



Metro Rapid Bus Rapid Transit

Madison Bikes

October 25, 2021 6:00 pm

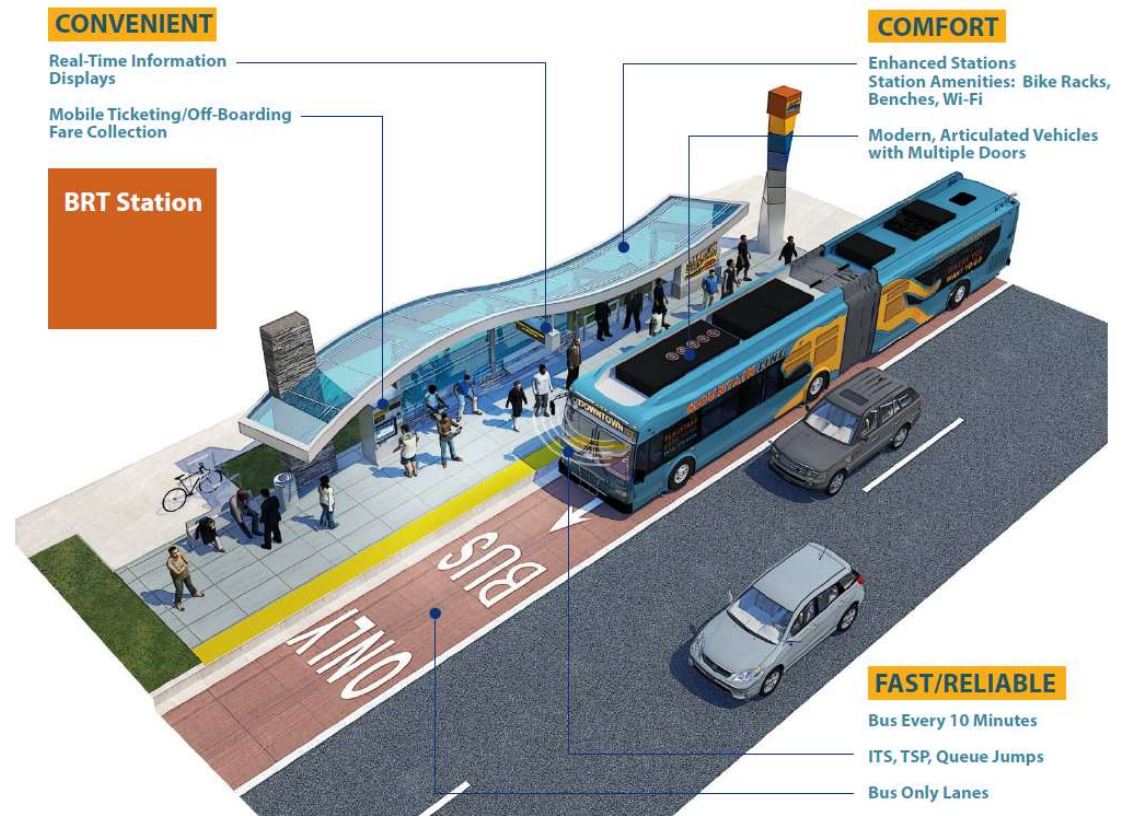


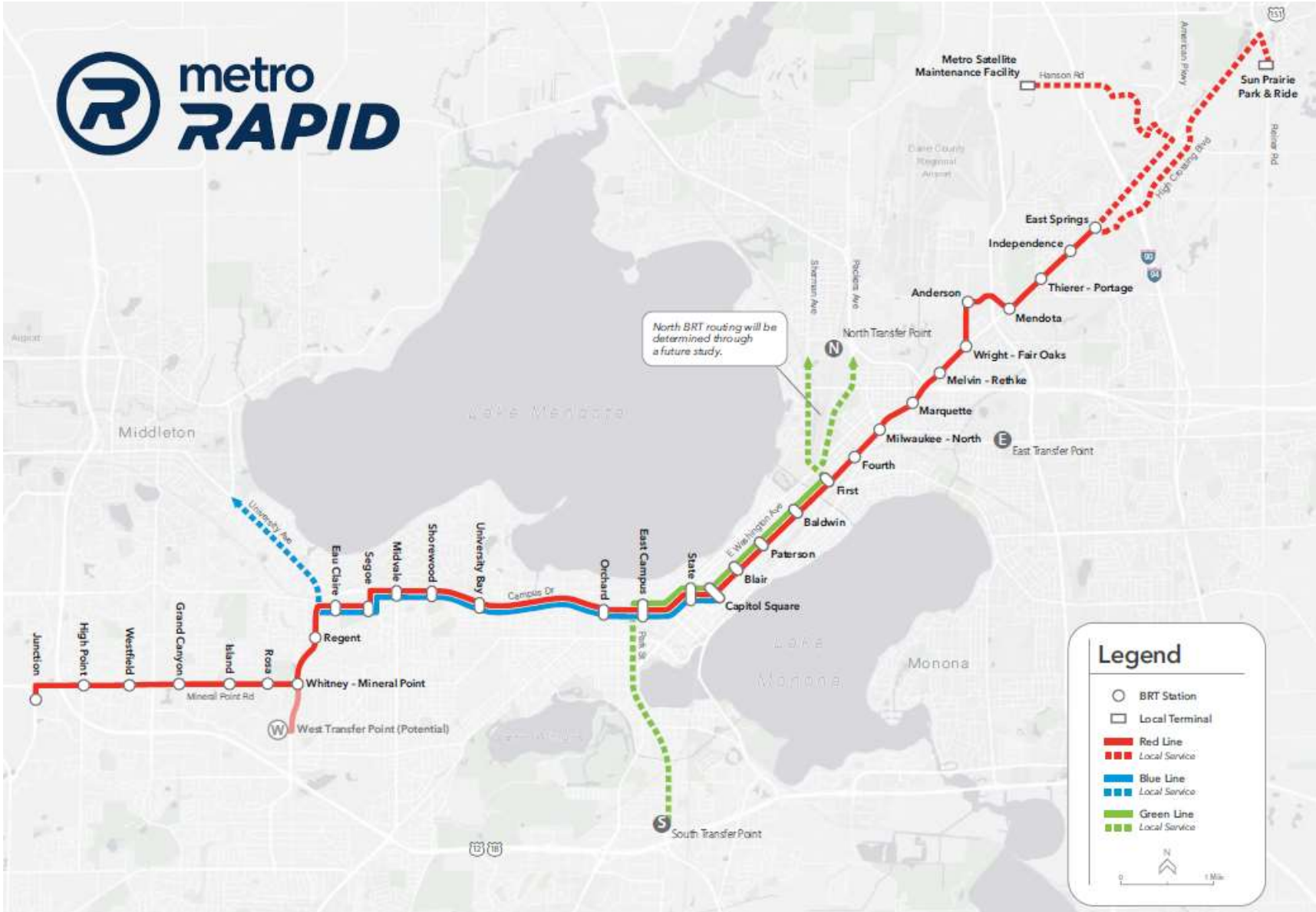
AECOM



Bus Rapid Transit

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





North BRT routing will be determined through a future study.

