing travel times, and improving the quality of transit riders' experience.

## Project Goals



More Access



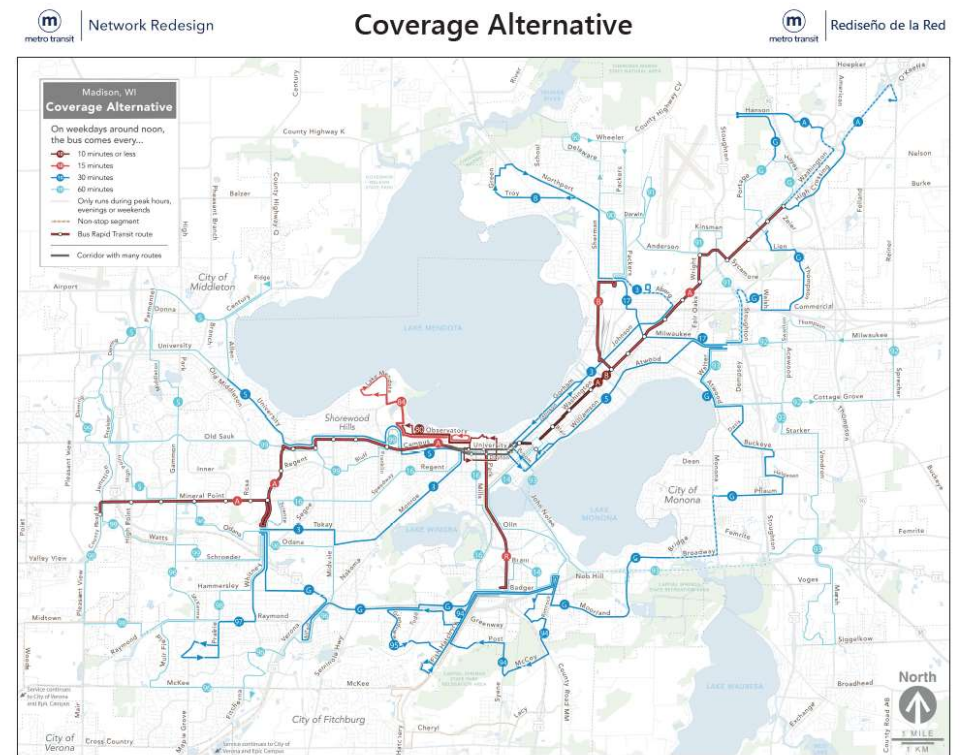
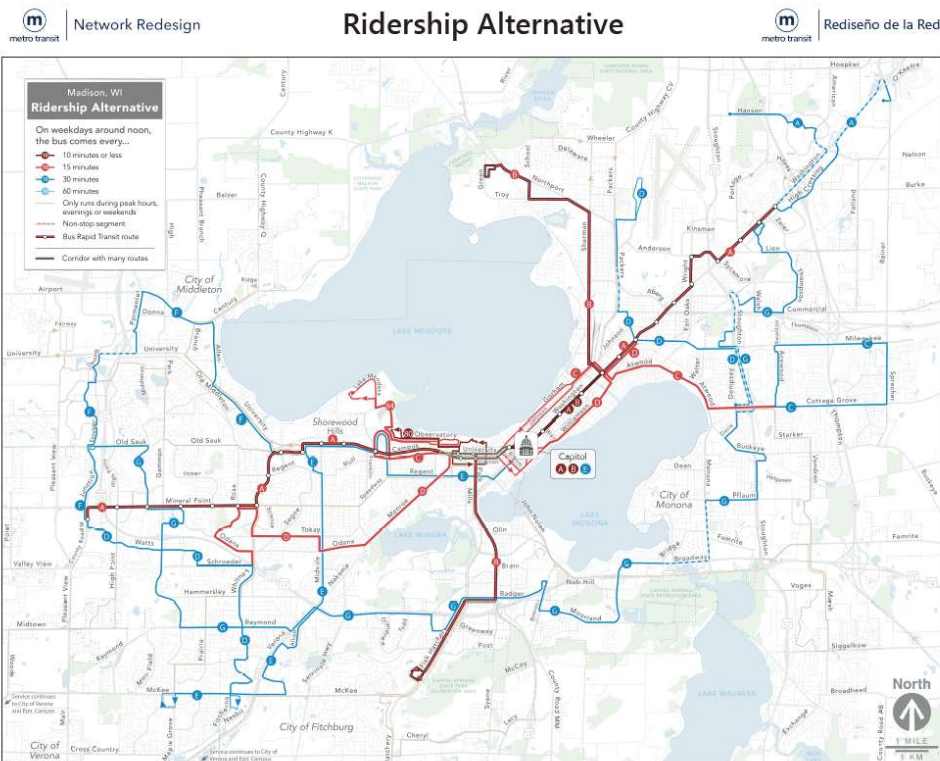
Faster Routes



Better Experience

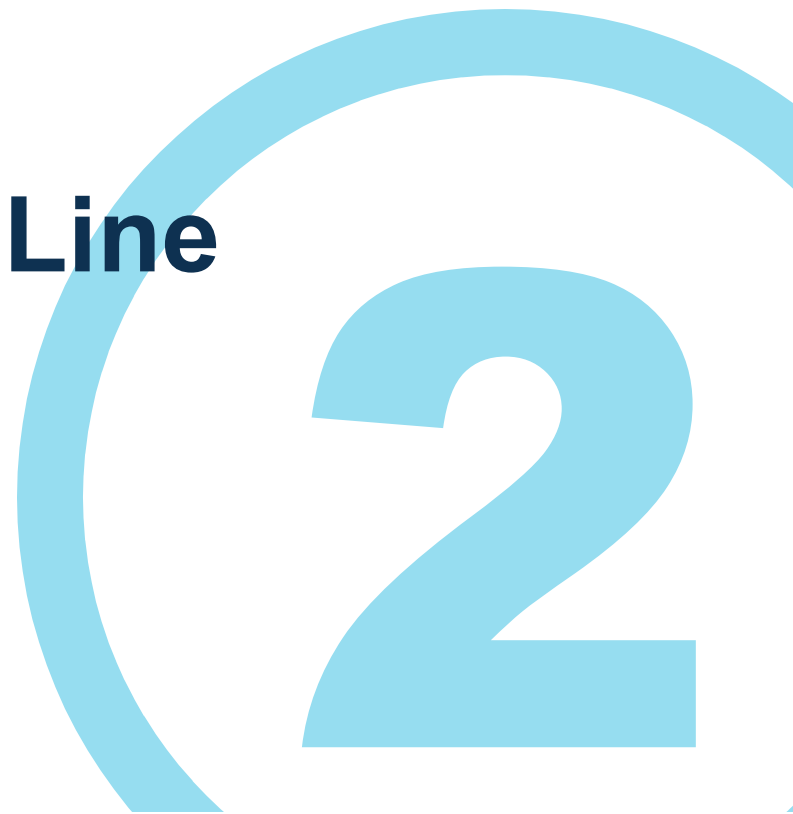
- [mymetrobus.com/Redesign](https://mymetrobus.com/Redesign)
- [MetroRedesign@cityofmadison.com](mailto:MetroRedesign@cityofmadison.com)

