Williamson St—Peak Hour Lane Removal Test

Parking Restriction Changes

Eastbound:
Currently: No Stopping Standing or Parking 4:00 p.m. to 5:30 p.m.
Test: No Parking, Thursdays, 11am to 1pm

Westbound:
Currently: No Stopping Standing or Parking 7:00 a.m. to 8:30 a.m.
Test: No Parking, Thursdays, 9am to 11am
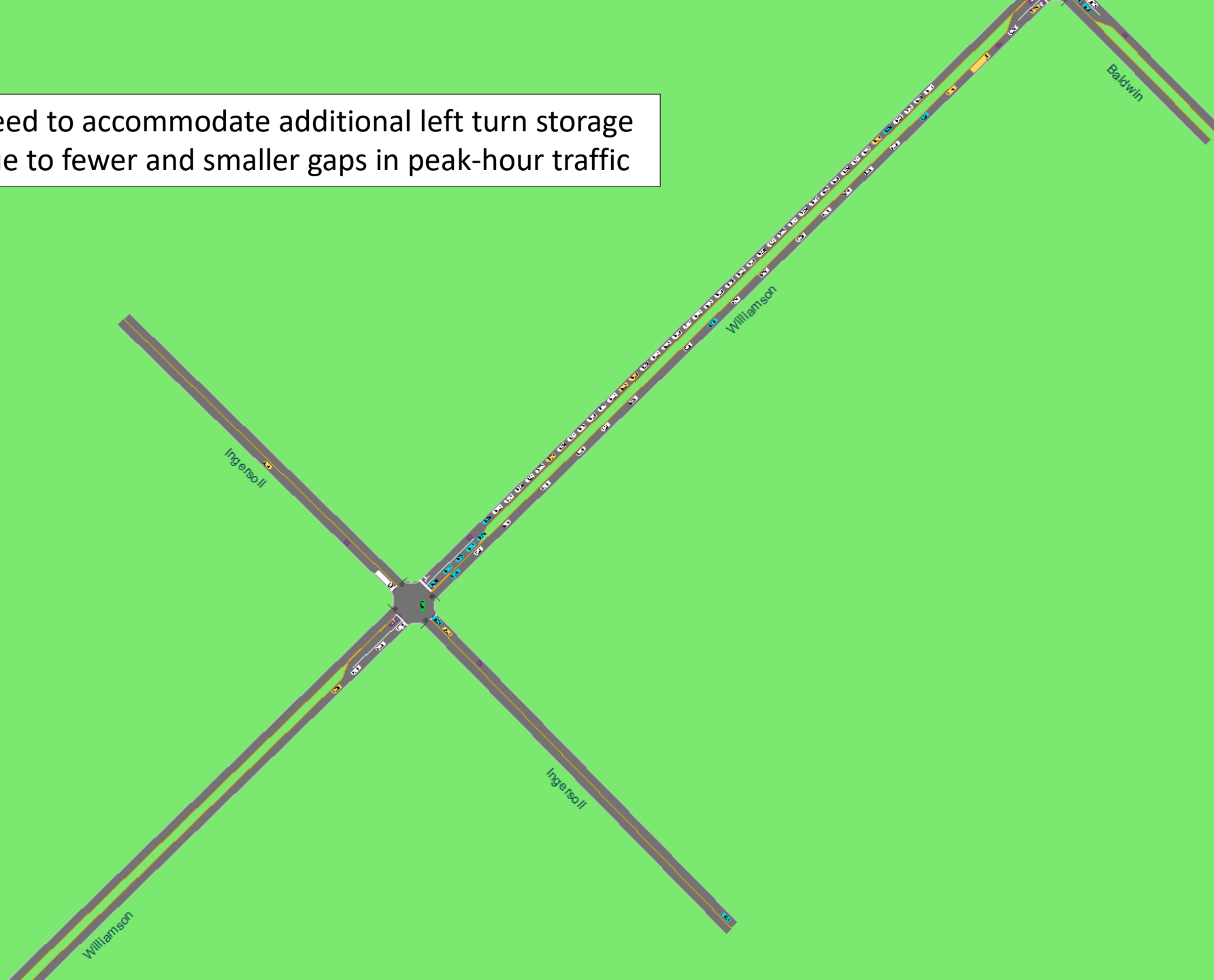
Sign Totals:
102—Sign removal
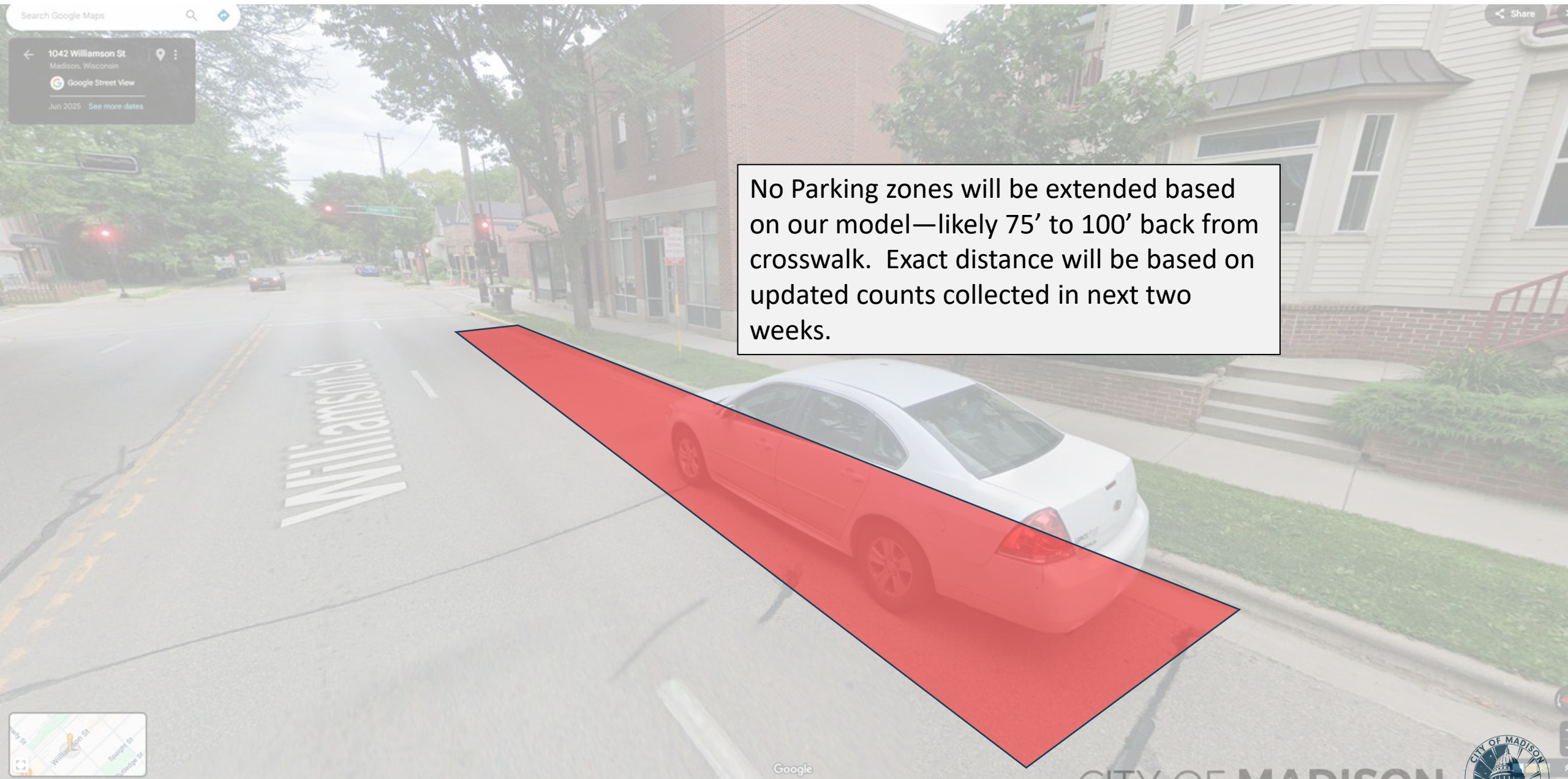**108—Sign install**
  16—New signposts
  10—Signposts to remove