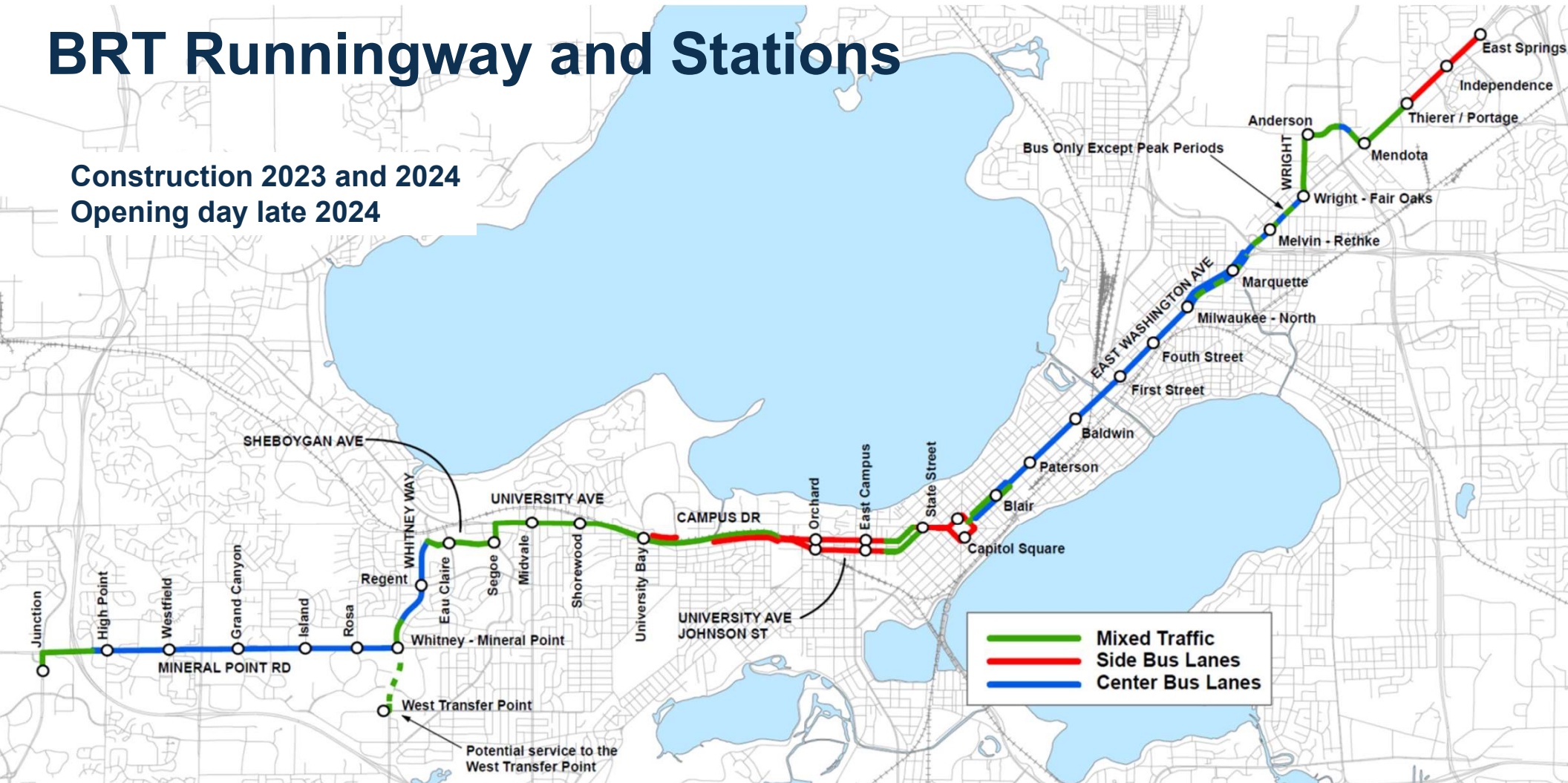
Legend

- BRT Station
- Local Terminal
- Red Line
- - - Local Service
- Blue Line
- - - Local Service
- Green Line
- - - Local Service

0 1 Mile

BRT Runningway and Stations

Construction 2023 and 2024
Opening day late 2024



Metro Rapid East-West Line

- 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



Station and Shelter Design



Renderings are conceptual

MadisonBRT.com/project-documents

30% Roll Plots

- [Downtown PDF !\[\]\(13b6bdd0ca077c333d50231f1443cb1d_img.jpg\)](#)