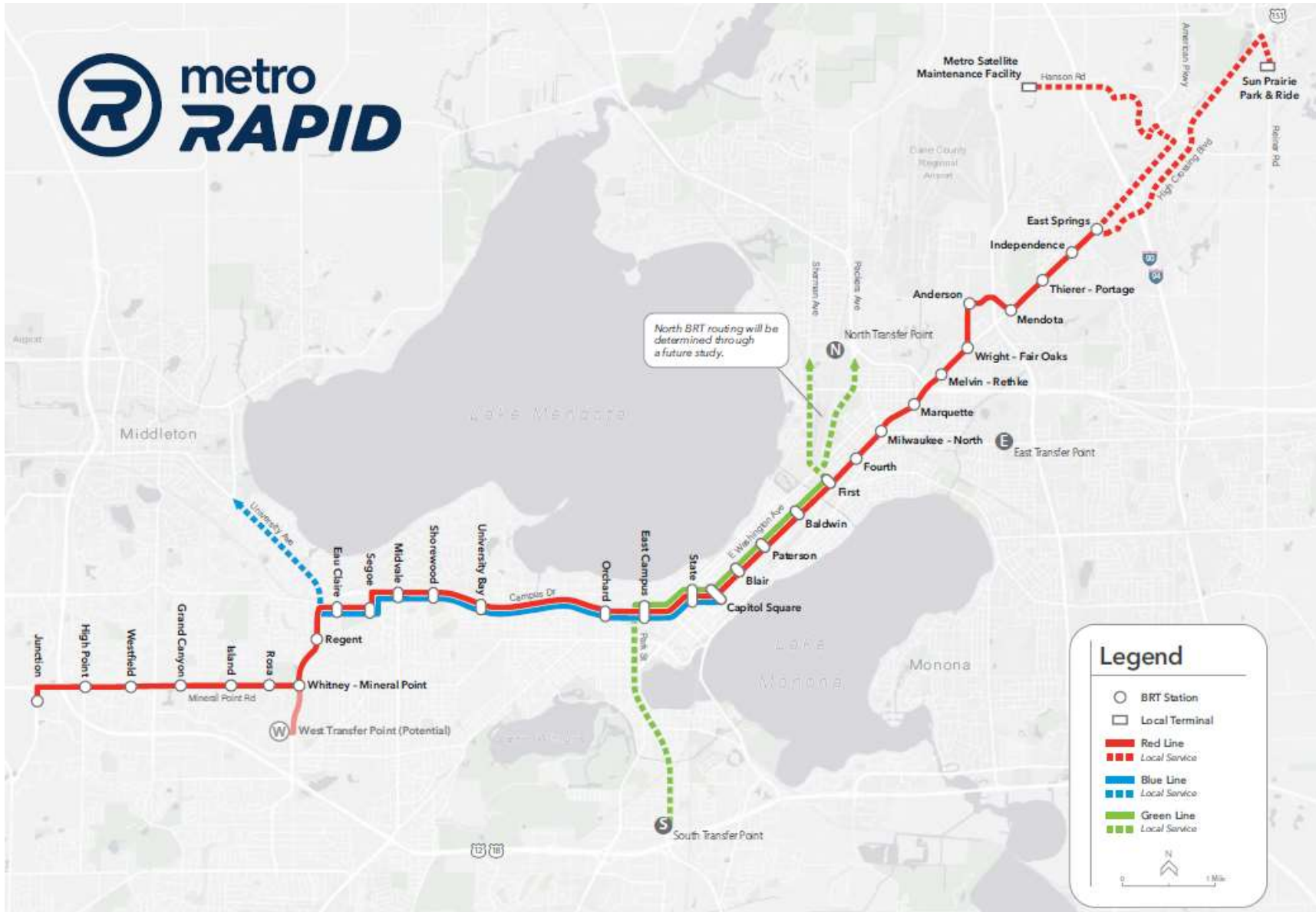
# Two Network Alternatives



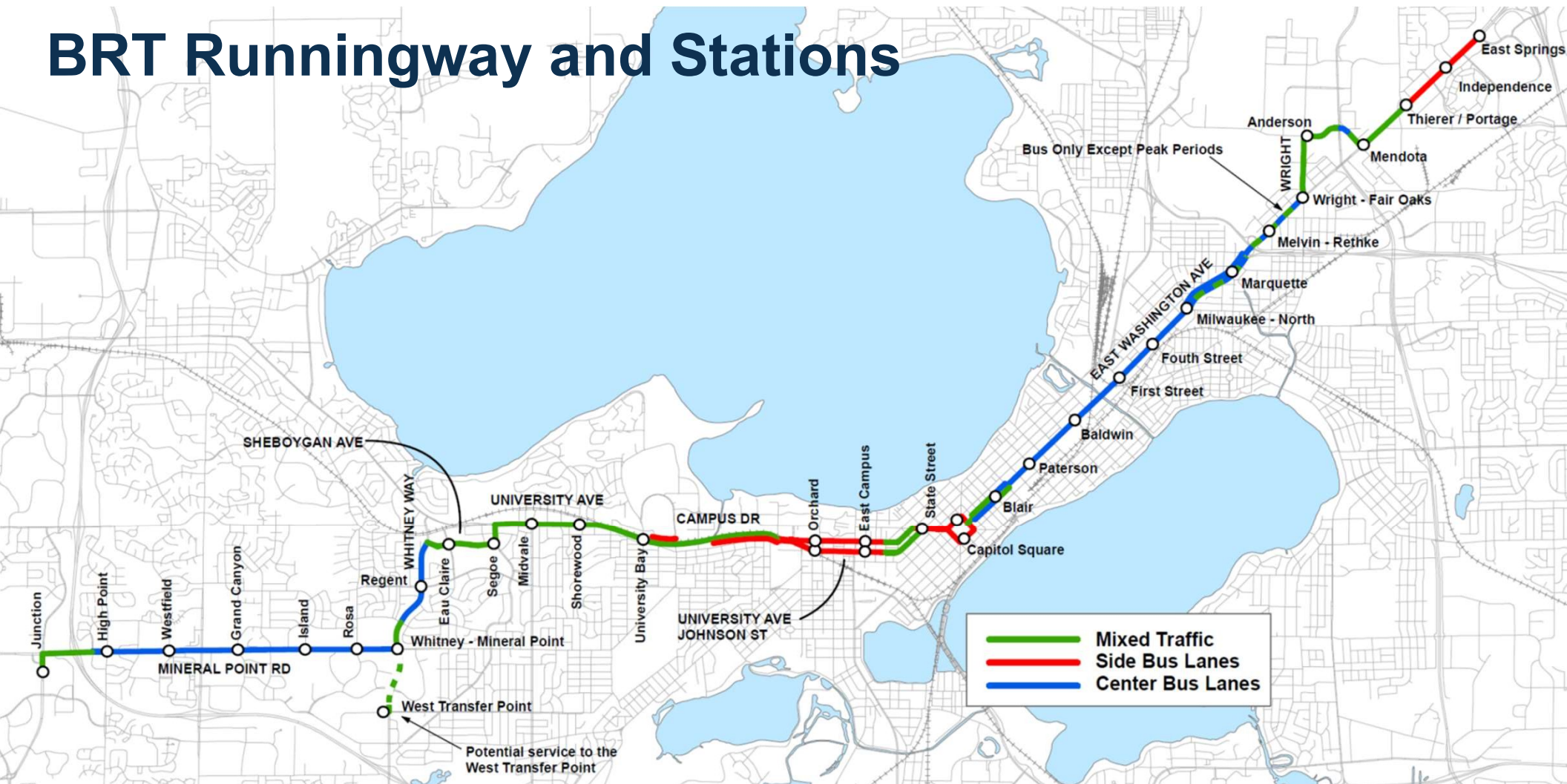


**Metro Rapid East-West Line**





# BRT Runningway and Stations



# **30% Design**

**Roll plots available online:**

**[MadisonBRT.com/project-documents](http://MadisonBRT.com/project-documents)**





