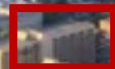


# Welcome to Madison!



**2023 RADBUG Meeting – Opening Remarks**

**August 8, 2023**



# Introduction



- **Josh Dietsche**

- **Director – WisDOT Bureau of Structures**
- **Wisconsin State Bridge Engineer**
  - **AASHTO Committee on Bridges and Structures (COBS)**
    - **Load Committee (T-5) – Vice Chair**
    - **Technology Committee (T-19)**
    - **Tunnels & Movable Bridge (T-8)**
    - **Knowledge Management & Workforce Development**
- **BrDR taskforce alum (2020)**

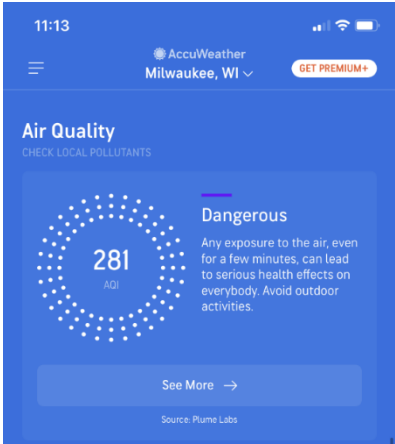


# Wisconsin and WisDOT



# Where am I?

Lake Superior

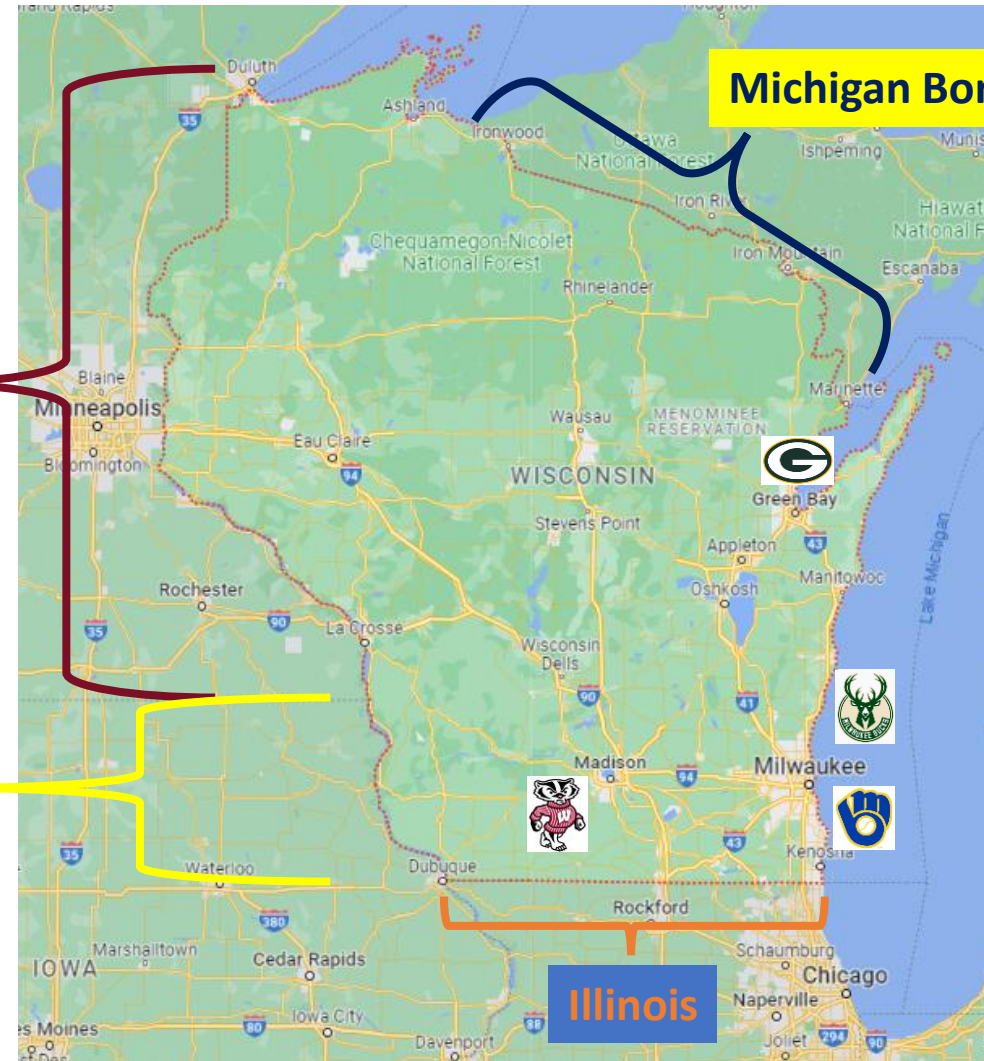


(Thanks, Canada...)



Minnesota Border

Iowa Border



Michigan Border

Lake Michigan

Illinois

# Wisconsin DOT (WisDOT)

- 72 counties
- Divide into 5 regions
  - 8 primary offices around the state
- Central Office in Madison
- Bureaus & Regions
  - Bureaus – statewide technical expertise
  - Regions – project delivery & operations





# Bureau of Structures



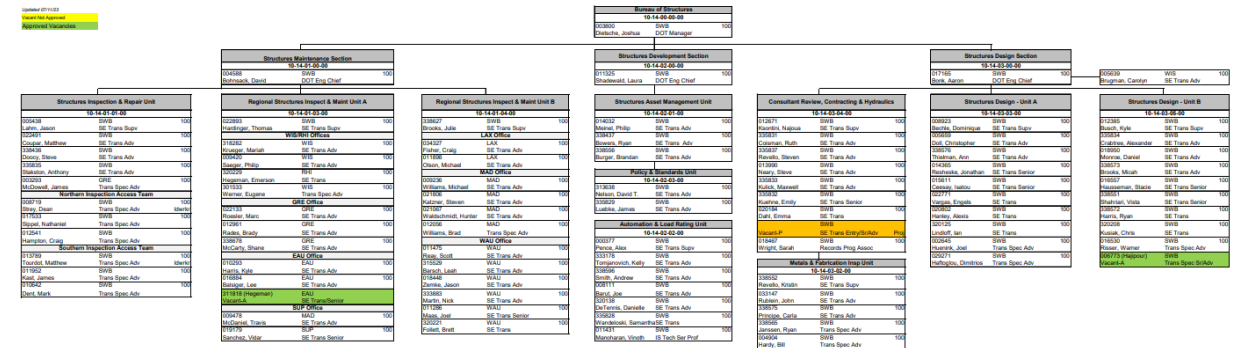
- 14,320 bridges in Wisconsin
  - 5,363 state-owned (38%)
  - 8,957 local-owned (62%)

• Most everything structures-related

• 87 total people

• Divide into 3 sections

- Design, Development, and Maintenance





# Bureau of Structures



- **Design Section**
  - 35 staff
  - Bridge structural design, hydraulics, drafting, consultant design oversight, fabrication oversight, construction oversight, and...
  - Almost all in our Central Office
  - Fairly heavy consultant use – design 30-40% in-house
  
- **Maintenance Section**
  - 38 staff
  - Inspection, maintenance, repairs
  - Spread throughout the state



# Bureau of Structures



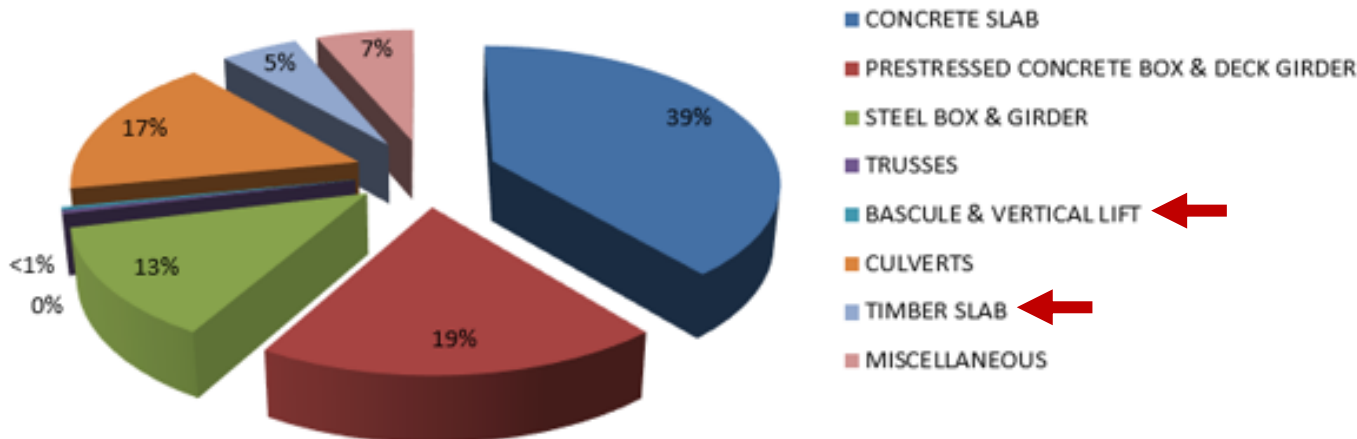
- **Development Section**
  - 13 staff
  - Structures asset management, data management, policy & standards, research, automation tools, and load rating
  - All in Central Office
  