- [East Towne PDF !\[\]\(5dbedd4e1e8871e3a0e67053ad2f9701_img.jpg\)](#)
- [Isthmus PDF !\[\]\(d4749465acb9b53e115af1f9ce82539c_img.jpg\)](#)
- [Mineral Point PDF !\[\]\(3e3001313d495ec87b5a6a5de6205728_img.jpg\)](#)
- [University Ave. PDF !\[\]\(e26df985e6d3e053d2593dc7b93b41cf_img.jpg\)](#)
- [Whitney Way PDF !\[\]\(2d8989e35a5d1c61f2b9b0307dee0da4_img.jpg\)](#)

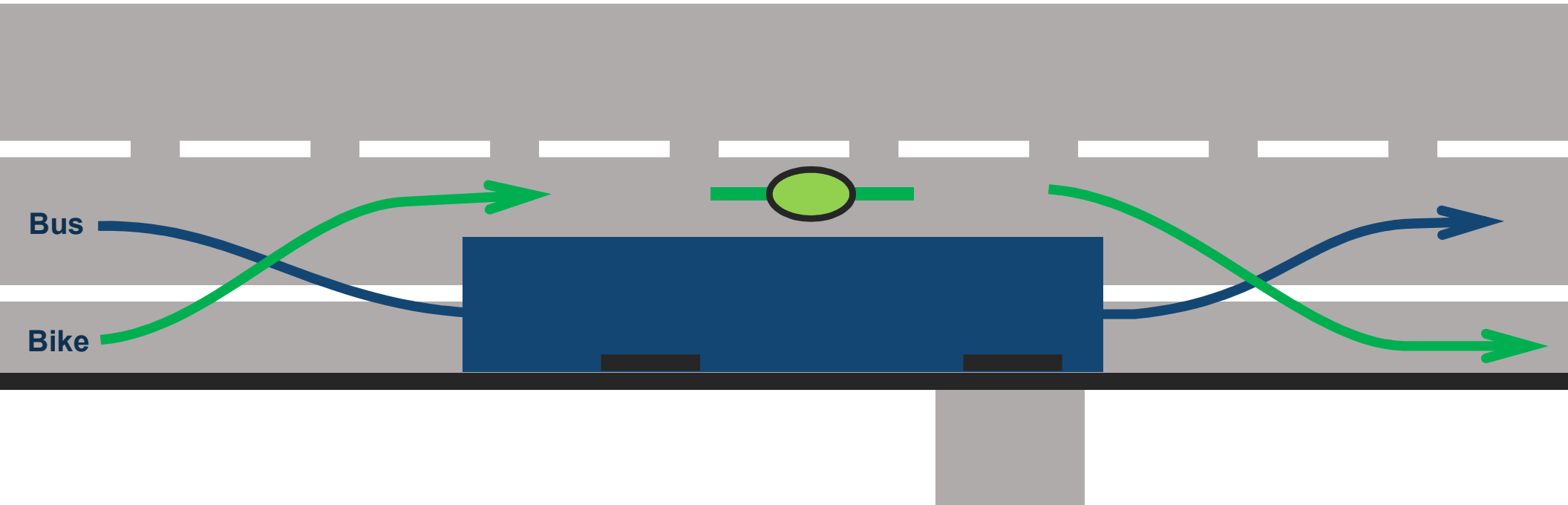
Accommodating Bikes

- Interactions between bikes and buses, especially at stations
- Bike parking near stations
- Bikes onboard
- BCycle

