

Madison East-West Bus Rapid Transit

Locally Preferred Alternative Revision

Transportation Policy and Planning Board

January 4, 2021



Locally Preferred Alternative Review

BRT Project - Current Status

- LPA Adopted by Greater Madison Area Metropolitan Planning Organization (MPO) and the Common Council in March 2020.
- Federal Transit Administration approval for entry into the Small Starts program for Project Development in August 2020.

LPA Report can be found on www.madisonbrt.com

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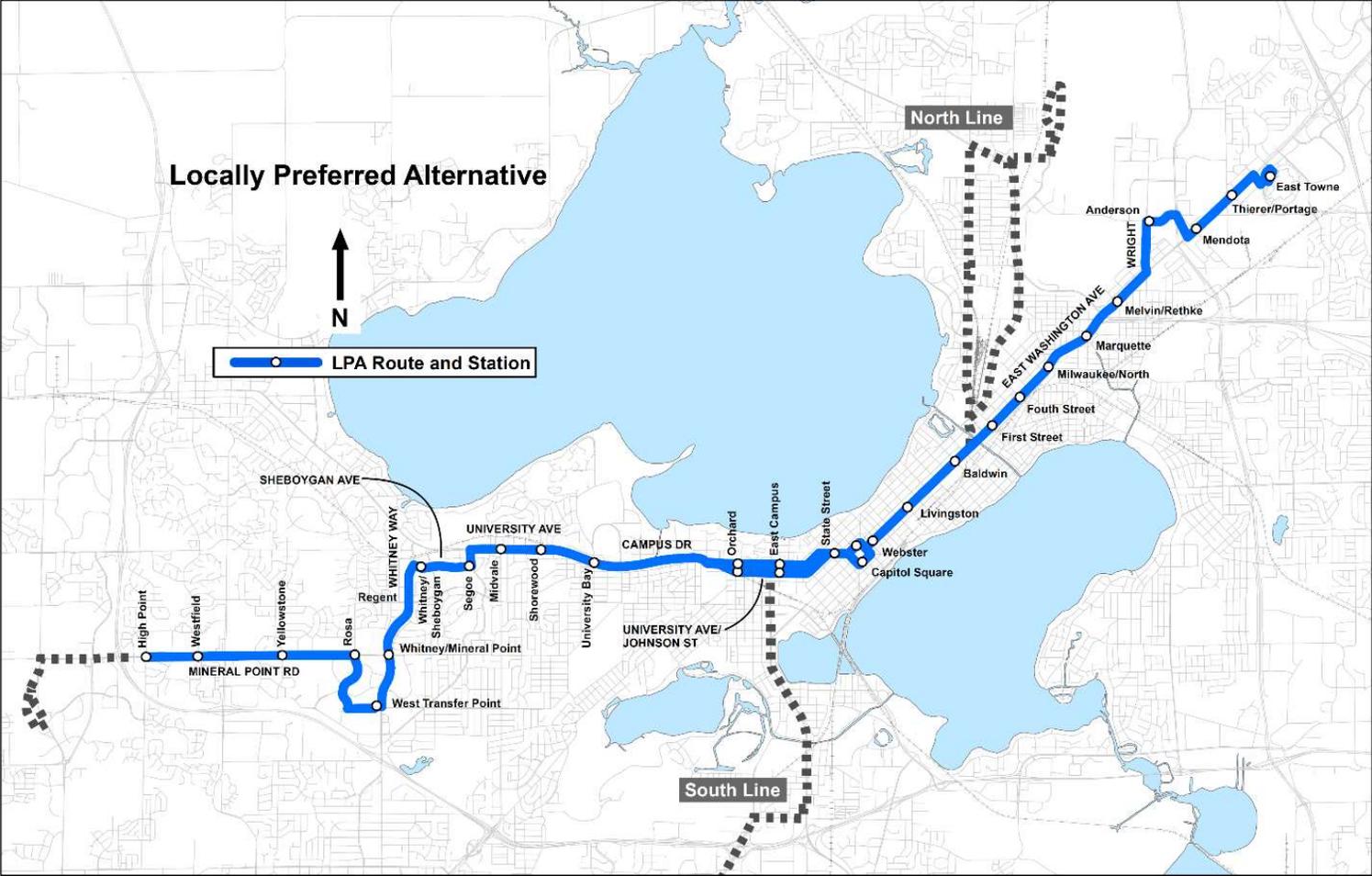