# MadisonBRT.com/project-documents

## Meeting Links

- [Zoom Meeting Link](#) 
- [Watch Meeting](#)

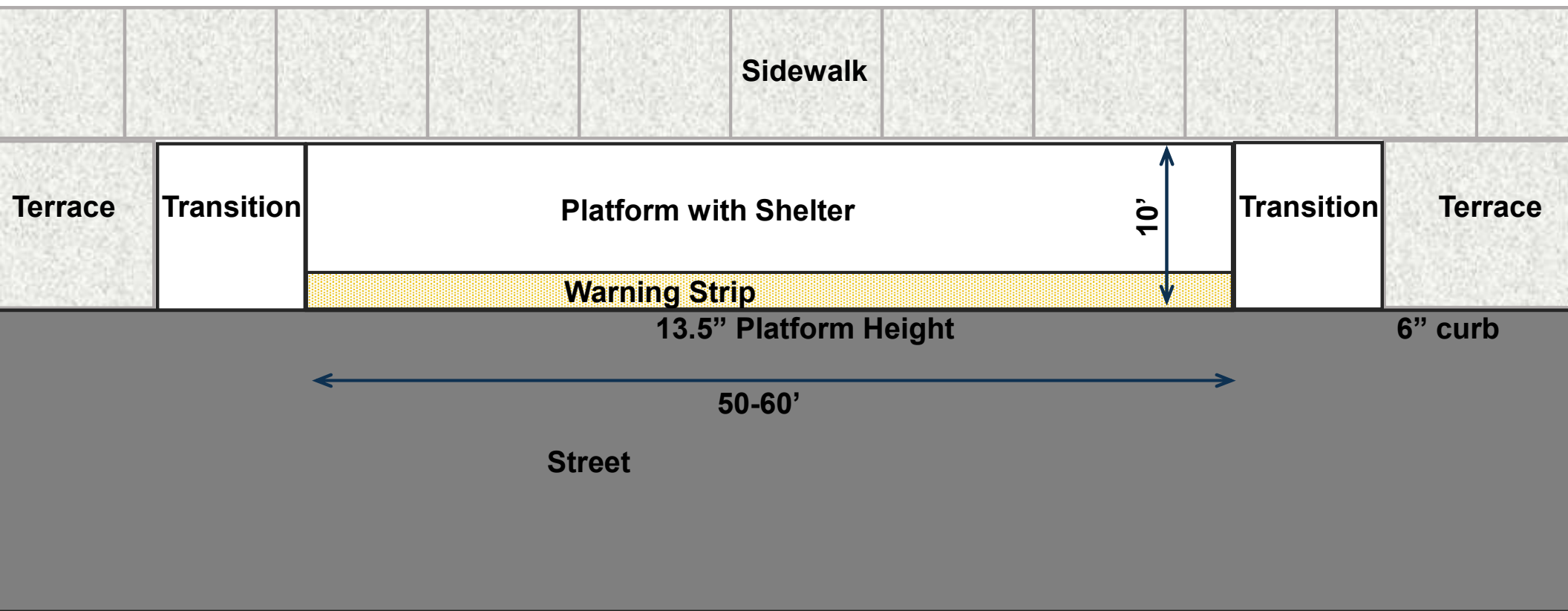
## Meeting Materials/Roll Plots

- [Downtown](#) *PDF* 
- [East Towne](#) *PDF* 
- [Isthmus](#) *PDF* 
- [Mineral Point](#) *PDF* 
- [University Ave.](#) *PDF* 
- [Whitney Way](#) *PDF* 