  - 3 load rating staff + supervisor
  - Primary use of AASHTOWare is with BrR
  - Historically (and somewhat currently), a lot of in-house software
- Currently in the office 2 days a week, telecommuting 3 days



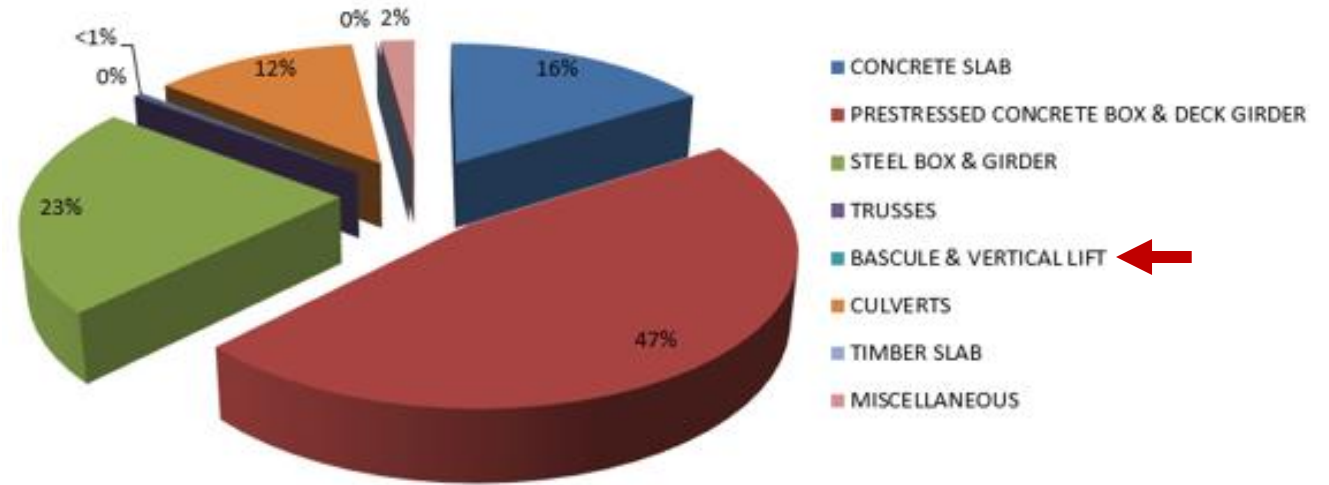
# Wisconsin Bridge Inventory

- 14,320 bridges in Wisconsin
  - 5,363 state-owned (38%)
  - 8,957 local-owned (62%)

Local Owned Bridges

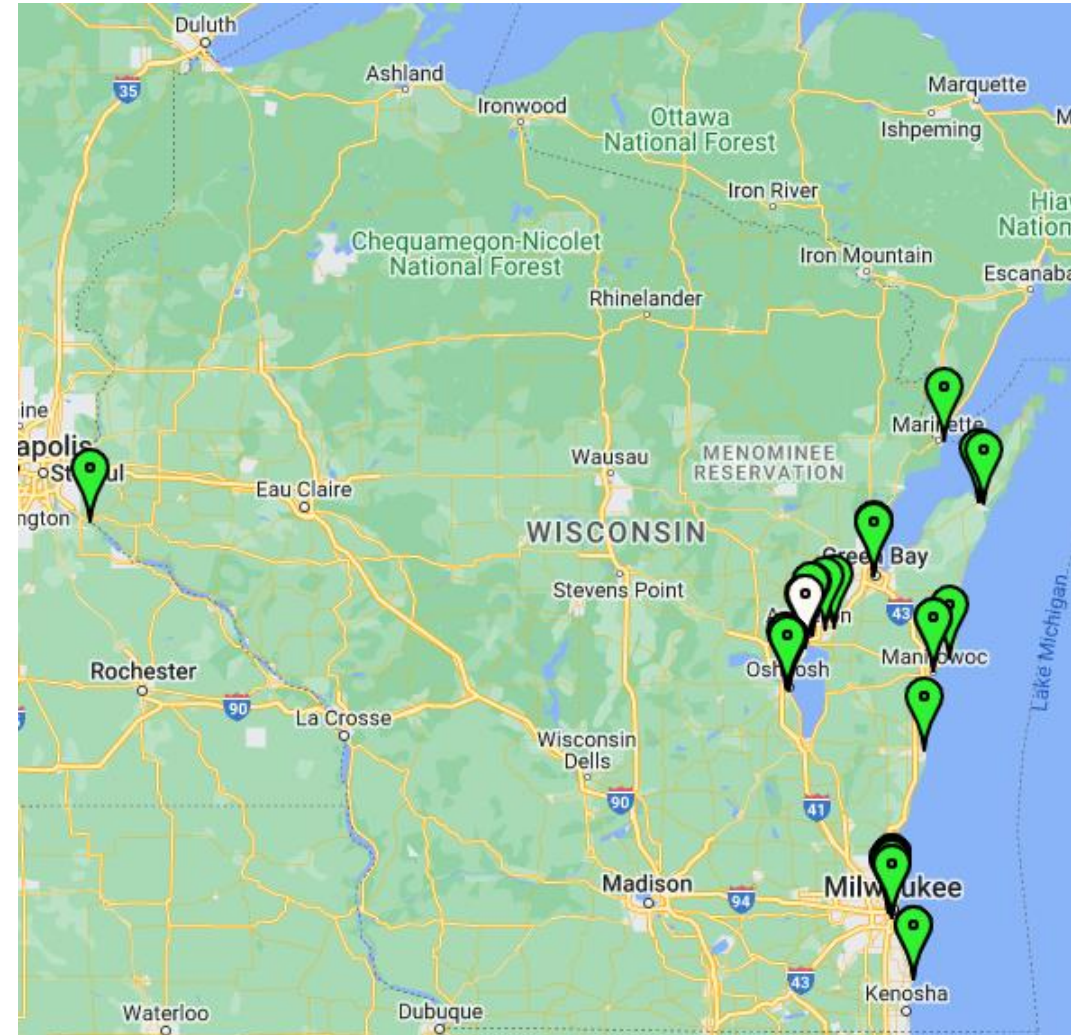


State Owned Bridges



# Wisconsin Bridge Inventory

- 42 movable bridges
  - 12 state-owned
  - 30 local-owned
- Top-5 movable inventory



# Wisconsin Bridge Inventory

- About 450 timber structures
  - All local-owned



# Wisconsin Bridge Inventory

- Signature bridges?