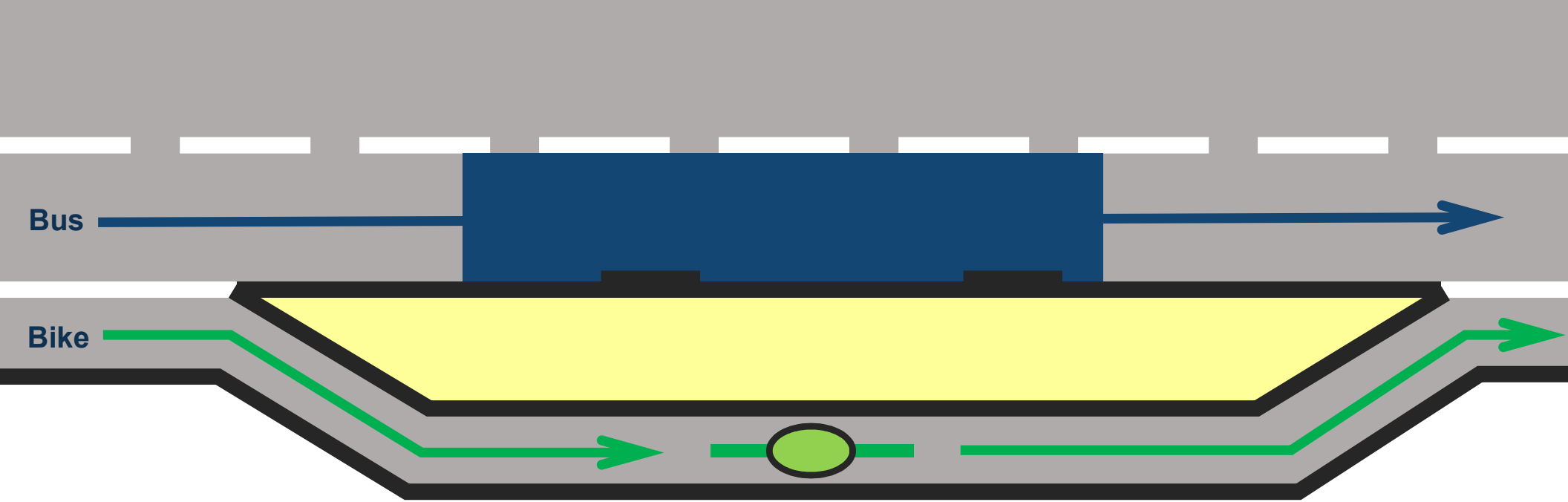
Bus – Bike Interactions

- Center running on about half of the system will eliminate most conflicts
- Fewer stops along the corridor
- Routing bikes around, rather than through conflict areas (next slide)
- The BRT project will try to reduce or eliminate bus – bike conflicts