# Station and Shelter Design



# Station and Shelter Design

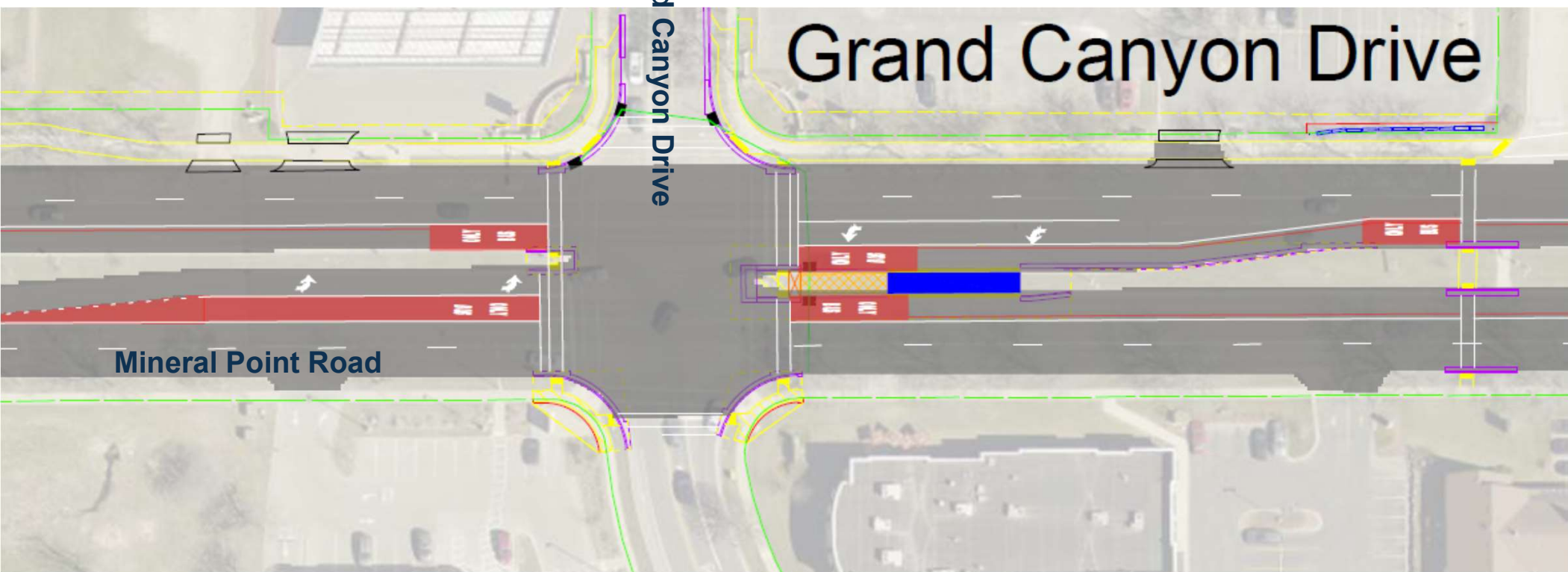




Grand Canyon Drive

Grand Canyon Drive

Mineral Point Road

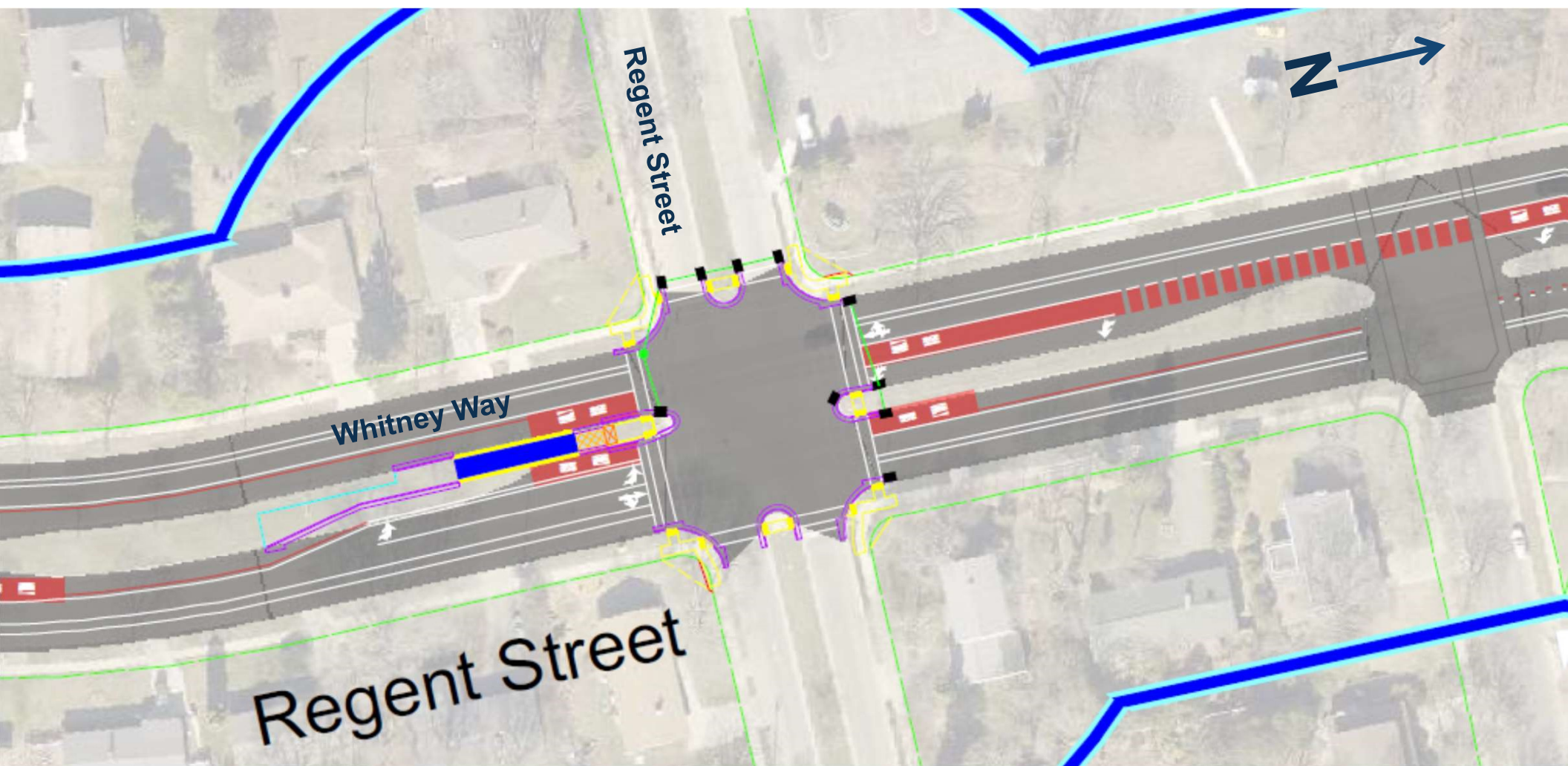




# Mineral Point at Island



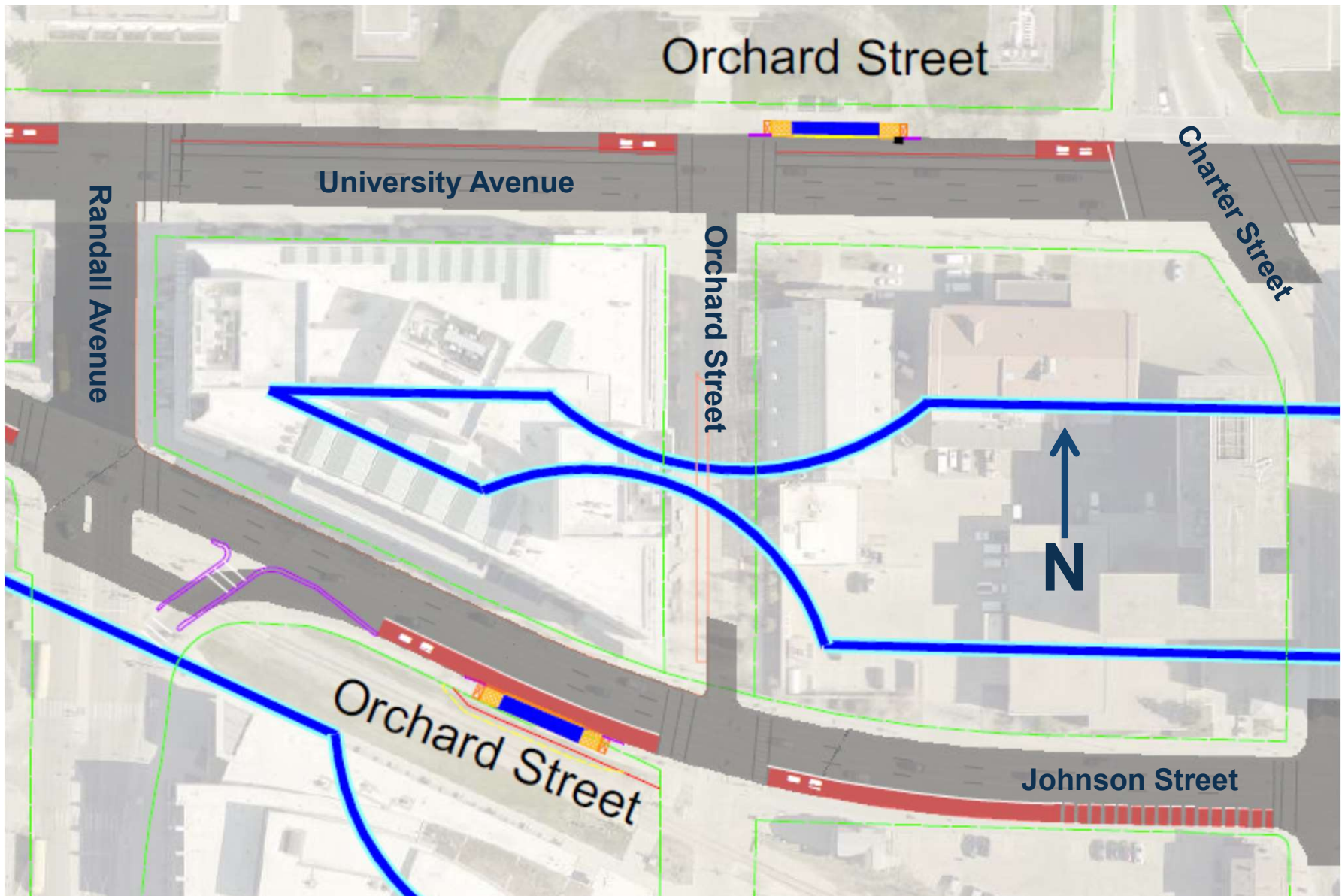




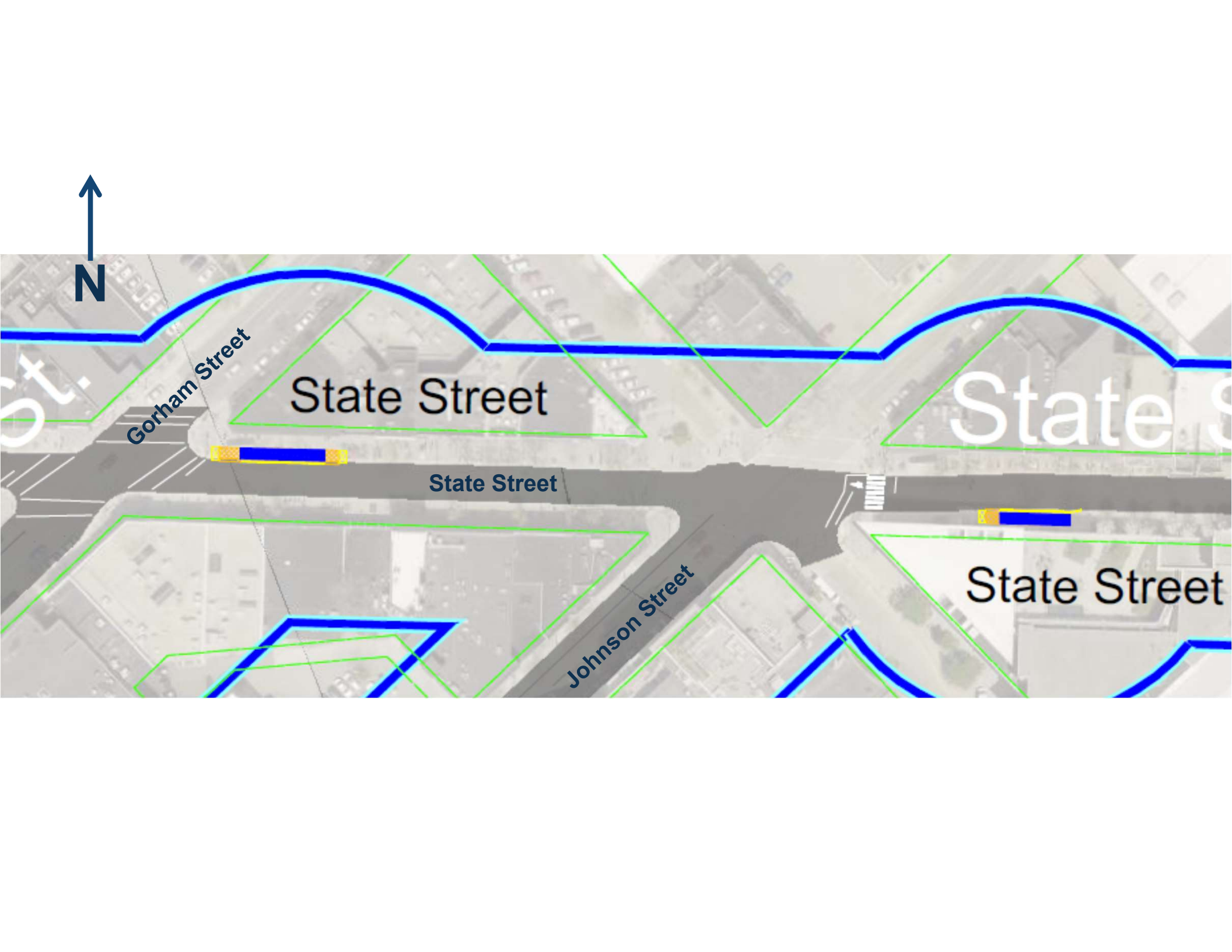




**Whitney Way at Regent Street**







Gorham Street

State Street

State Street

Johnson Street

State S

State Street





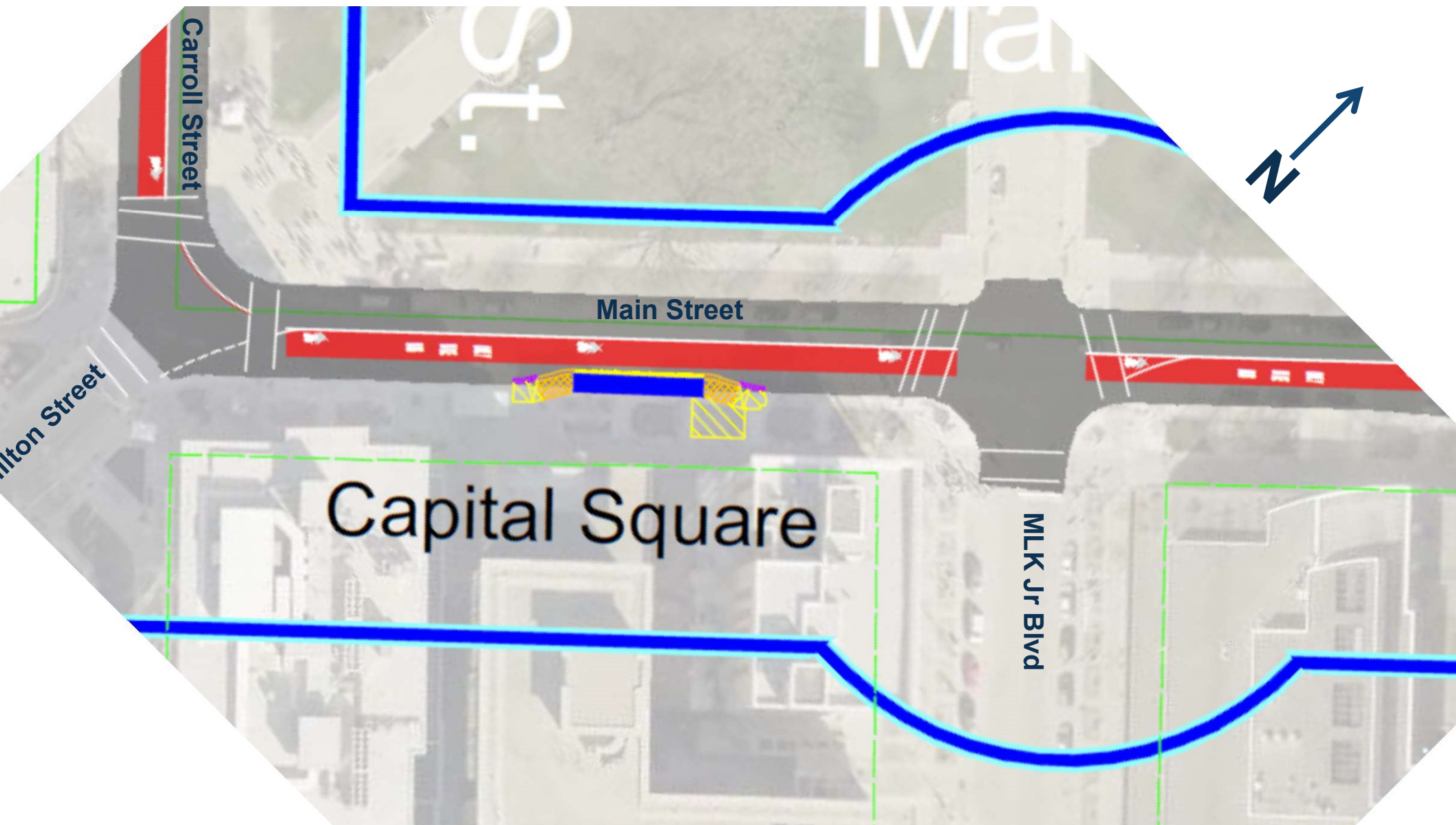
**Eastbound State Street**





**Westbound State Street**









**Capitol Square**

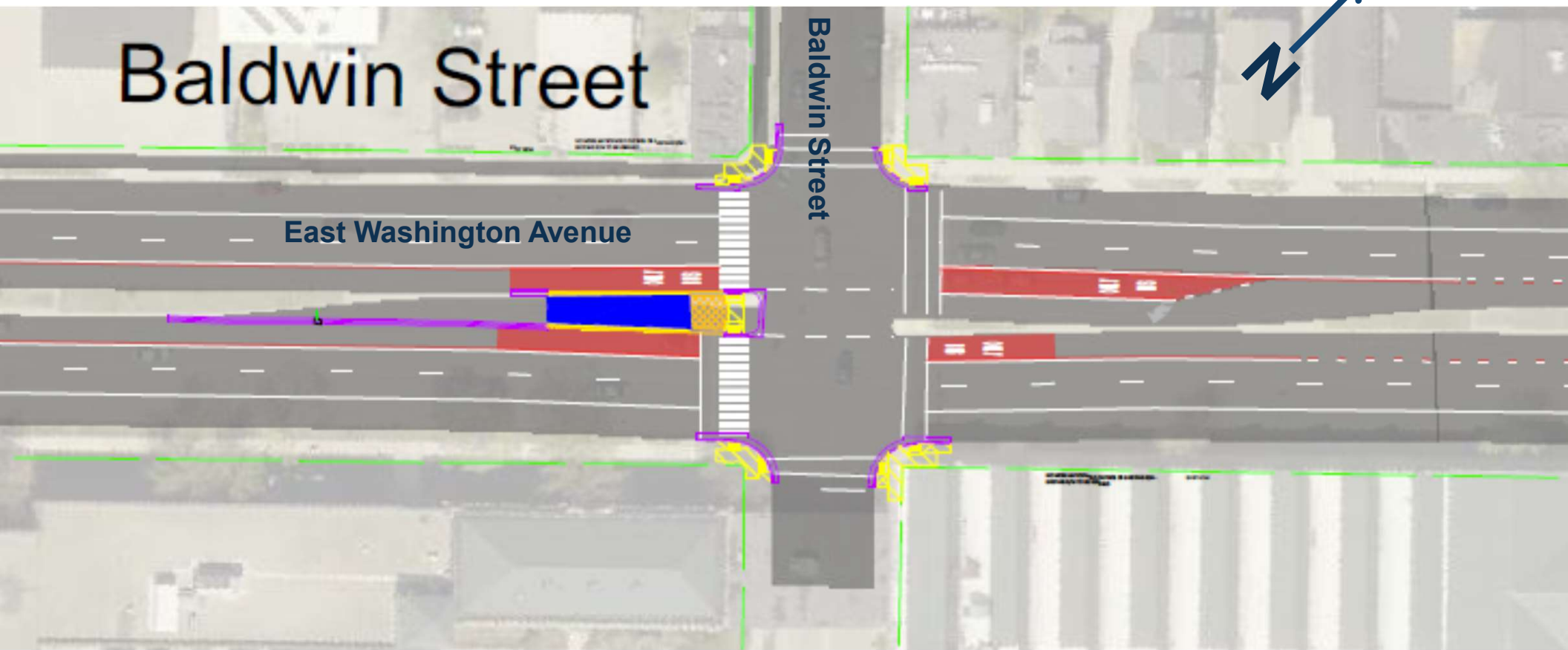




Baldwin Street

Baldwin Street

East Washington Avenue





**Baldwin Street**

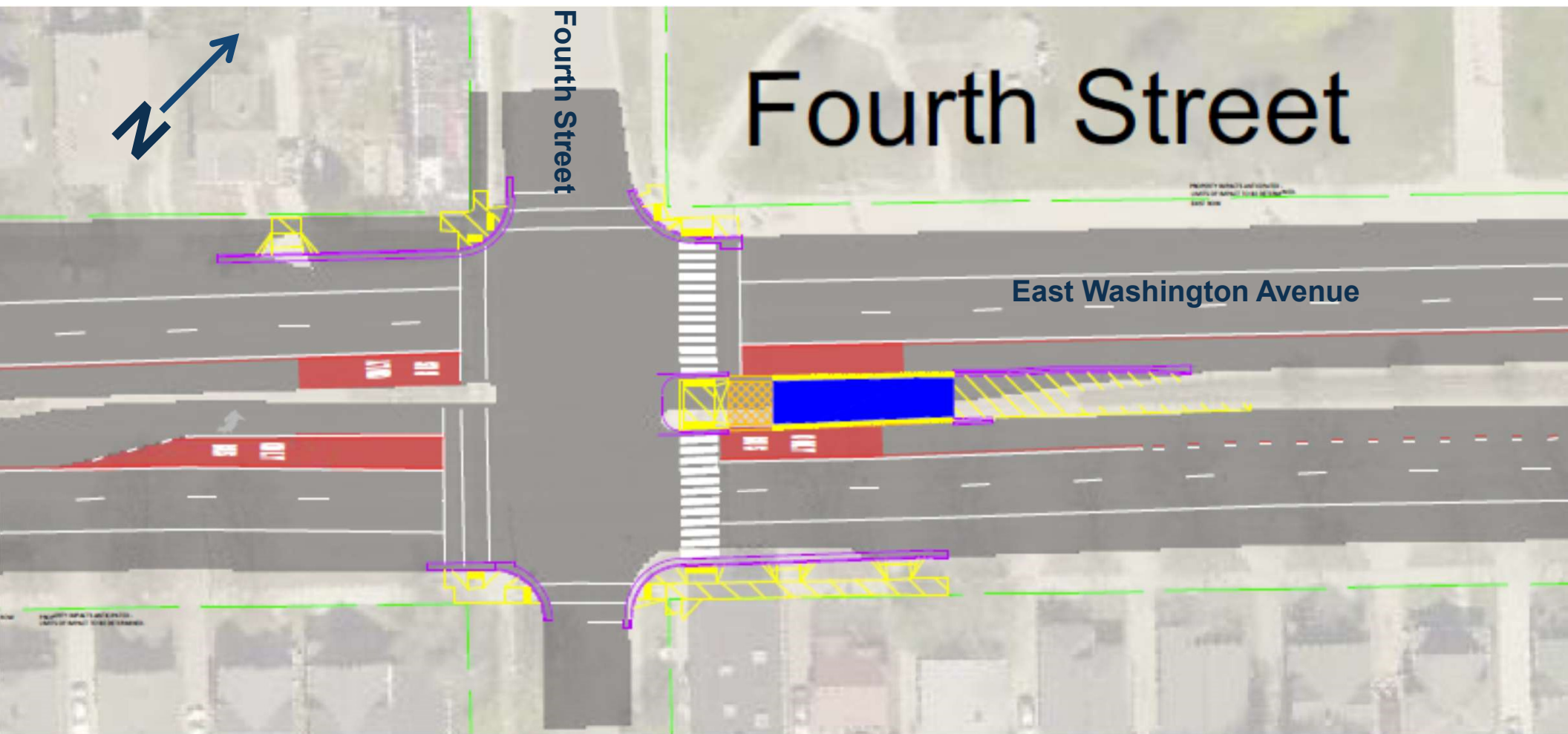