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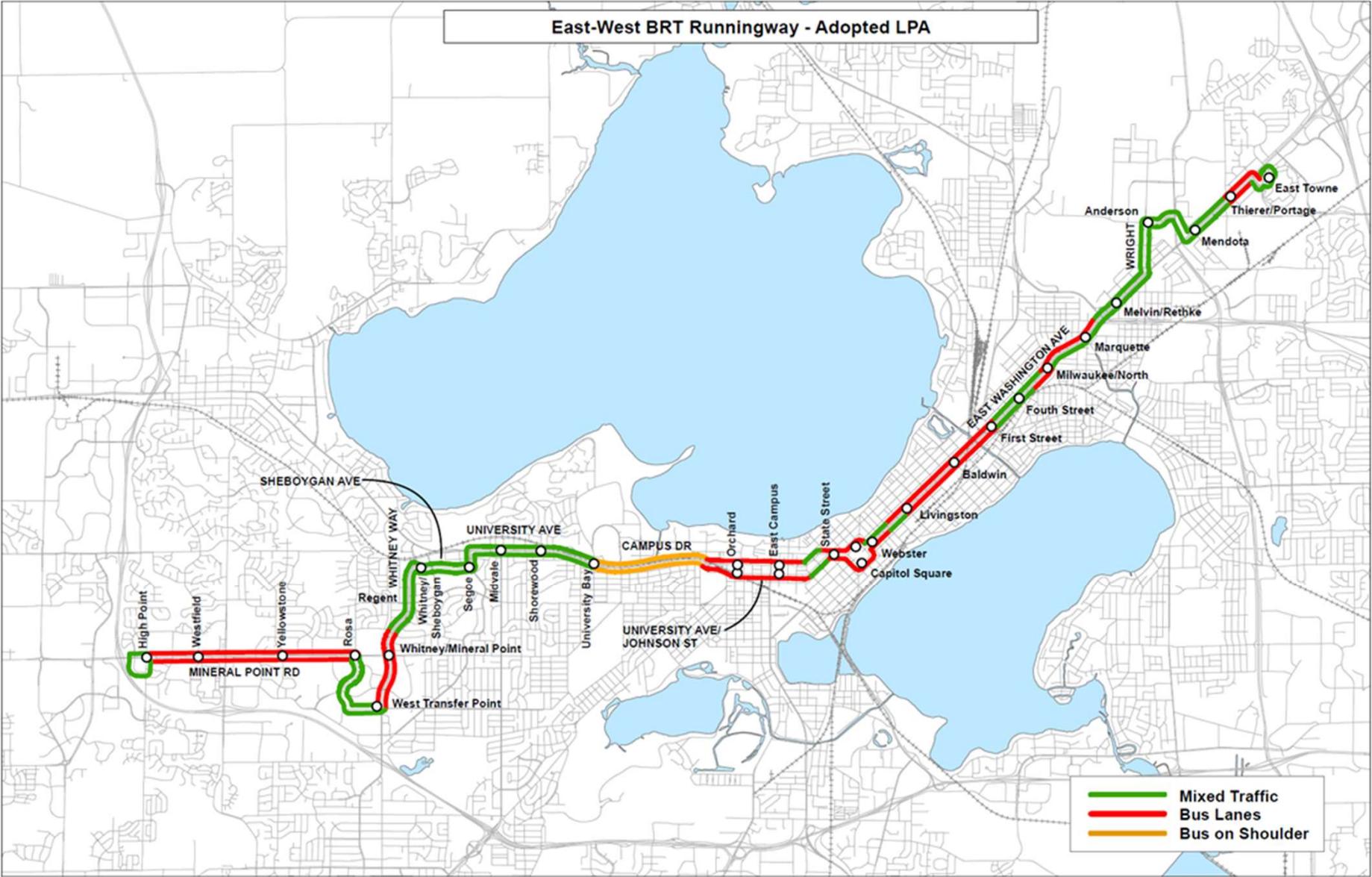
Adopted LPA - System Overview

- + 15.5 Miles
- + 27 stations
- + Service from 5 am to 12 am weekdays and 7 am – 11 pm weekends
- + A bus every 5 to 15 minutes weekdays and 15 to 30 minutes weekends
- + Approximately 83,000 residents within a half-mile of the station areas
- + Approximately 110,000 jobs within a half-mile of station areas