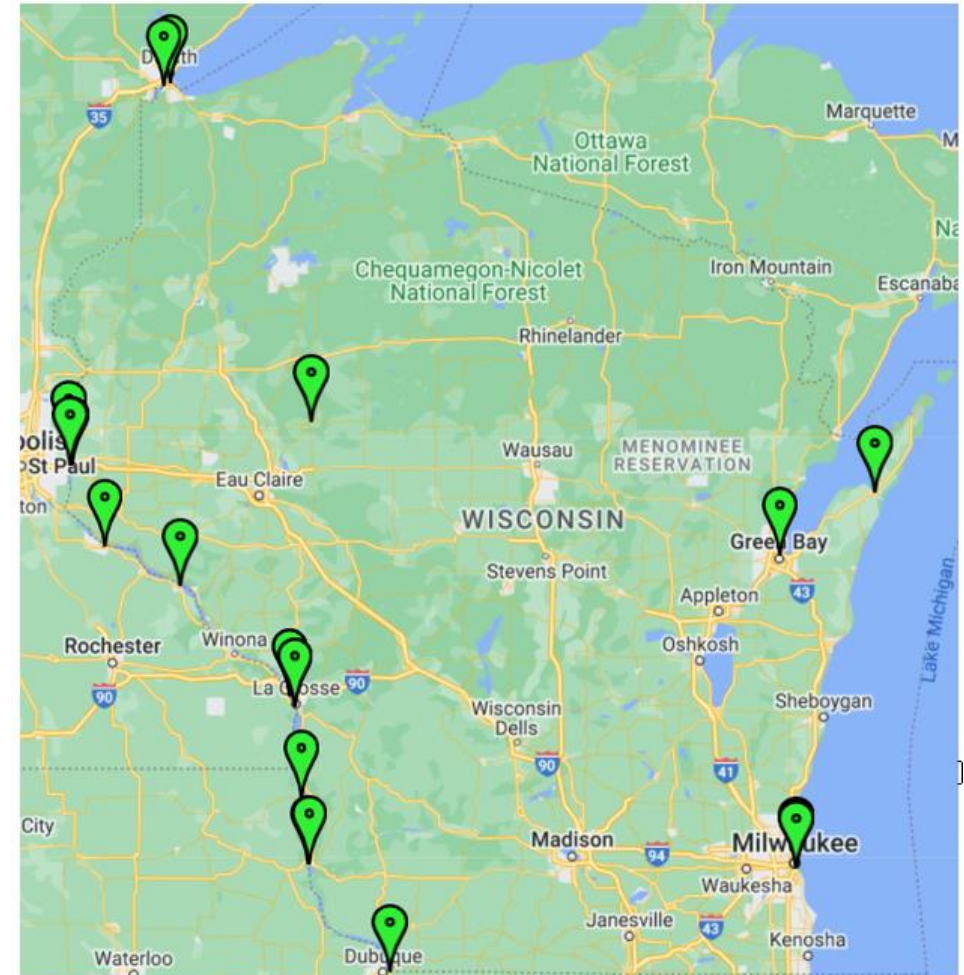
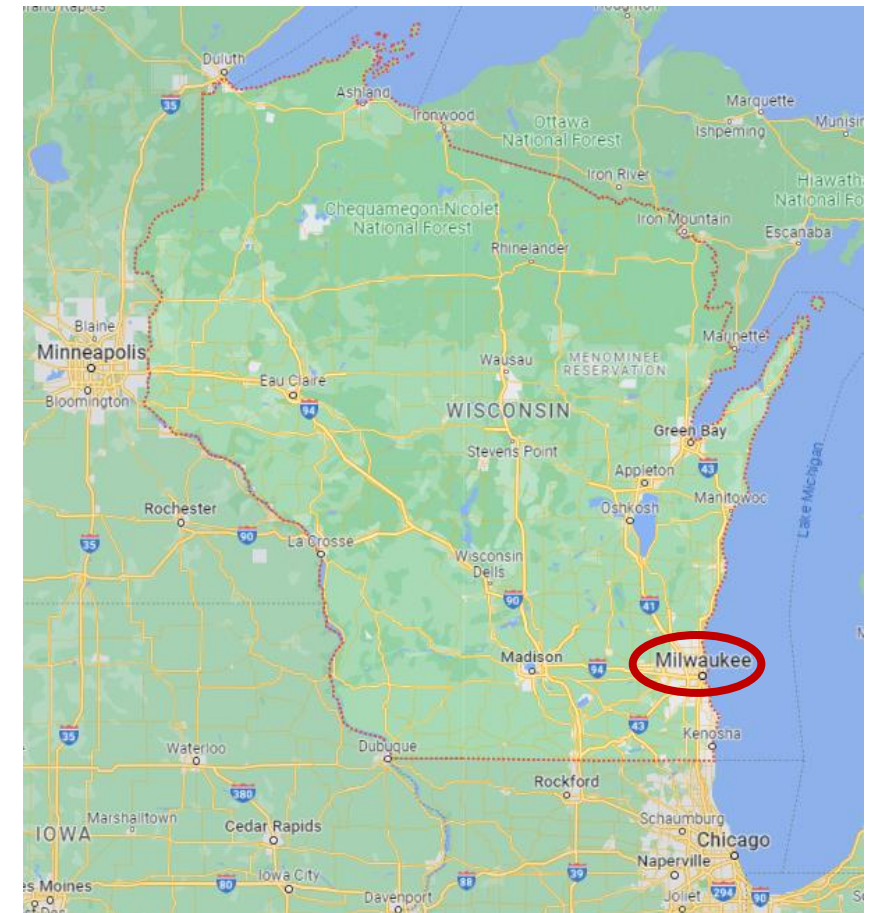