Fourth Street

# Fourth Street

East Washington Avenue

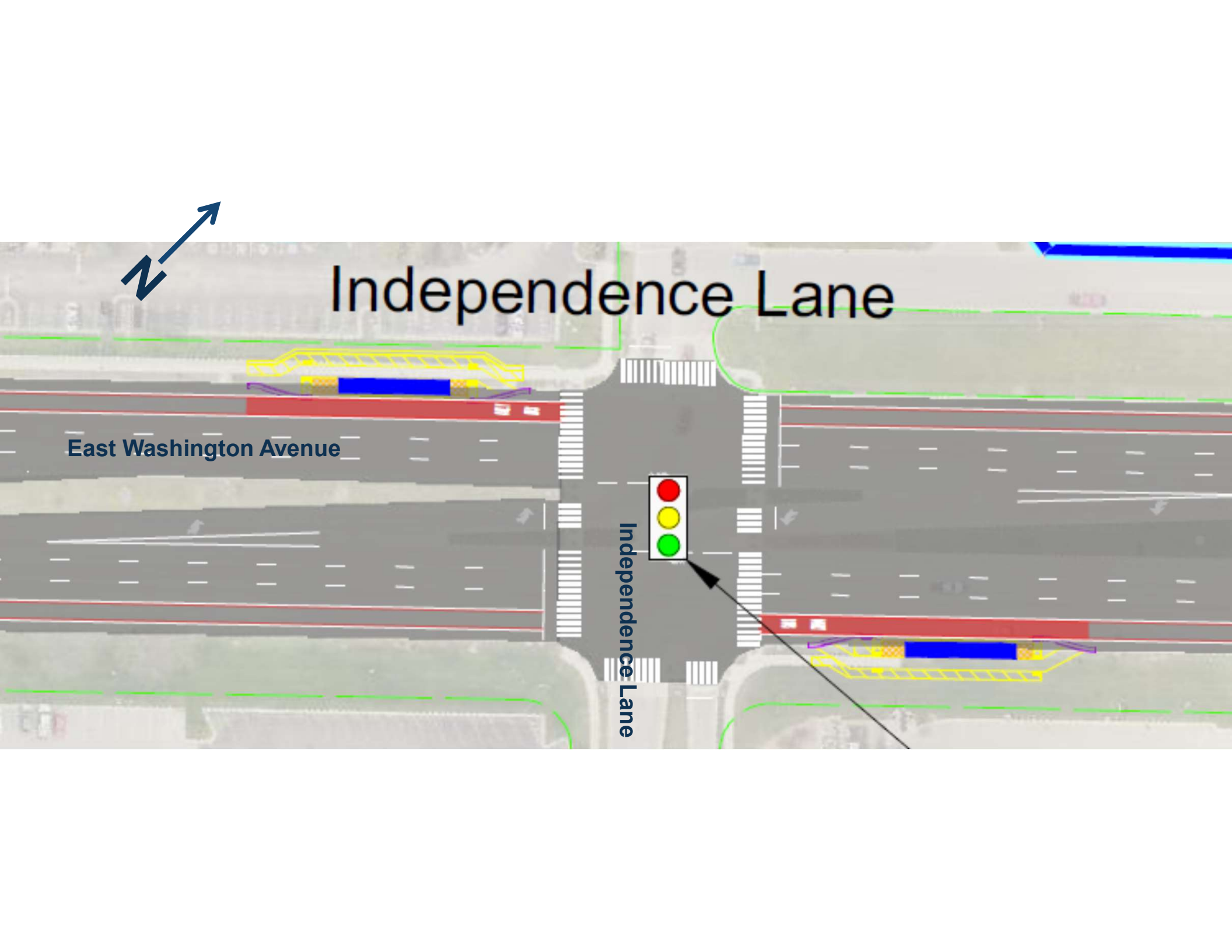




# Fourth Street







Independence Lane

East Washington Avenue

Independence Lane



**Environmental Planning**



# NEPA Section 106

## Historic & Cultural Resources in East-West BRT Corridor

- Federal agencies must consider effects to historic properties
- A “historic property” is a property or district of properties listed on or determined eligible for listing on the National Register of Historic Places
- A historic property may be affected if the project may directly or indirectly cause alternations in its character or use (within the project’s “Area of Potential Effects”)

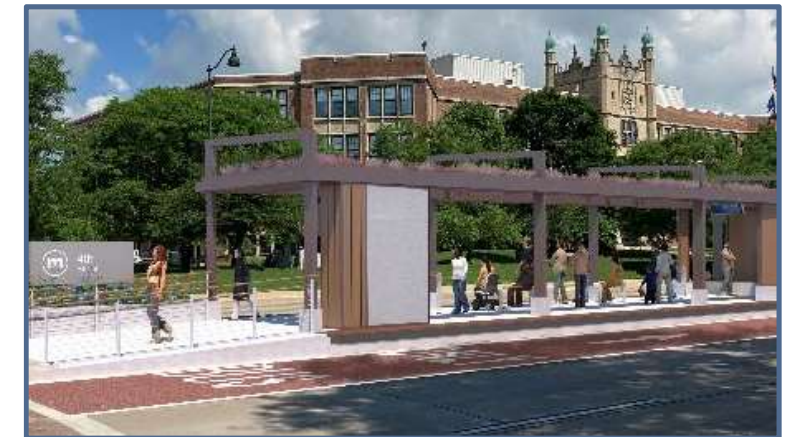
*Proposed State Street Station*