Adopted LPA Routes and Station Locations



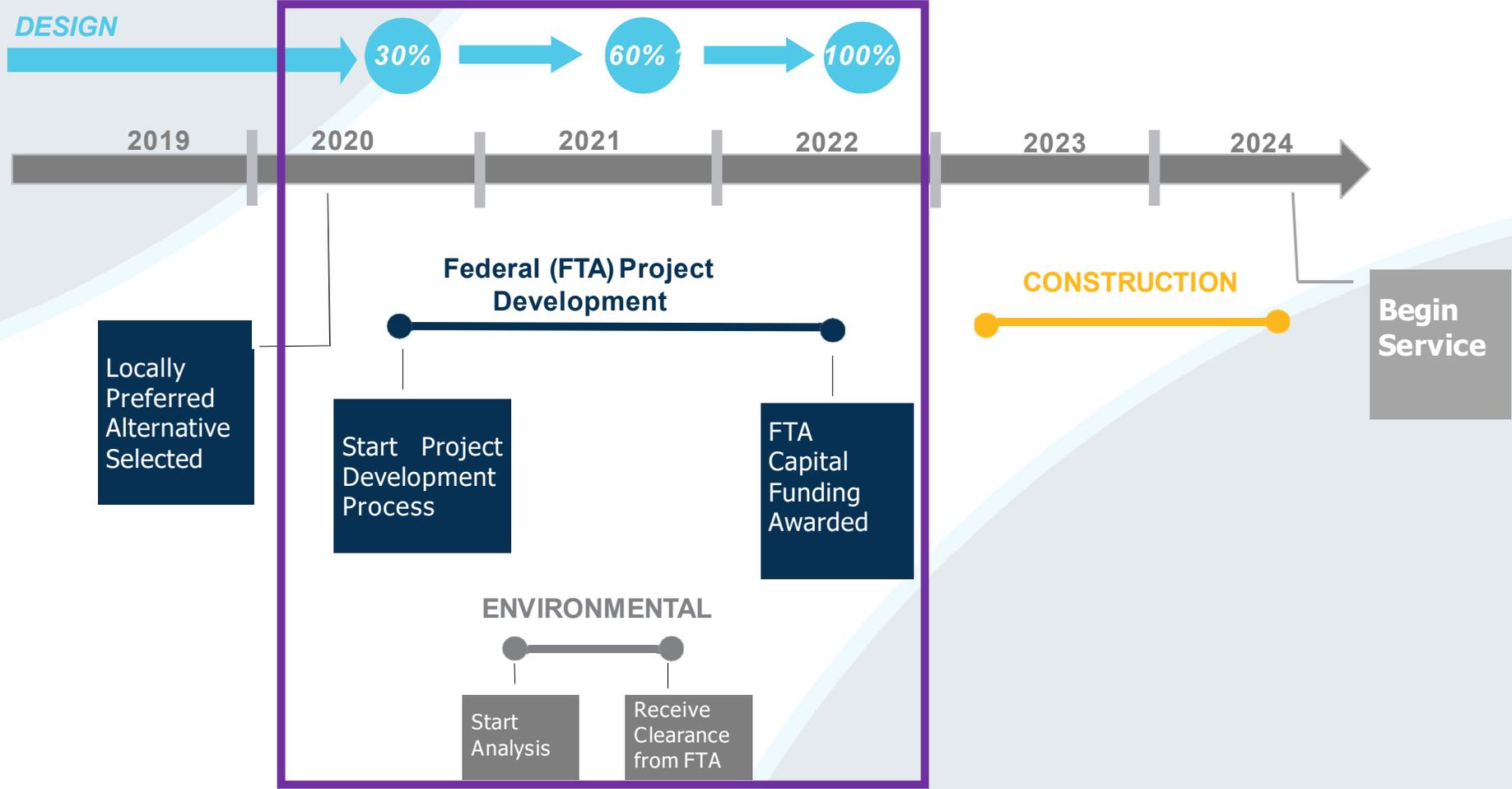
East-West BRT Runningway - Adopted LPA



BRT Timeline

Project Development

DESIGN



Leveraging Federal and Local Funds

CIP	Total	Federal	Local Borrowing
2020 BRT, Bus Replacement, Maintenance Facility	\$176 million	\$108 million	\$68 million
2021 BRT	\$160 million	\$107 million	\$53 million

Shifted **\$26 million** in existing Federal funding for bus replacements and maintenance facility improvements to BRT Project

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Leveraging Federal and Local Funds - Impact

- Overall project costs **reduced by \$16 million**
- Local borrowing **reduced by \$15 million**
- Increased likelihood of successful Small Starts award

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Proposed LPA Refinements

Routes, Station Locations

Proposed LPA Refinements

1. Center running – Mineral Point and East Wash
2. Rosa Road extension and West Transfer Point
3. Revised West terminal
4. Mendota Street routing
5. Revised East terminal
6. Revised station locations
7. Revised operating plan
8. Brayton lot (East Washington and Butler)

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Runningway Summary



Outreach

- General project informational meeting
- Mineral Point Road area
- Whitney Way and Hill Farms
- East Washington Avenue
- Mendota Street

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Feedback – West side

- Support for center running and Mineral Point side path
- Strong concerns for removing left turns
- Desire for safe crossings and slower speeds
- Concern about parking loss on Whitney Way
- Concern about capacity and signal on Whitney Way
- Mixed support/opposition for Junction Road terminal
- Support for moving or removing West Transfer Point

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Left Turn Restrictions – Mineral Point Road

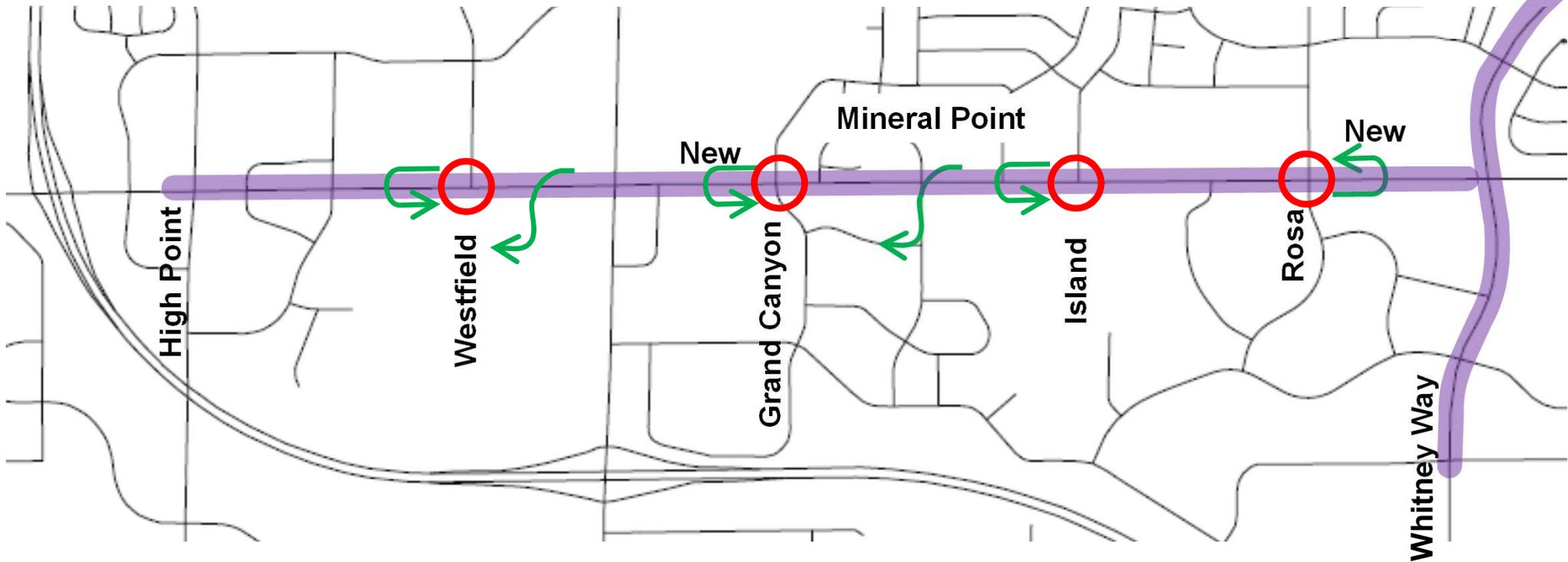
- Creates wider, more comfortable median station
- Shortens crossing distance
- Prevents zig-zag bus movement
- Decision does not need to be made with LPA revision
- Working assumption is all left turns will remain based on alder feedback