Exhibit E- Map Showing Bridges with span exceeding 300 feet

# Hoan Bridge - Milwaukee

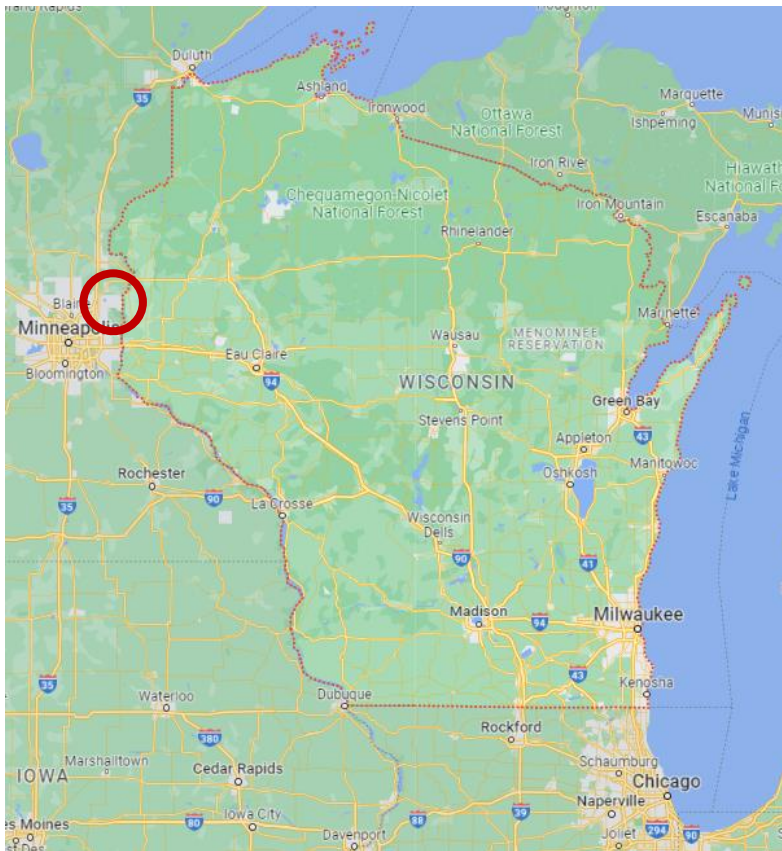


- Port of Milwaukee, Summerfest

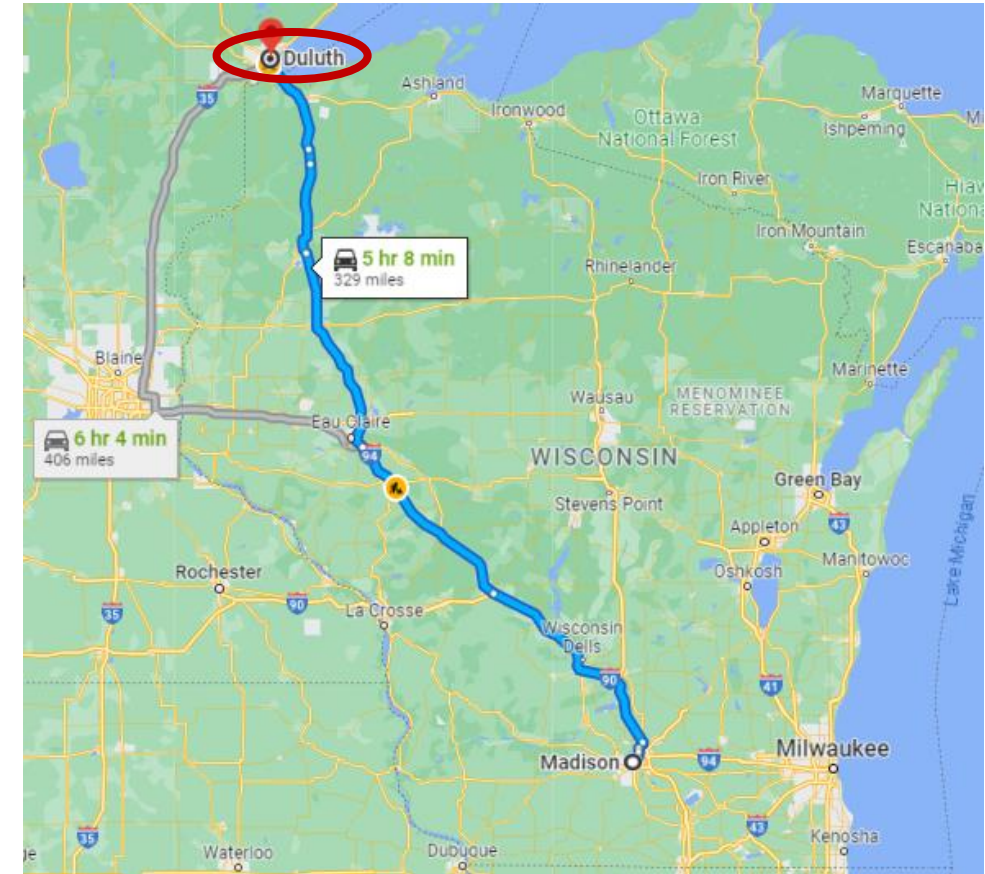
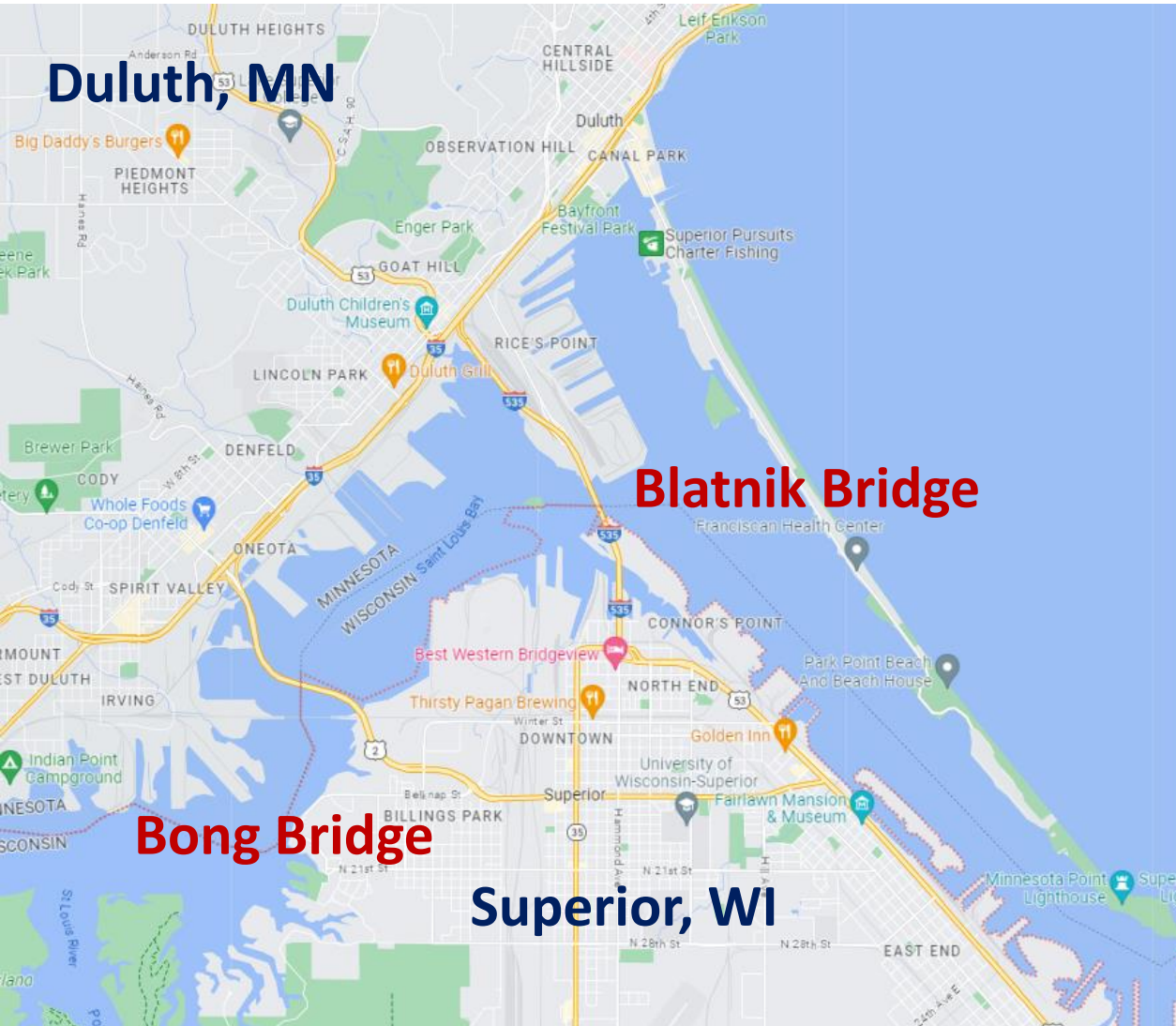


# St. Croix Crossing

- Connecting MN & WI near the Twin Cities



# Border Bridges in Superior-Duluth



# Bong Bridge





# Blatnik Bridge



- Bridge replacement project
- ~1.8B price tag

- Load posted (40 tons)
- History of corrosion, repairs

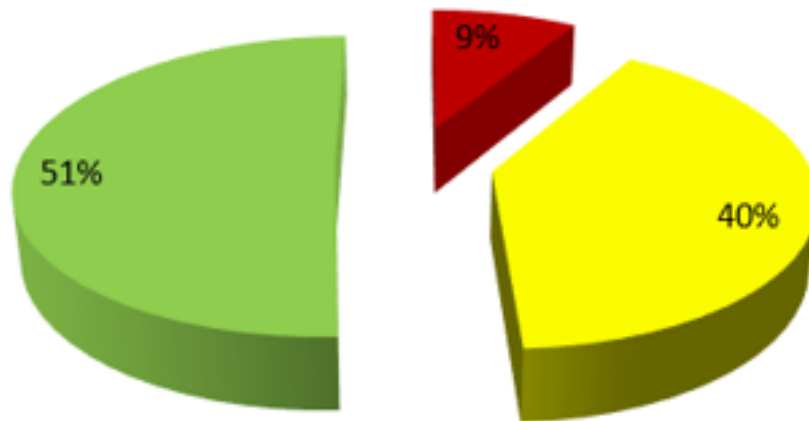


# Wisconsin Bridge Inventory

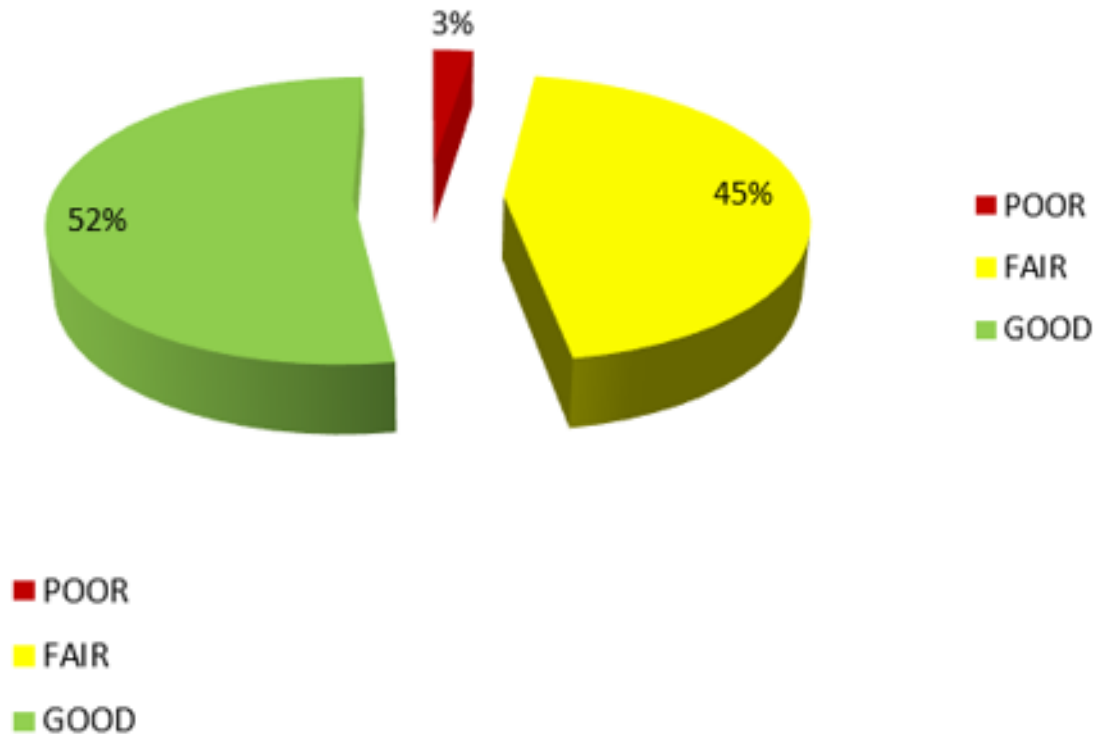
- **Load posted**

- 17 / 5,363 state-owned (0.3%)
- 504 / 8,957 local-owned (5.6%)