*Proposed Regent Street Station in the Hill Farms Historic District*



## Identified Historic Properties in the Project's Area of Potential Effect

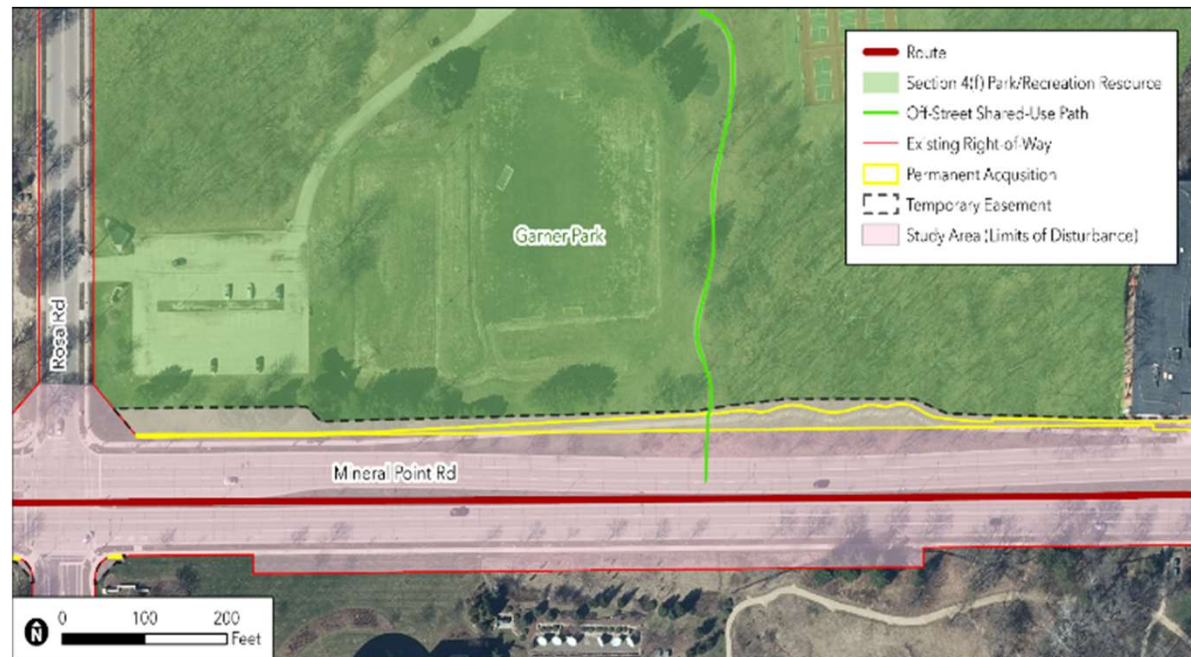
- University Hills Farms Historic District – Listed on the National Register
- Bascom Hill Historic District – Listed on the National Register
- State Street Historic District – Determined eligible for the National Register
- Wisconsin State Capitol – Listed on the National Register and a National Historic Landmark
- Dane County Courthouse/Madison City Hall – Determined eligible for the National Register
- St. Patrick's Roman Catholic Church – Listed on the National Register
- Breese Stevens Municipal Athletic Field – Listed on the National Register