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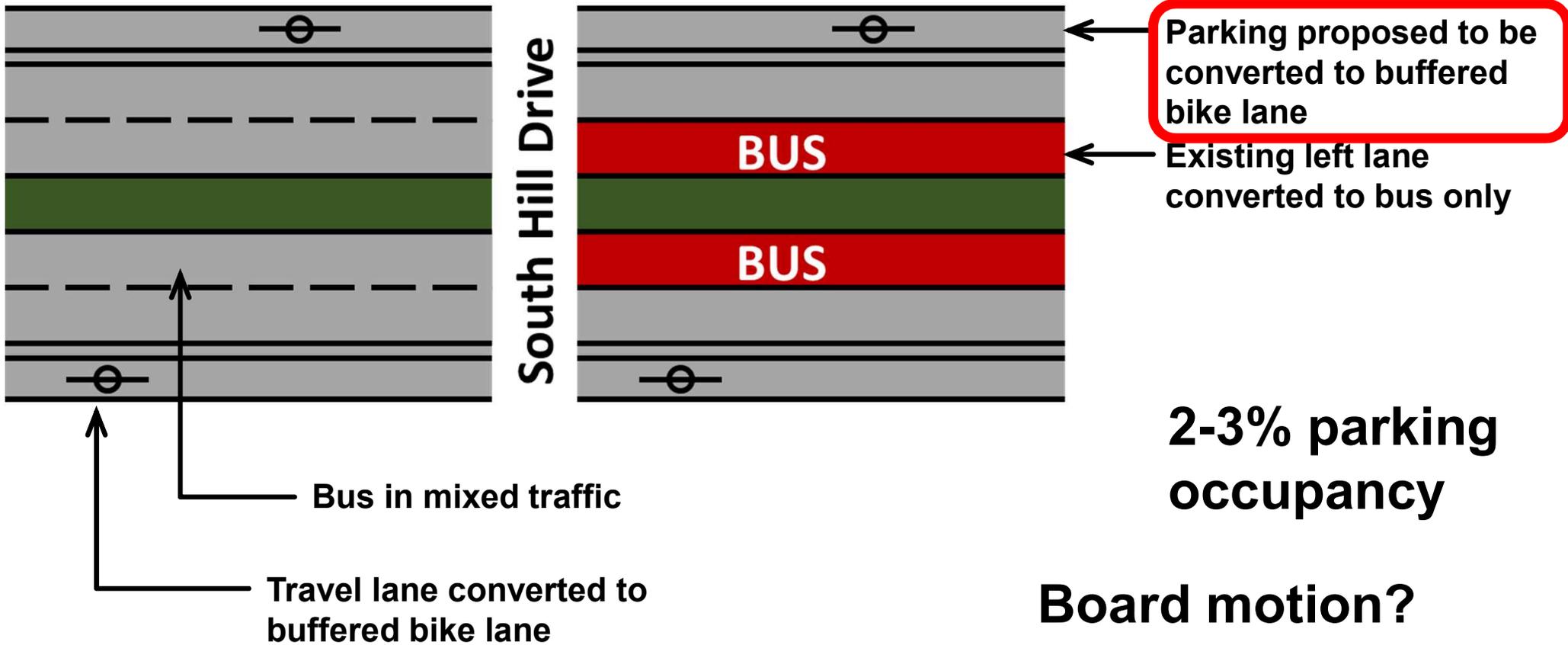
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Left Turns and Alternate Paths