**NBI Condition Rating by # of Bridges  
Local Owned**



**NBI Condition Rating by # of Bridges  
State Owned**





# Madison!



# Lakes, Isthmus, & Capitol



# Active community

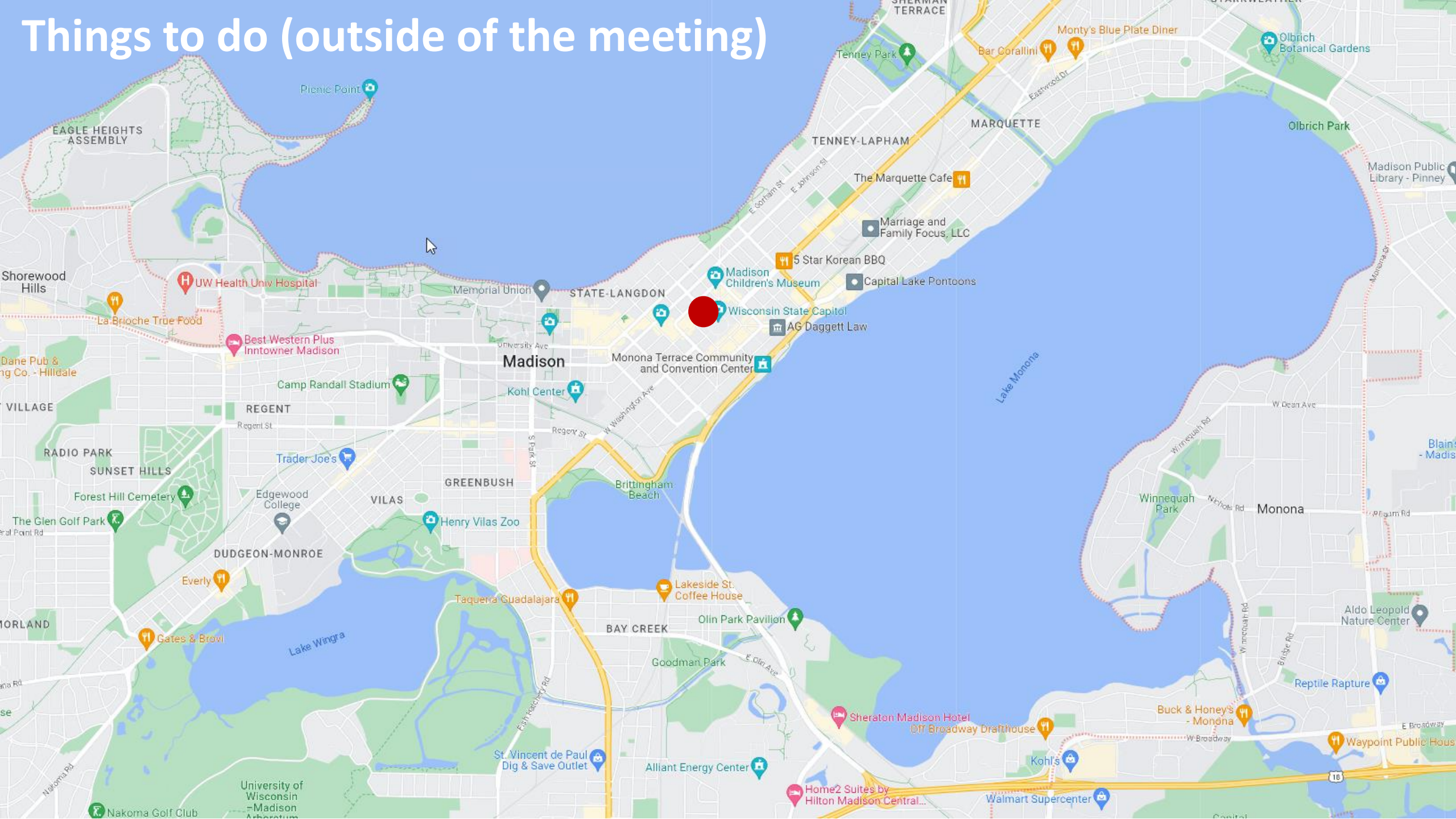


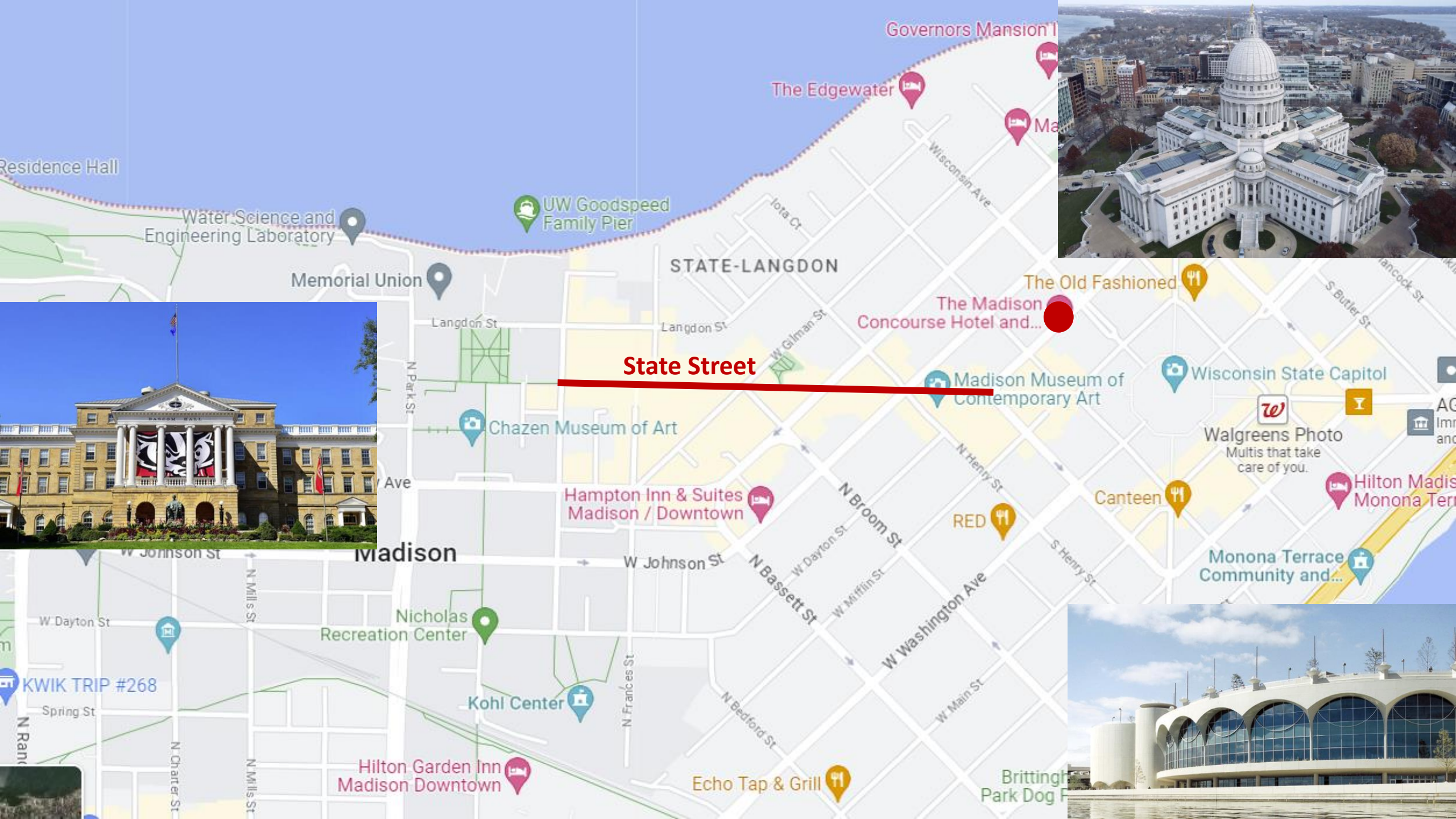


# University of Wisconsin



# Things to do (outside of the meeting)





Residence Hall

Water Science and Engineering Laboratory

UW Goodspeed Family Pier

Memorial Union

STATE-LANGDON

Governors Mansion

The Edgewater

Ma



Langdon St

Langdon St

State Street

The Madison Concourse Hotel and...

The Old Fashioned

Madison Museum of Contemporary Art

Wisconsin State Capitol

Chazen Museum of Art

Walgreens Photo  
Multis that take care of you.