- Kleuter Wholesale Grocery Warehouse – Listed on the National Register
- Gisholt Machine Company – Determined eligible for the National Register
- Madison East High School – Determined eligible for the National Register



# Parks Impact – Section 4(f)

## Parks and BRT

- Federal transportation projects must minimize harm to parks, wildlife refuges, and historic properties.
- The BRT project will permanently require 0.27 acres of land from Garner Park to build a new trail along the park's south edge. Temporarily, 0.58 additional acres will be needed for construction.





# Parks Impact – Section 4(f)

## Parks and BRT

- The BRT project will temporarily require 0.11 acres of land during construction from Nautilus Point Park to build a new trail along the park's south edge.
- A new connection to the Ice Age Junction Trail will be available at the Junction Park and Ride.
- The following parks will be served by BRT with no changes:
  - Mineral Point Greenway/West Towne Soccer Fields
  - Breese Stevens Field
  - Yahara River Parkway & Burr Jones Park
  - Starkweather Creek Bike Path
  - Reindahl Park





# Questions and Comments

Please enter questions and comments into 'Q&A' at the bottom of your screen.



# Wrap Up

Future Meetings



# Future Meetings

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# Thank you!

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**MadisonBRT.com**

**Follow on social media:**

@cityofmadison

@mymetrobus

**Project Contacts:**

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