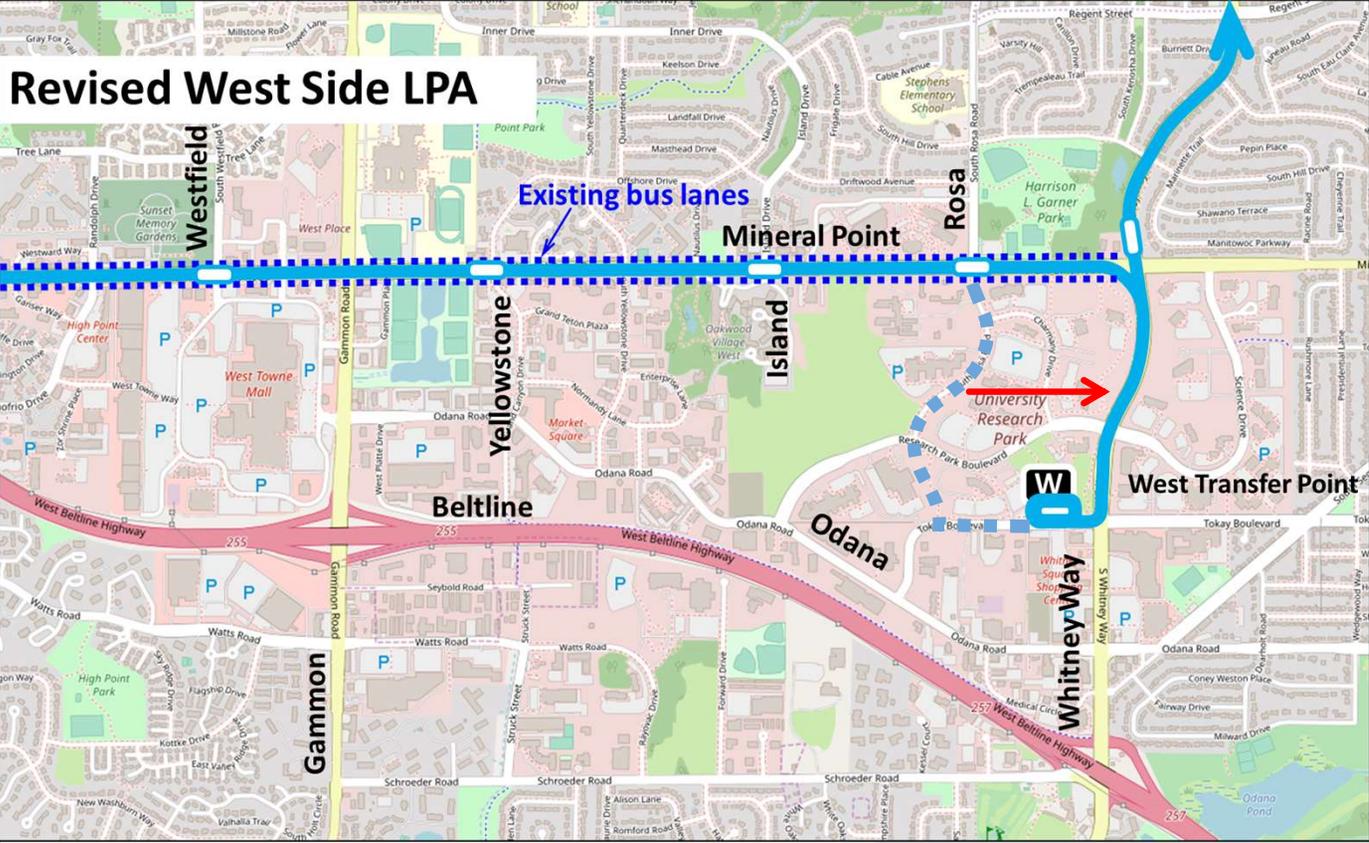


Working assumption – all left turns will be maintained
Board motion?

Proposed Cross Section – Whitney Way



Whitney Way Route



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West Transfer Point Assumption