Typical mixed-traffic conflict

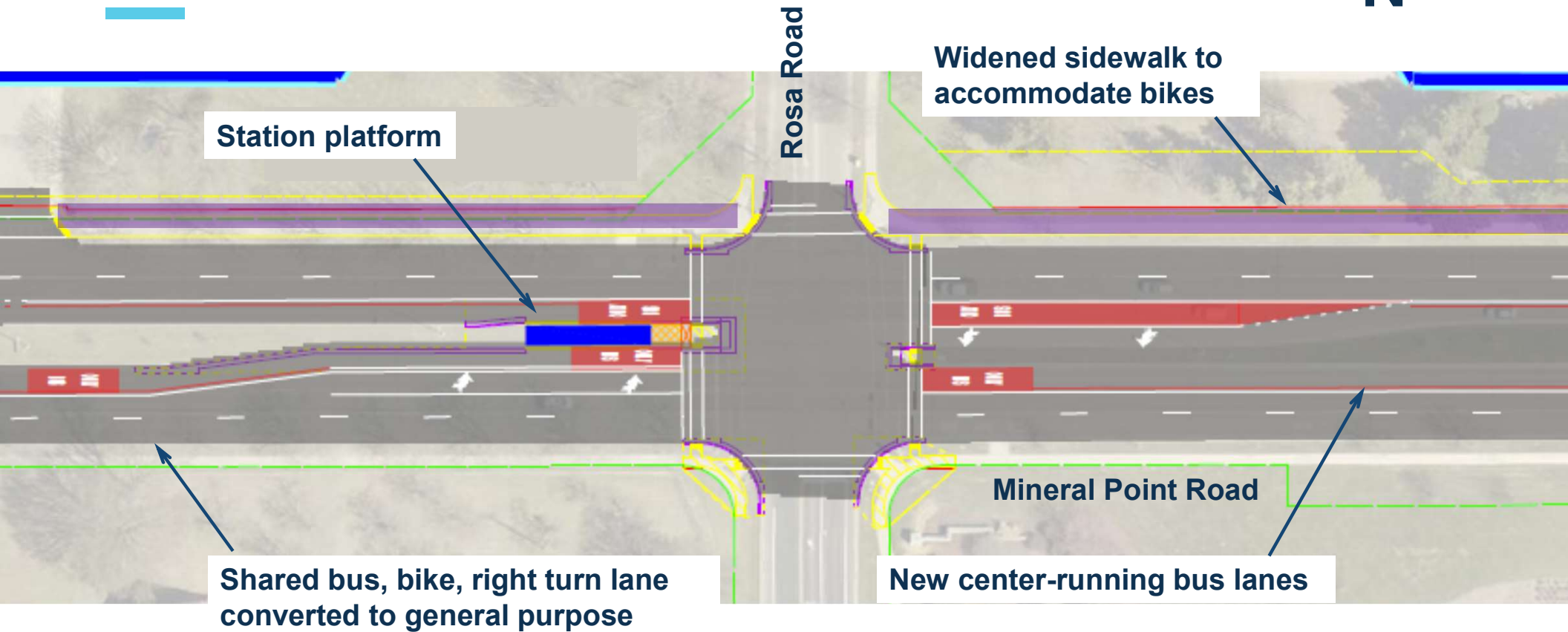


Island platform solution





Mineral Point Road Side Path

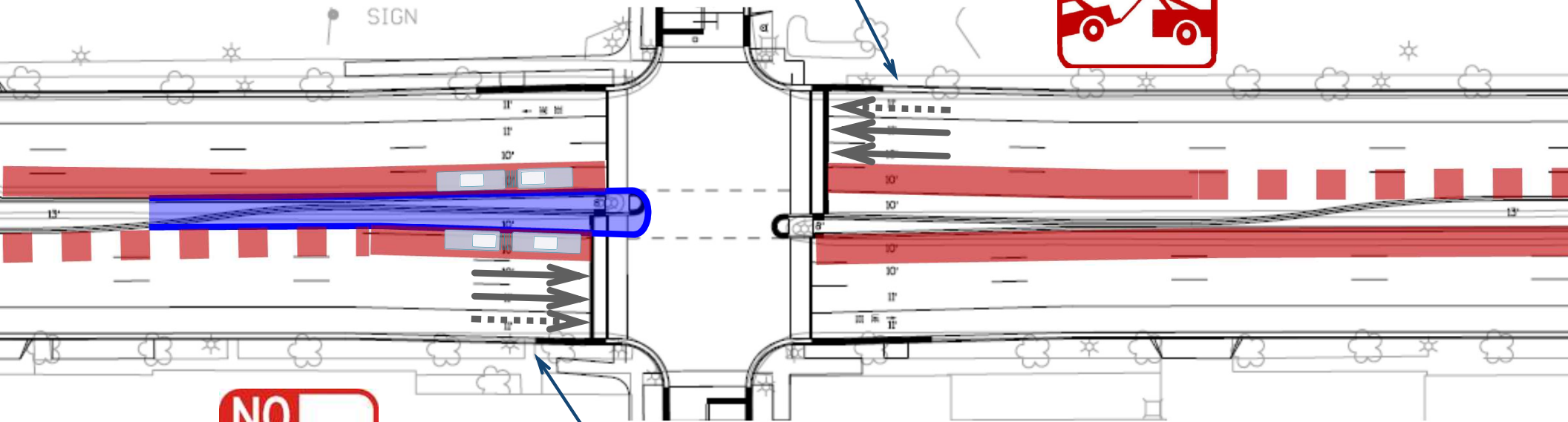


Mineral Point at Island



Isthmus

Bike lane lost AM peak periods



Bike lane lost PM peak periods