Hampton Inn & Suites  
Madison / Downtown

RED

Canteen

Hilton Madison  
Monona Terrace



Madison

Nicholas Recreation Center

Kohl Center

Hilton Garden Inn  
Madison Downtown

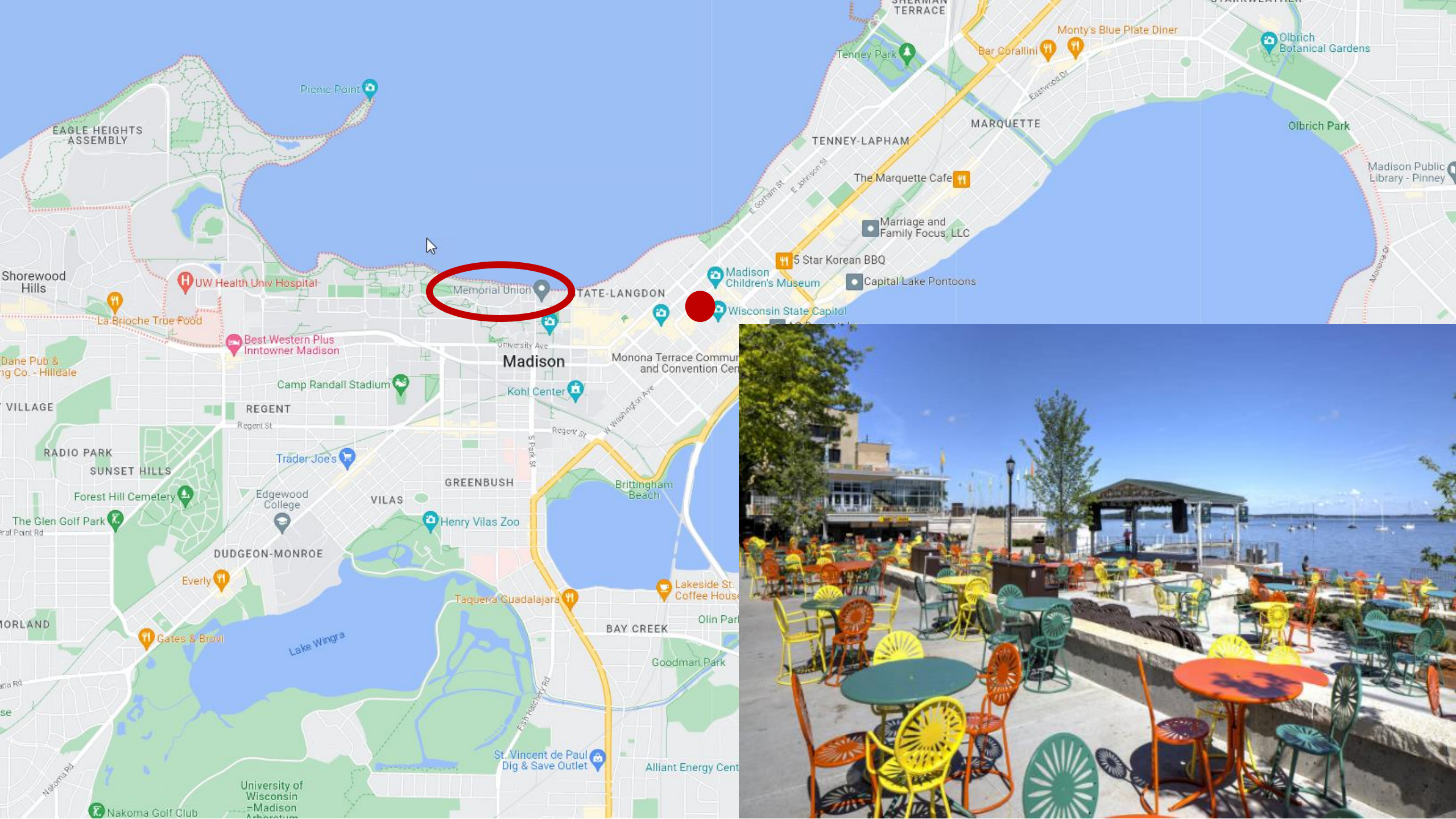
Echo Tap & Grill

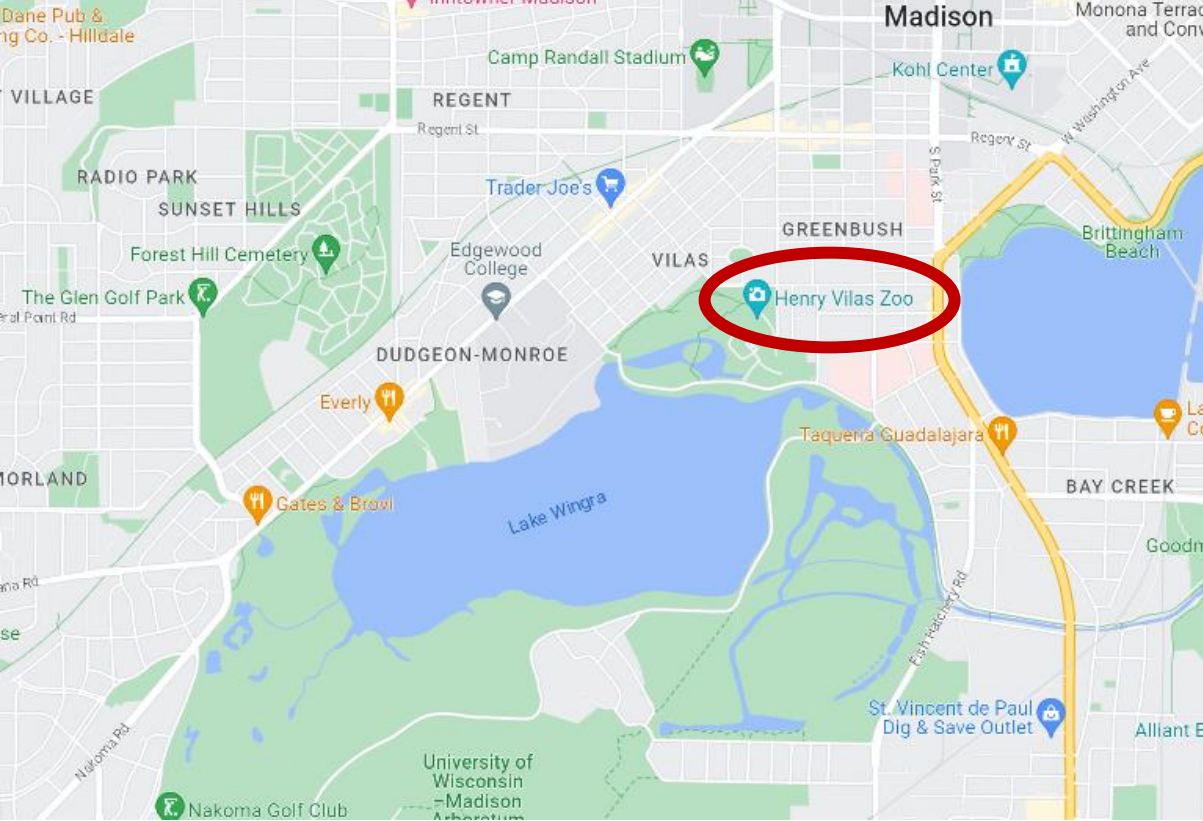
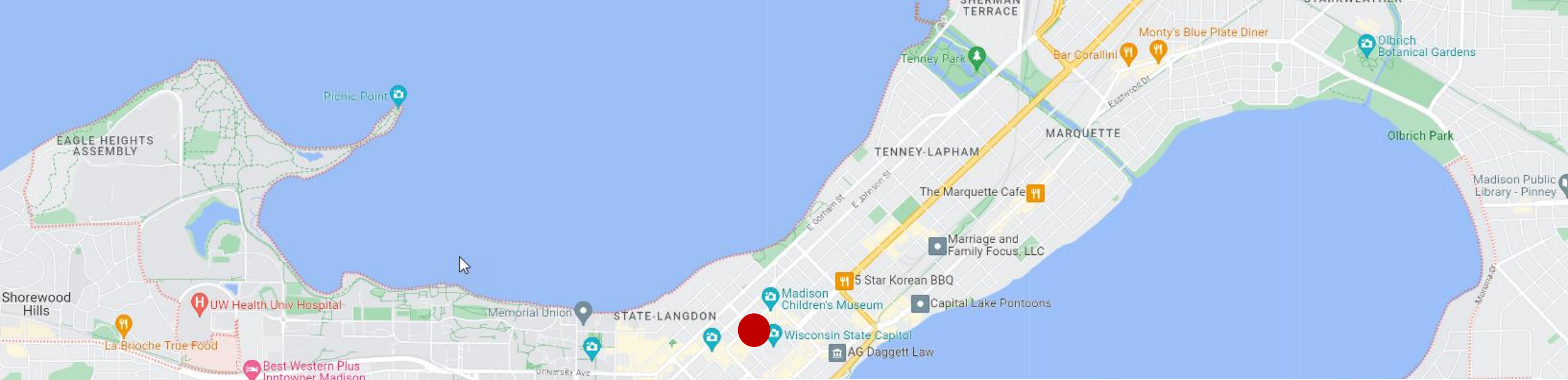
Brittingh  
Park Dog F