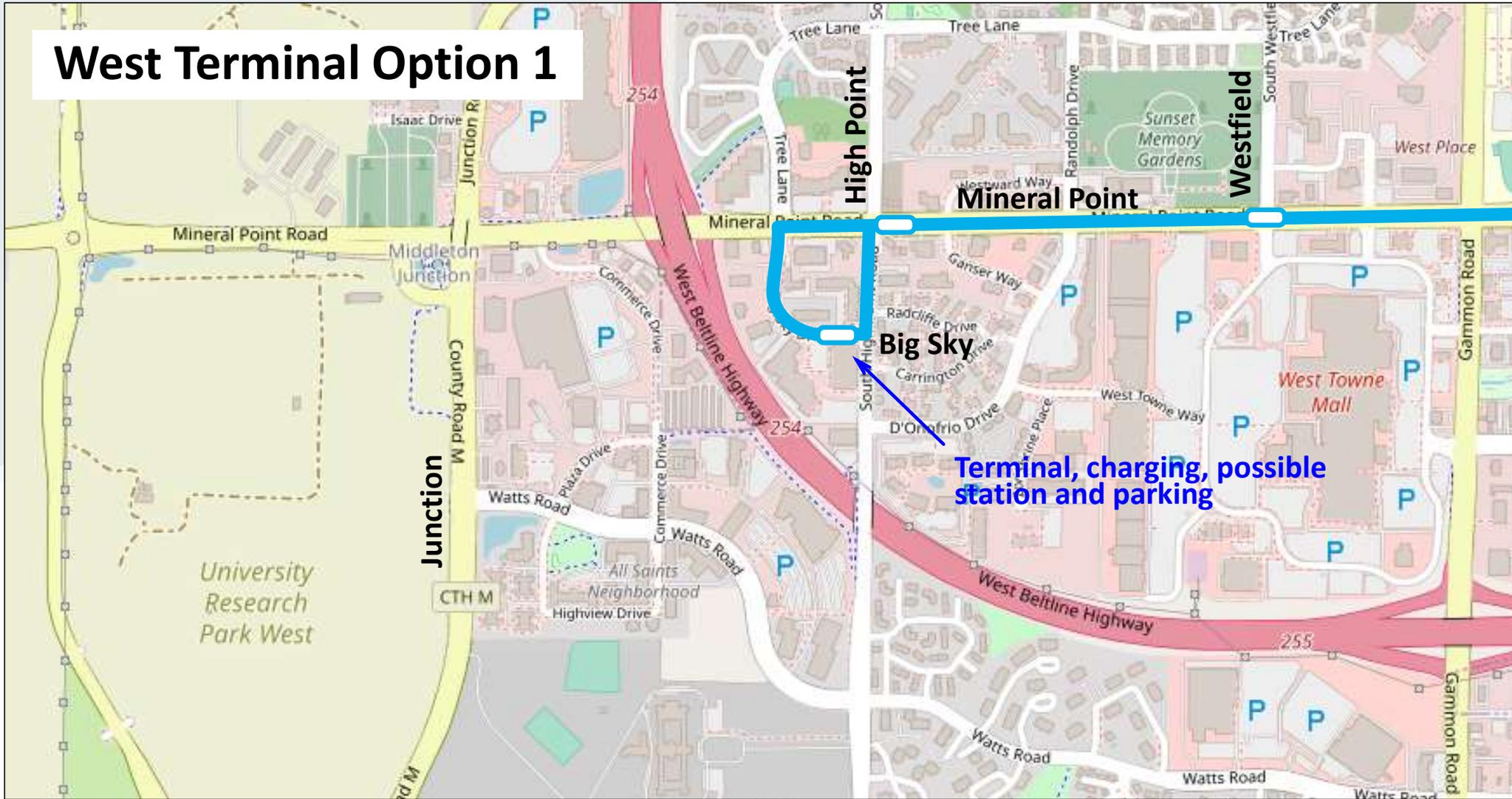
- Investigating several alternatives to serve transfers, with and without a West Transfer Point and Whitney Way routing
- Whitney Way both directions with West Transfer Point is assumed for the LPA because it keeps all options on the table and costs and ridership associated with the West Transfer Point in the BRT project
- Decision-making will be accomplished with the Transit Network Plan in 2021

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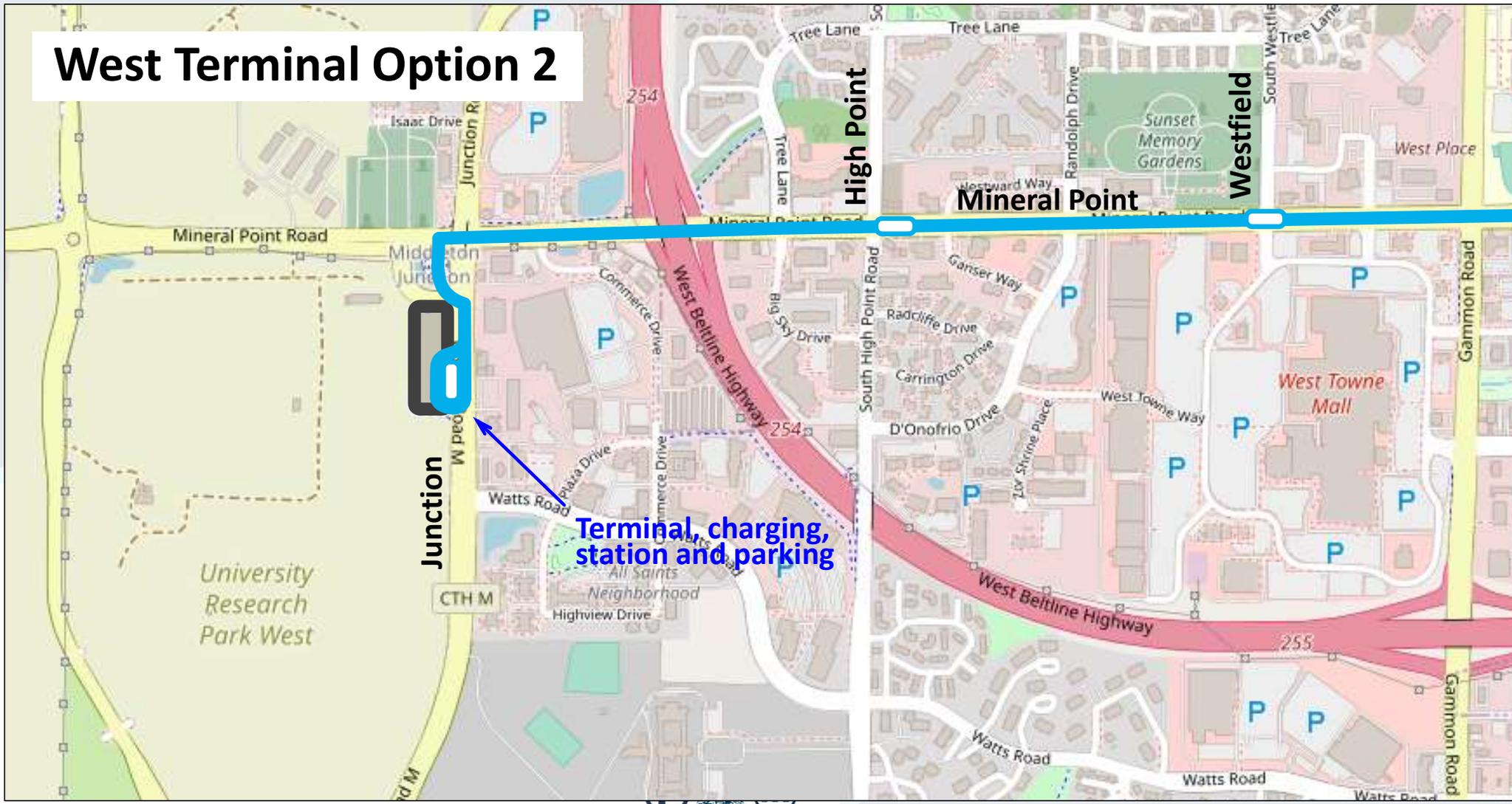