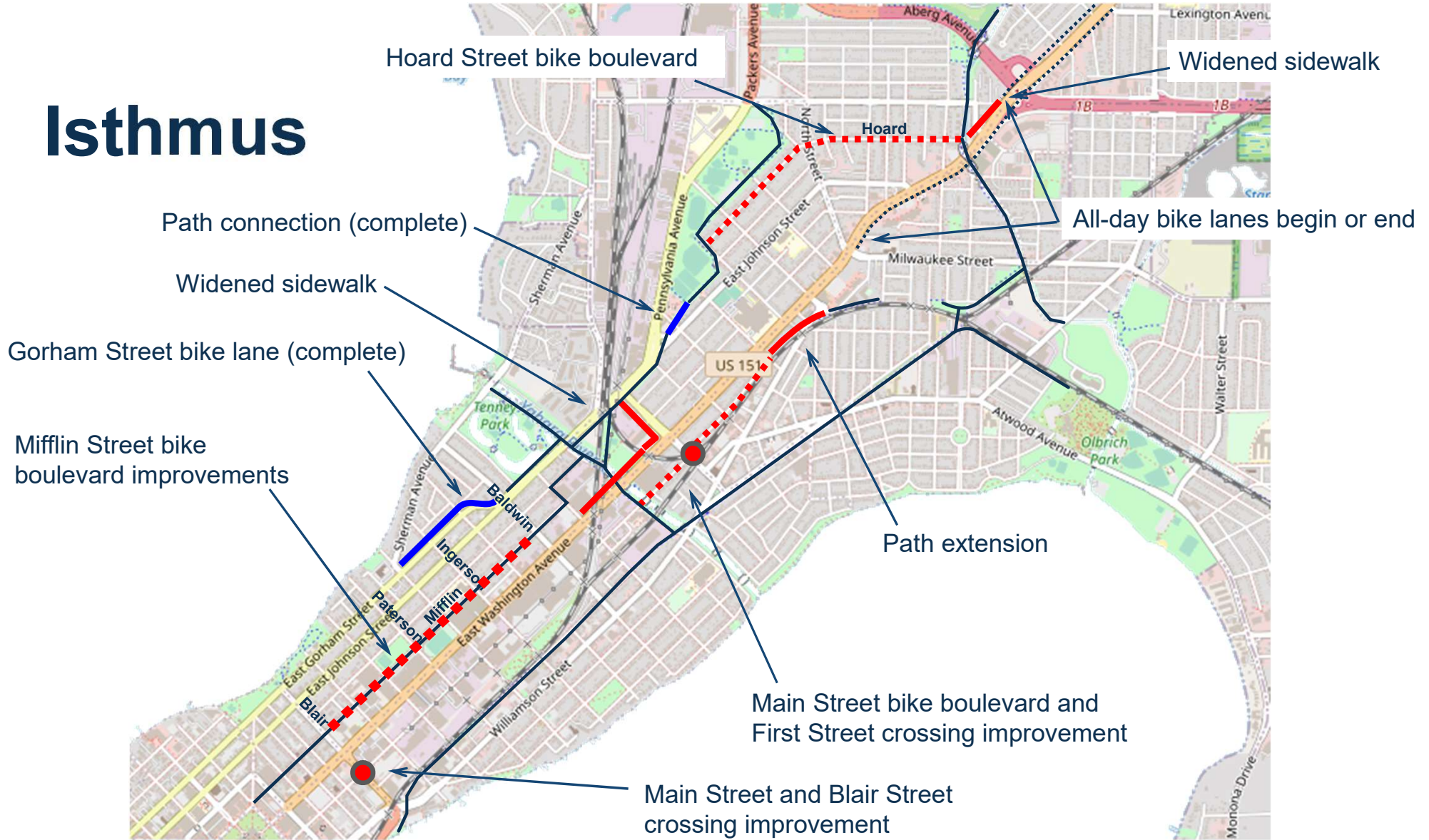




Baldwin Street

Renderings are conceptual

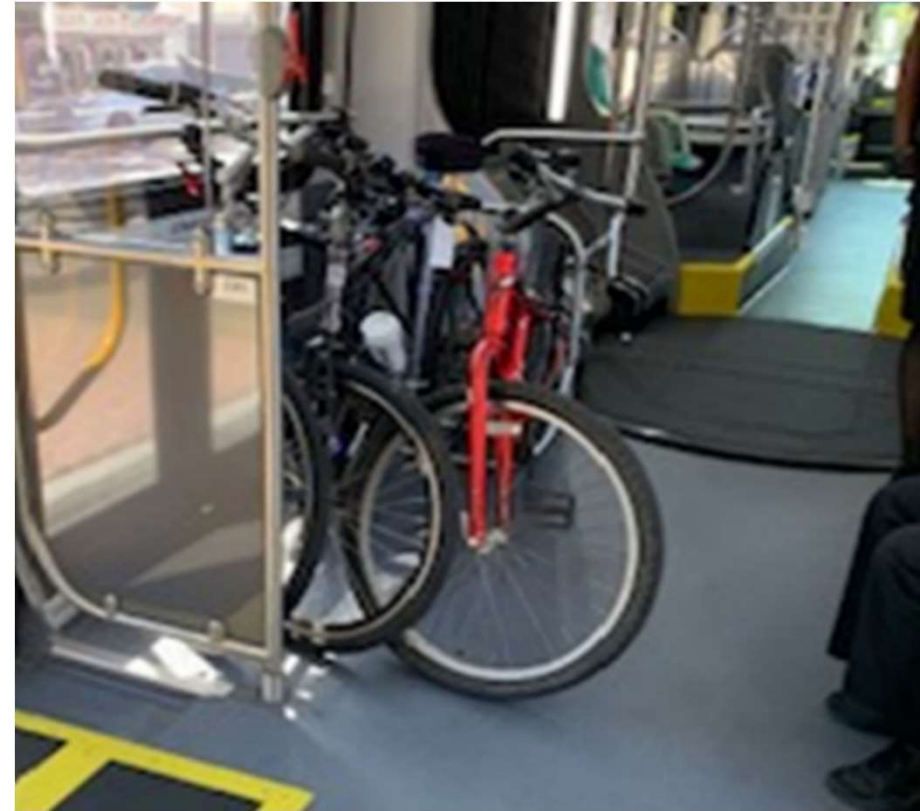
Isthmus



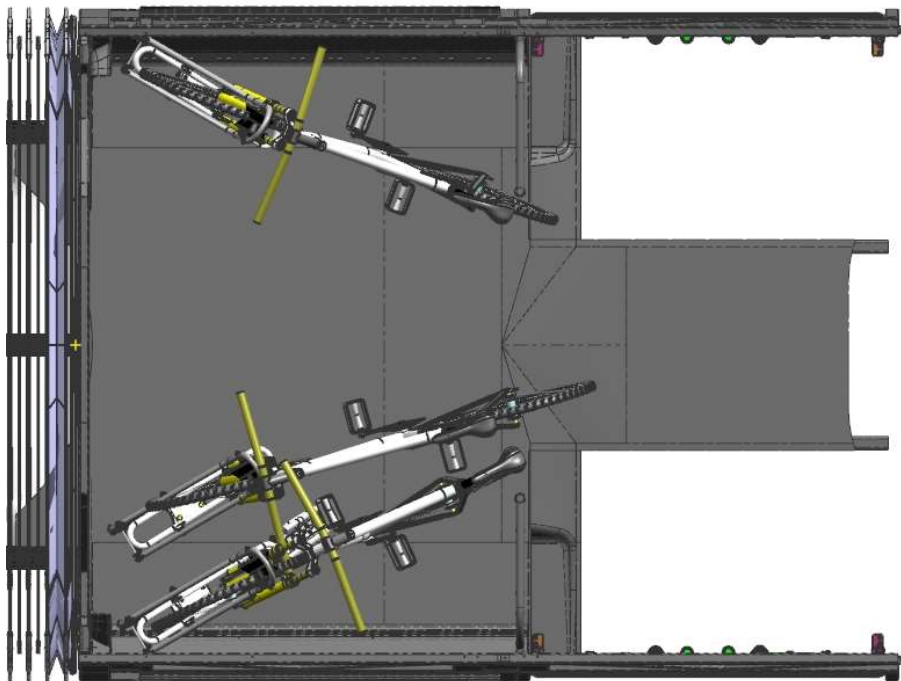
Bikes on board

- Bikes will be accommodated inside the bus towards the back rather than in front