KWIK TRIP #268



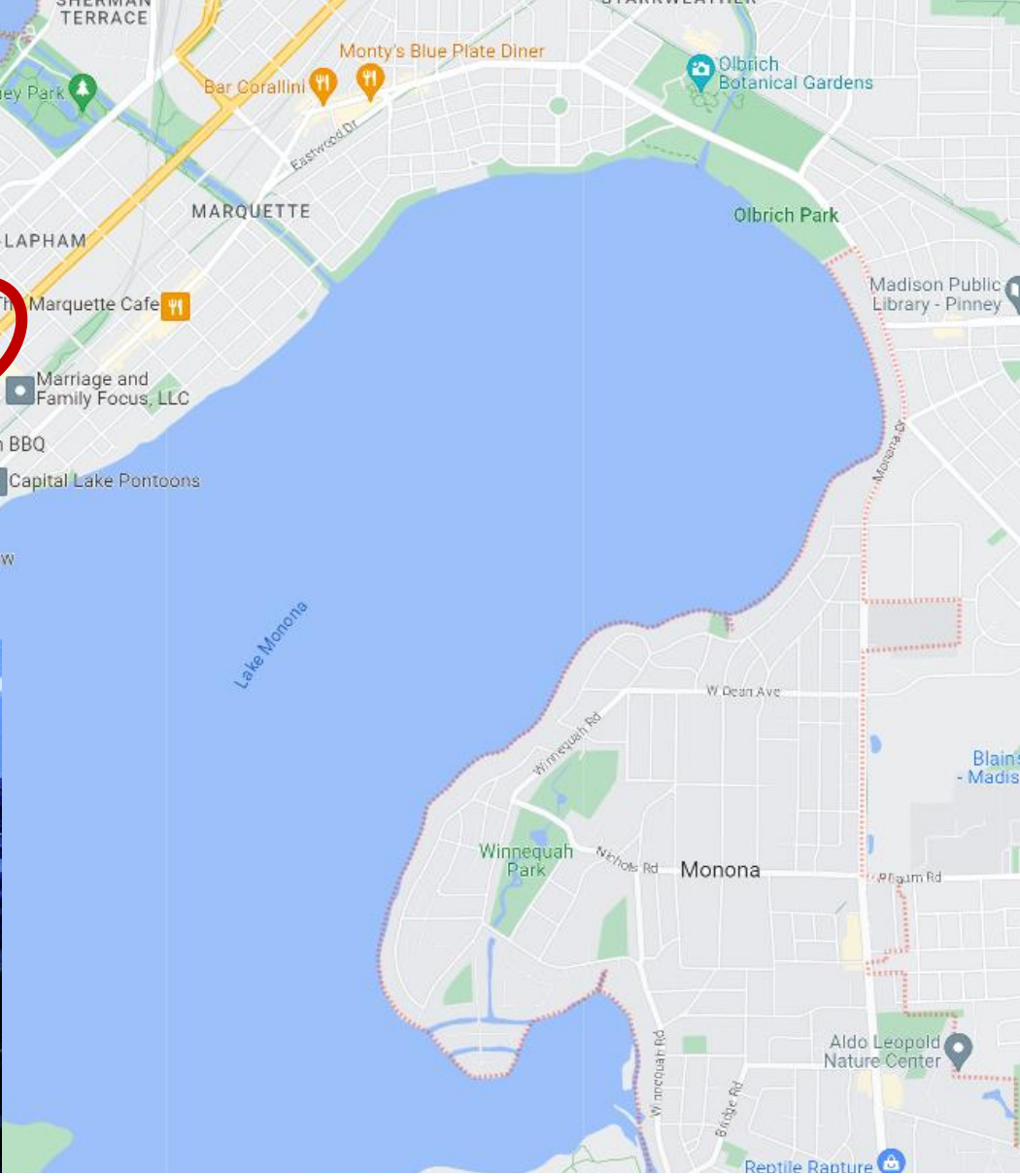
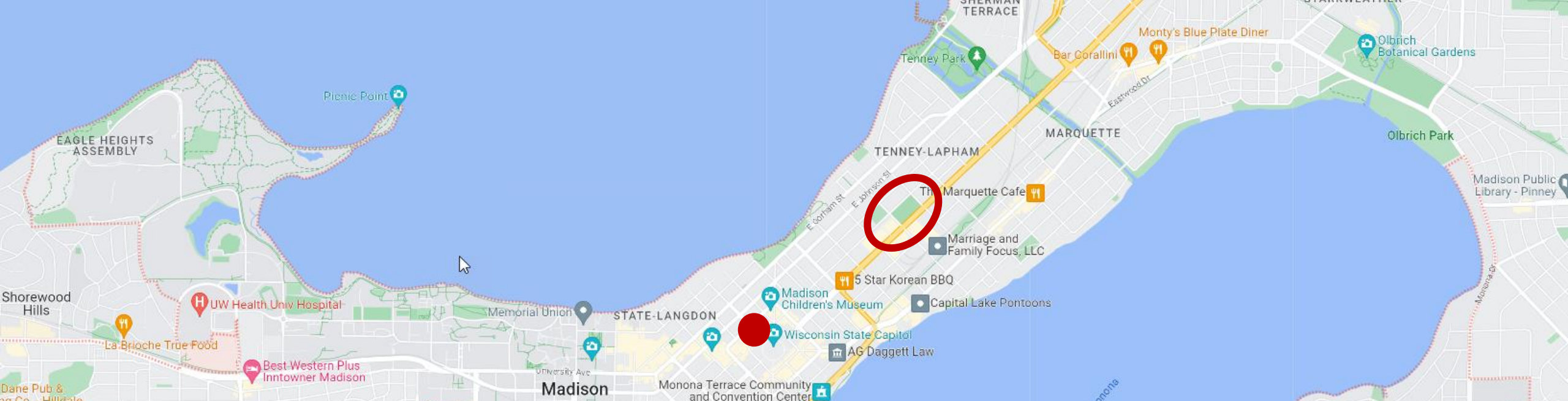







CONSERVATION / SUPPORT THE ZOO / RENT THE ZOO / [DONATE NOW](#)

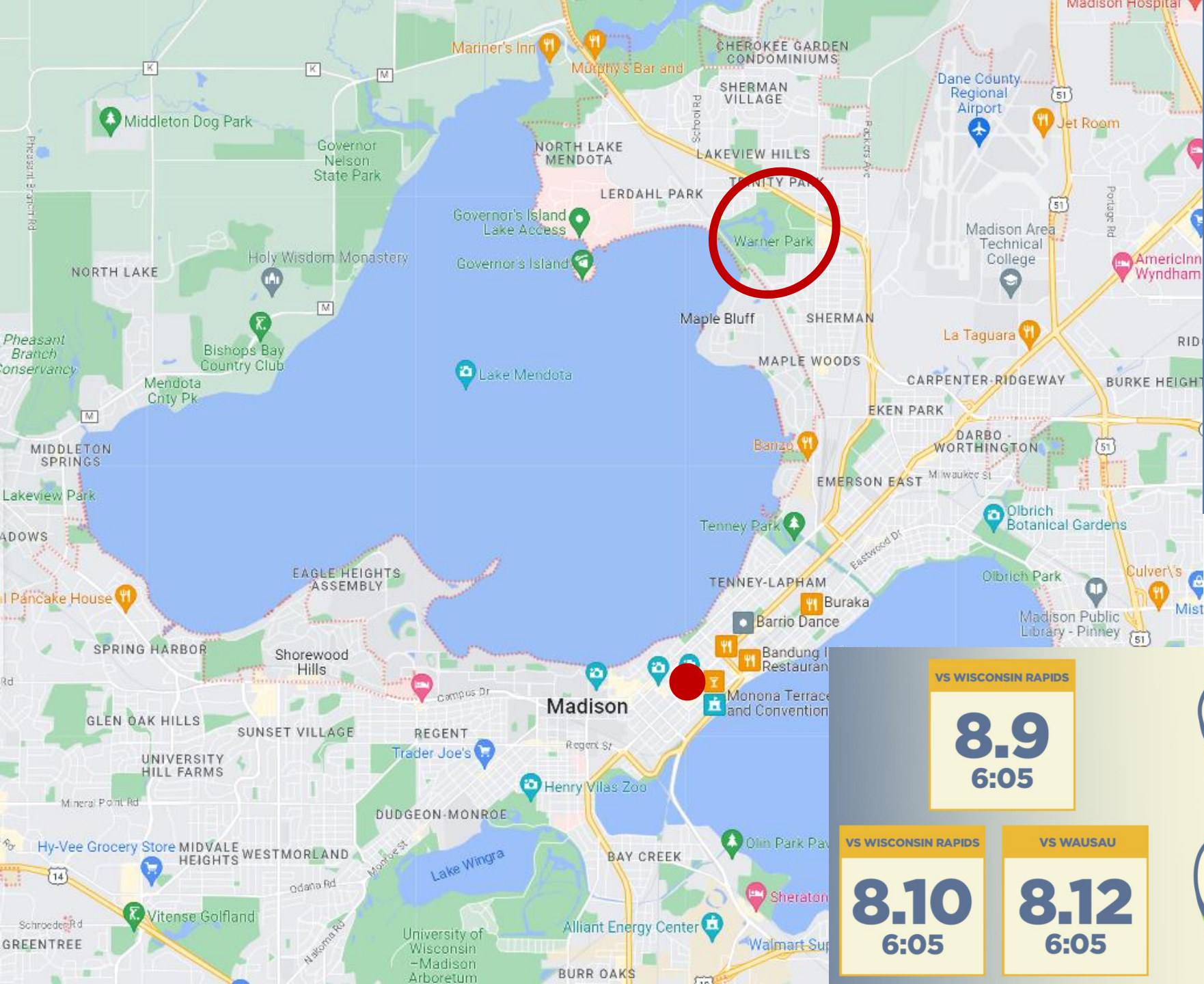
[VISIT](#) / [ANIMALS](#) / [EDUCATION](#) / [ABOUT US](#) / [VOLUNTEER](#)