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West Terminal Option 1



West Terminal Option 2



Feedback – East side

- Support for center running on East Washington
- Concern about loss of peak period bike lane
- Concern about impacts to Mifflin Street bike boulevard
- Less concern about left turn removals
- No opposition to date regarding Mendota Street

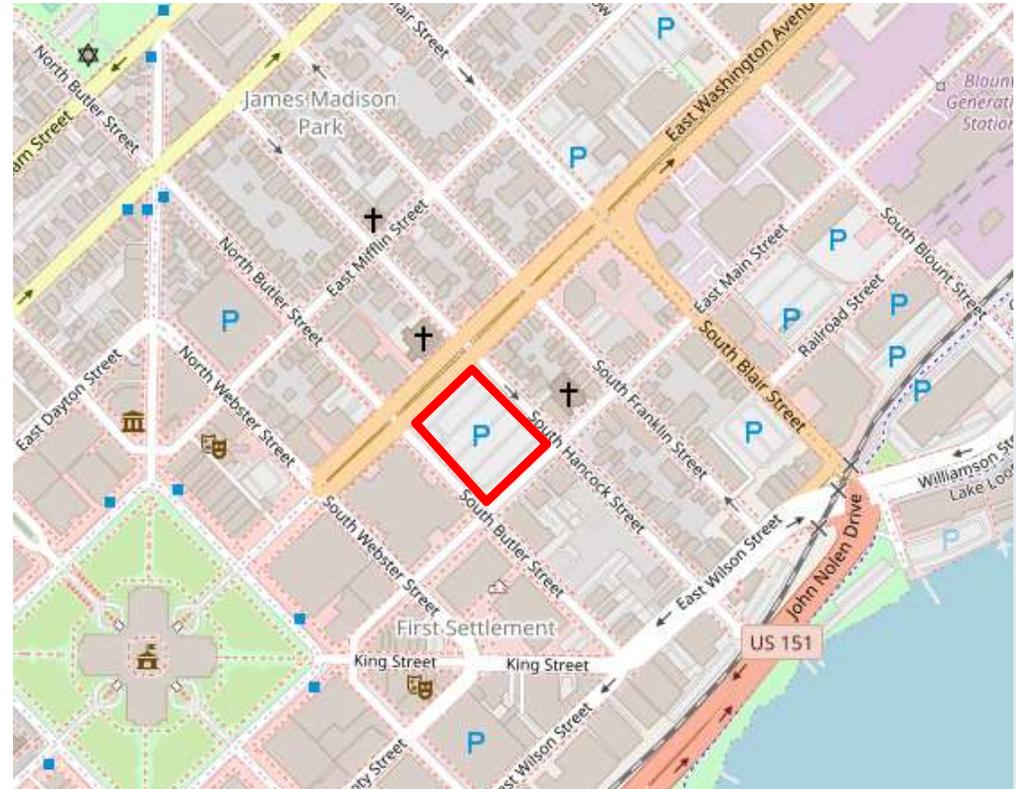
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Brayton Lot

- Used for construction staging
- Following project, could be developed into transit supportive land use
- Eligible for funding through FTA