- Faster, easier, and works better with raised platforms
- Several configurations, will work with manufacturer

Horizontal Rack

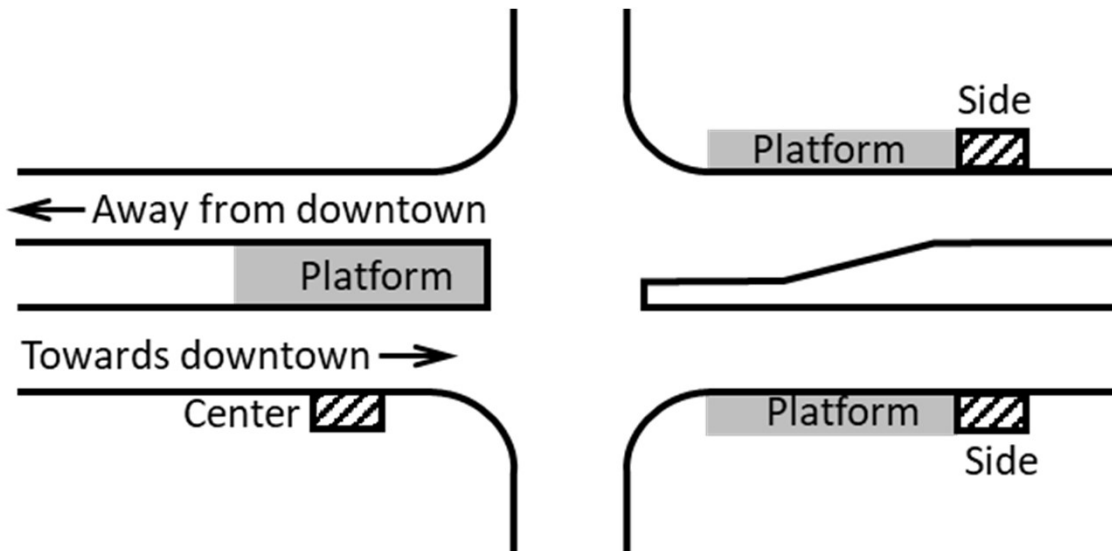


Angled Rack



Bike parking near stations

- Post and ring style rack and most stations, other than the downtown area and terminal stations