USL1 - Wed, Aug 9, 7:00 PM

 **Forward Madison FC** vs **Chattanooga Red Wolves SC** 

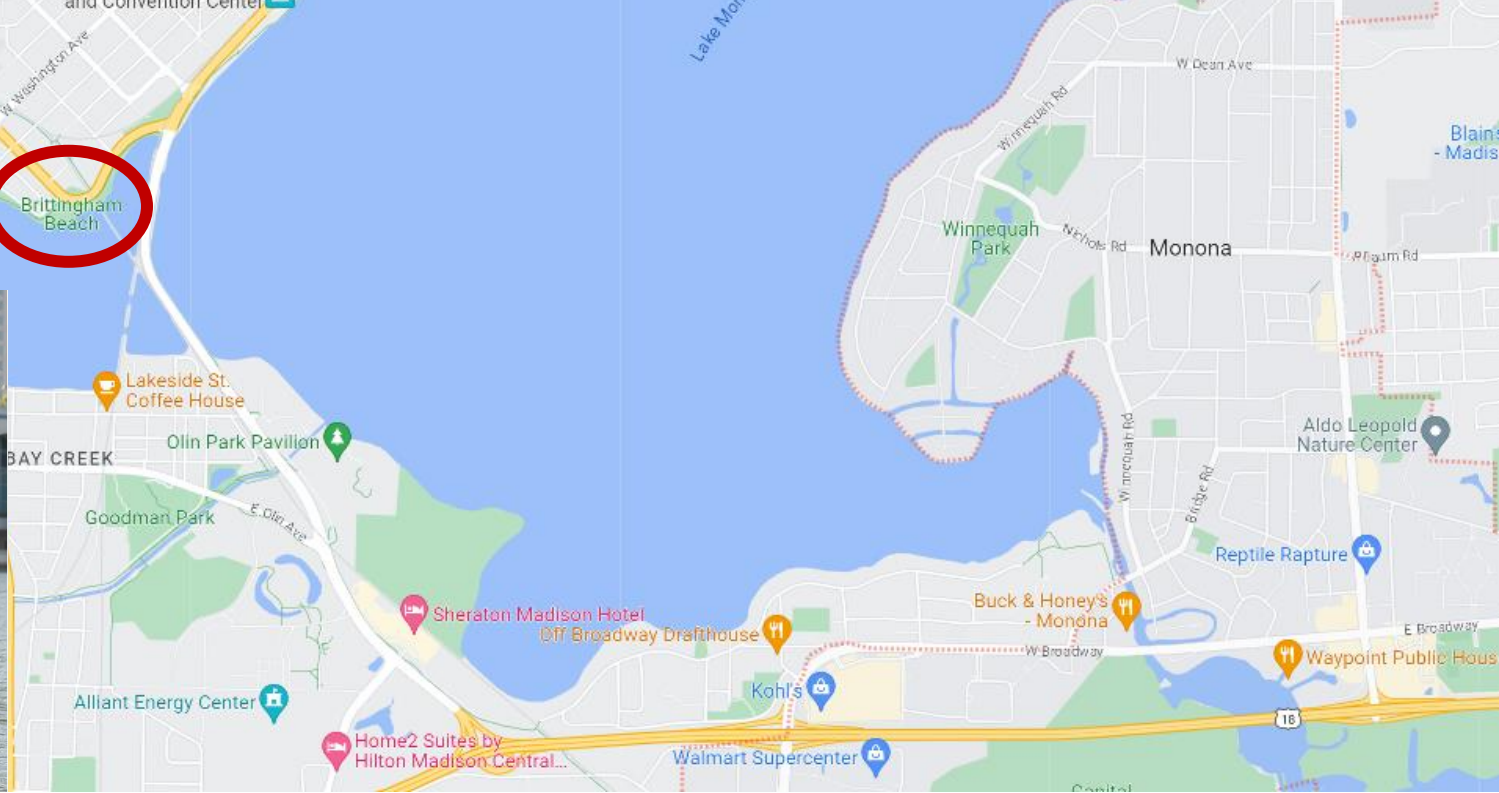
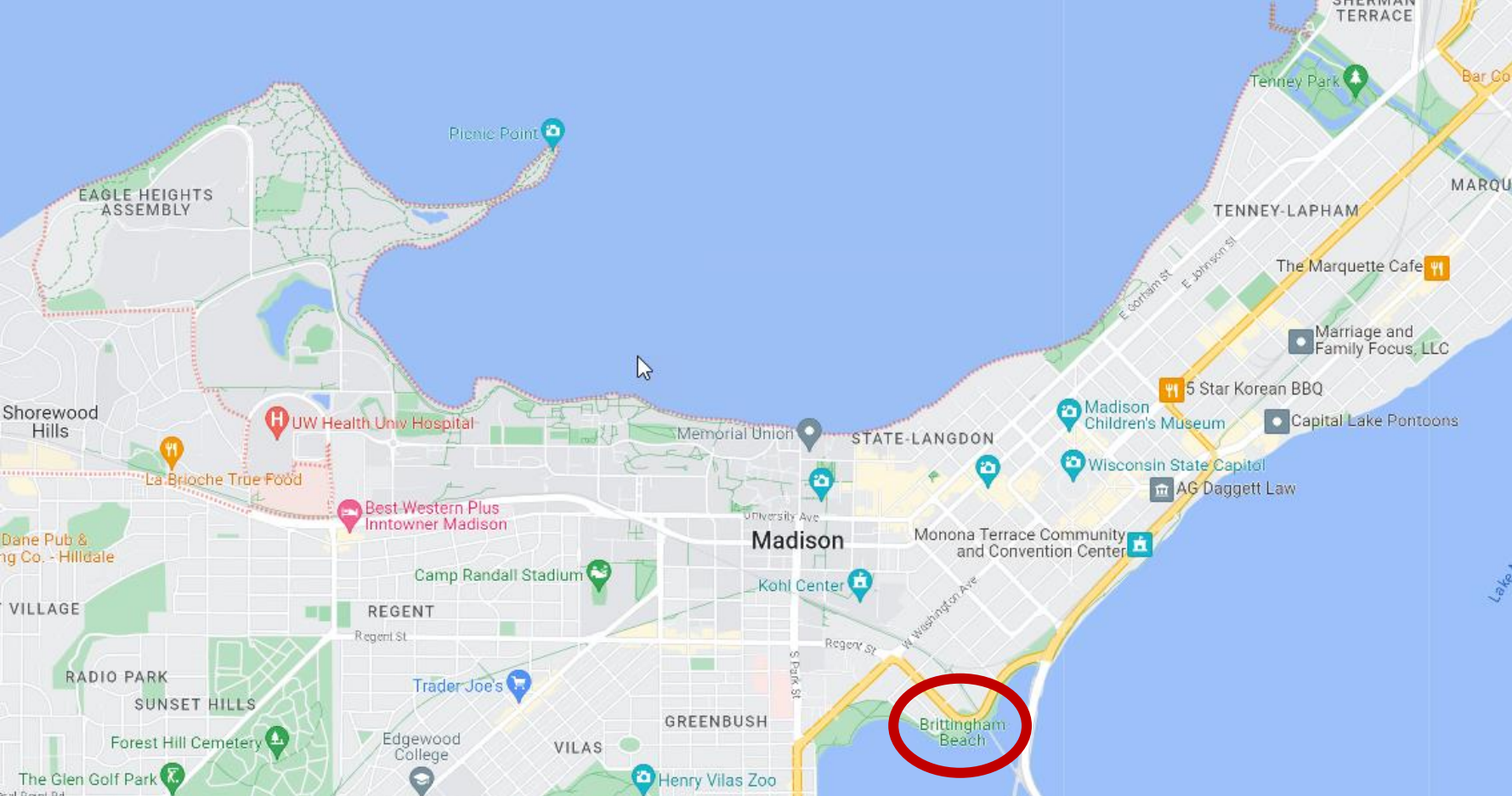


<b>VS WISCONSIN RAPIDS</b> <b>8.9</b> 6:05
<b>VS WISCONSIN RAPIDS</b> <b>8.10</b> 6:05
<b>VS WAUSAU</b> <b>8.12</b> 6:05



**ONLY THREE  
HOME GAMES  
LEFT IN 2023**





An aerial photograph of a road on a frozen lake, viewed through a yellow frame with three rounded rectangular cutouts. The road is a two-lane highway with a white center line and a white shoulder line. A small white car is driving on the road. The surrounding area is a vast expanse of broken, blue-tinted ice. The yellow frame is positioned in the foreground, framing the road and the car.

Enjoy your stay, ask questions!