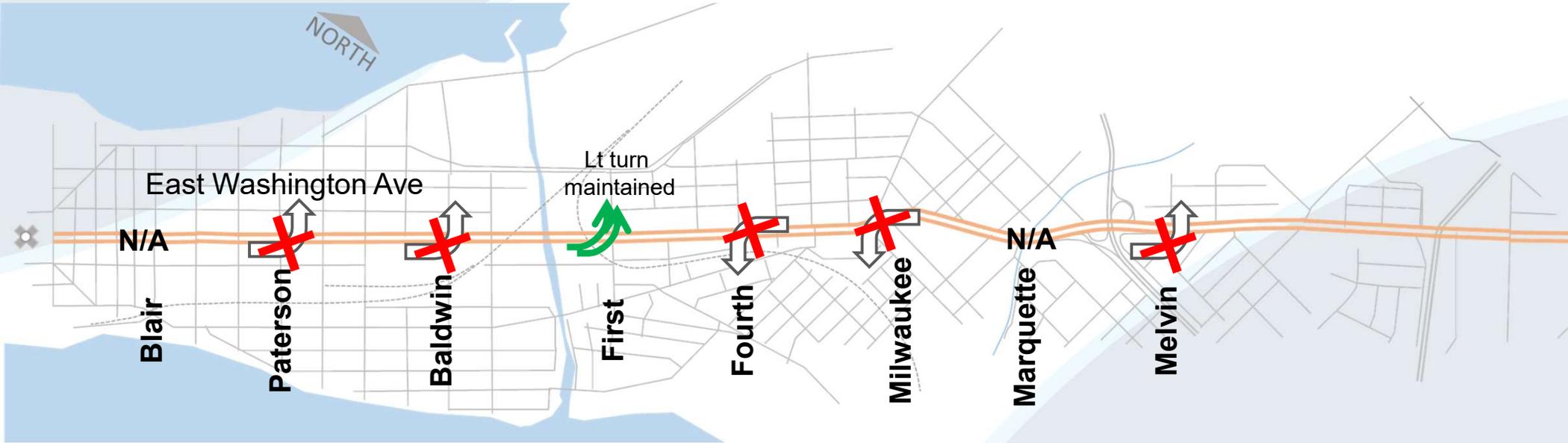


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Proposed Left Turn Restrictions

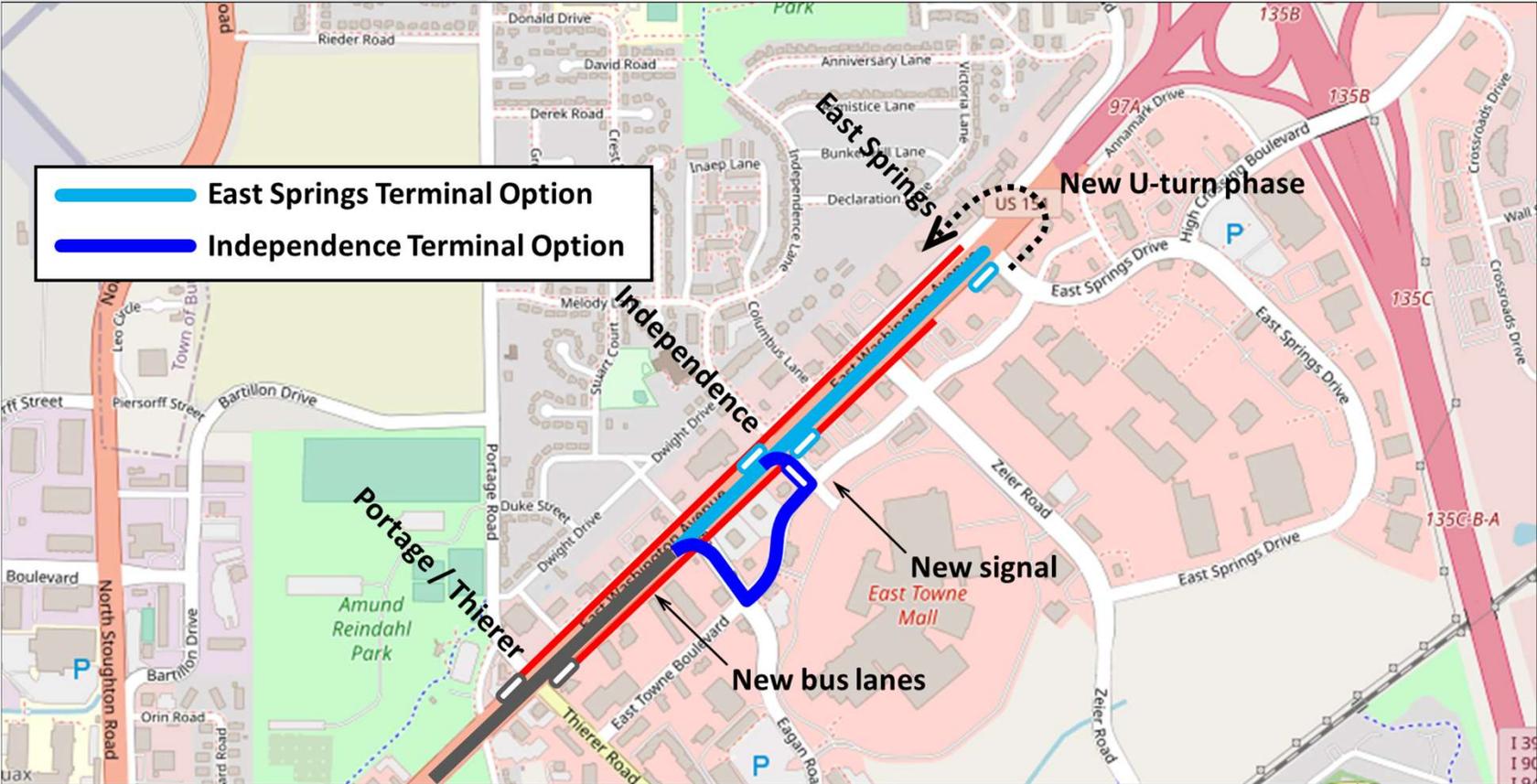


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Proposed East Terminal



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Next Steps

- Council approval tomorrow?
- **NEPA class of action (critical path)**
- Project development preliminary design

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