Alameda BRT – International and 24th



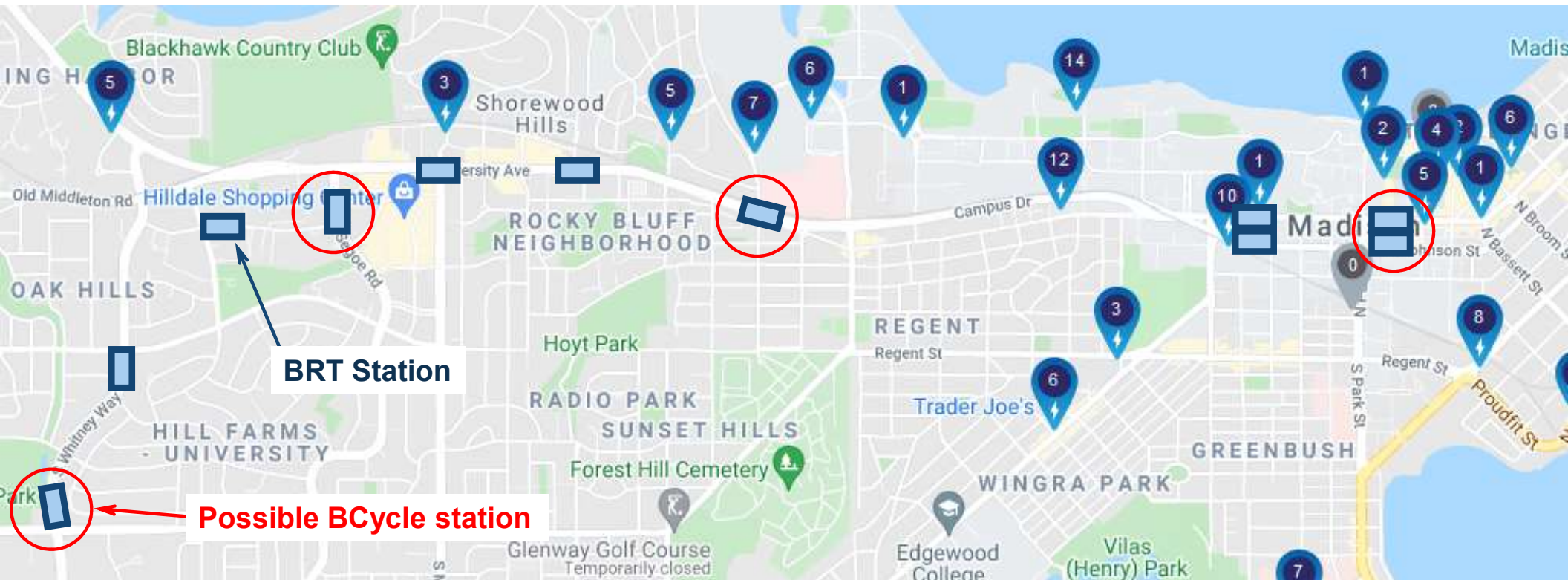
Bike parking at terminal stations

- Bike racks at terminal stations
- Covered bike parking will be investigated
- Secured parking will be investigated, but unlikely due to administration costs

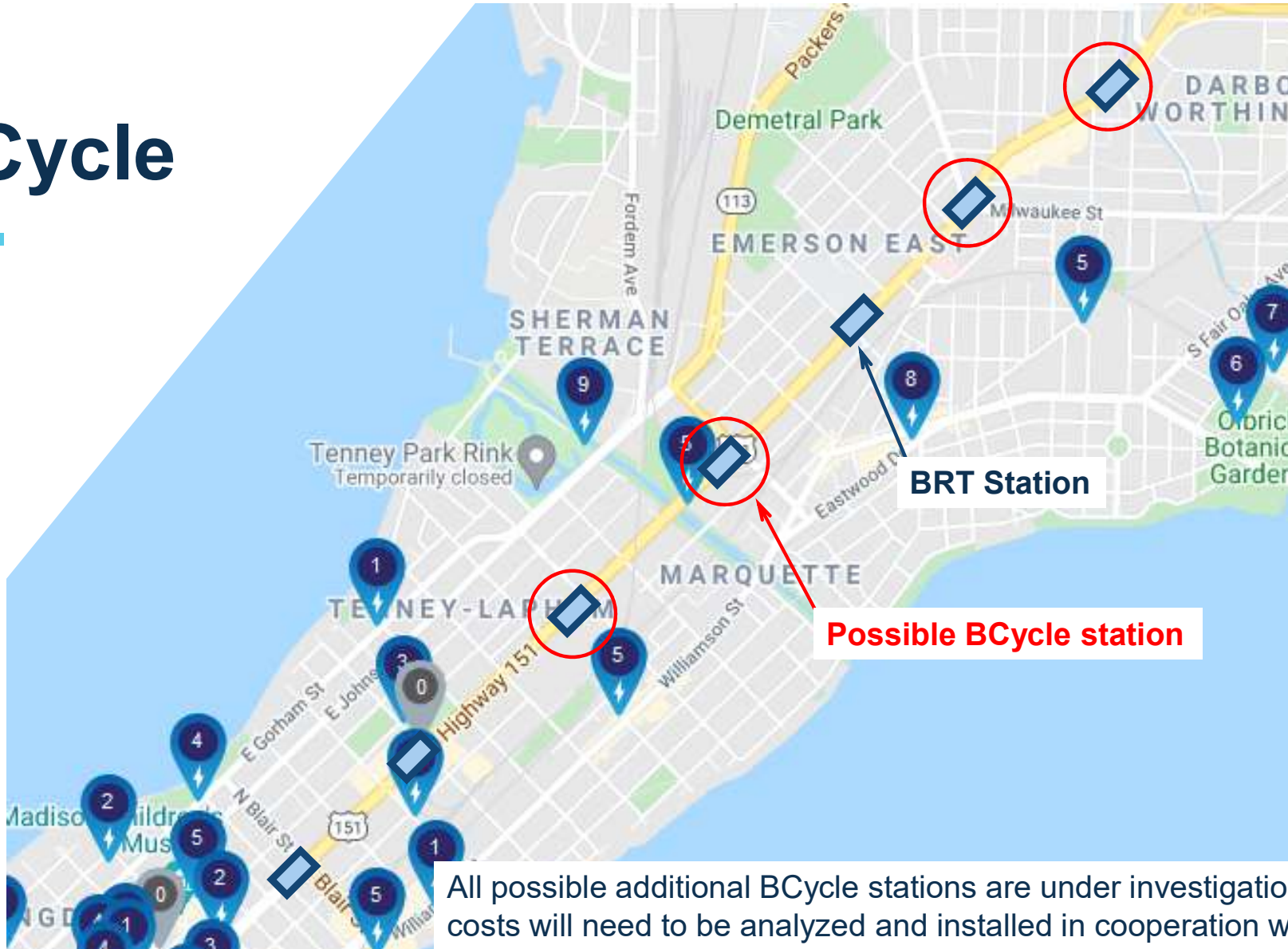


BCycle

All possible additional BCycle stations are under investigation. Sites and costs will need to be analyzed and installed in cooperation with BCycle.



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