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Need to accommodate additional left turn storage due to fewer and smaller gaps in peak-hour traffic

Potential Removal of Peak-Hour travel lanes

Schedule

1st day of MMSD & UW

Potential 1st day of John Nolen Dr lane closures

Labor Day

No MMSD

No MMSD

September						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

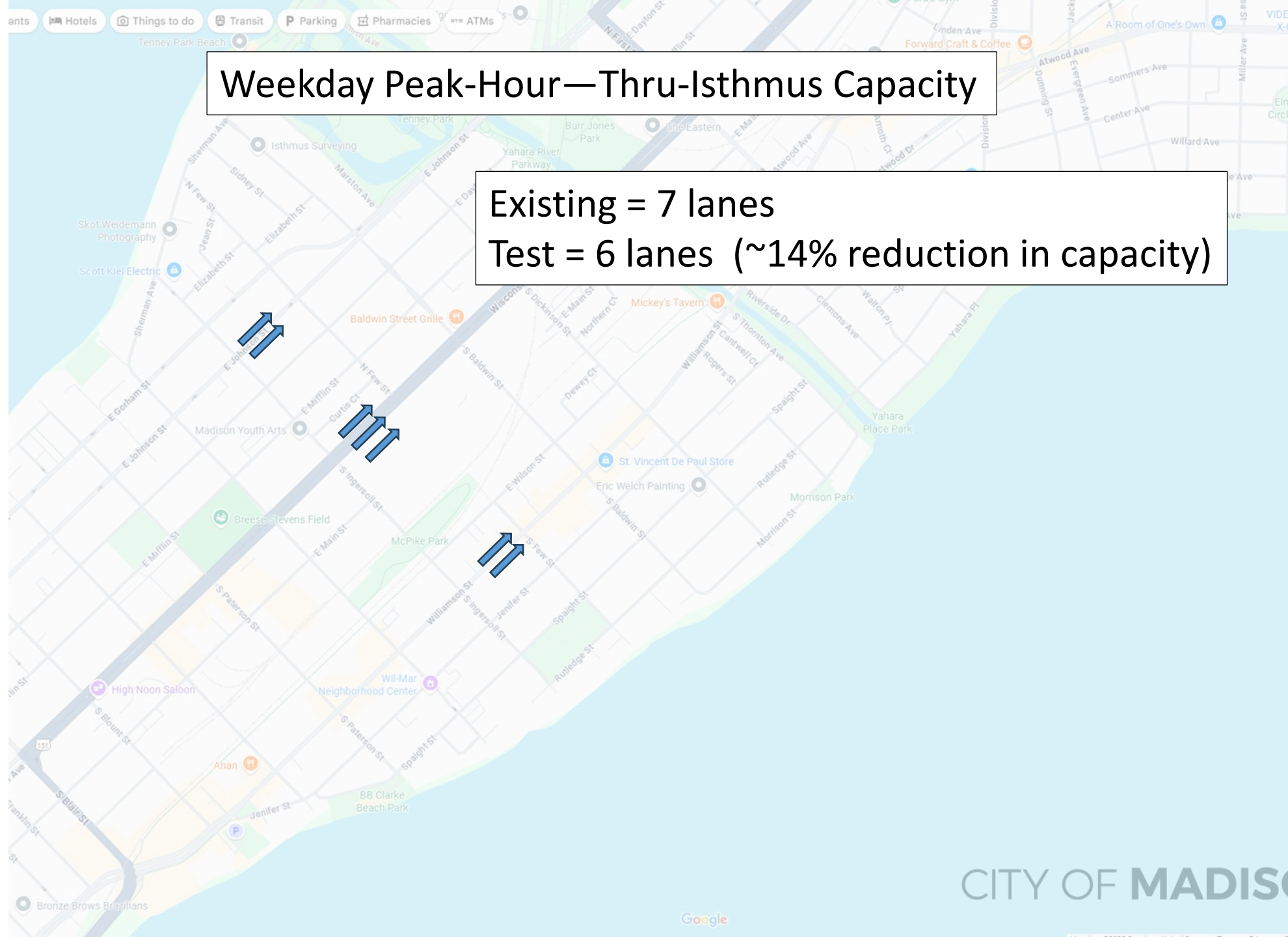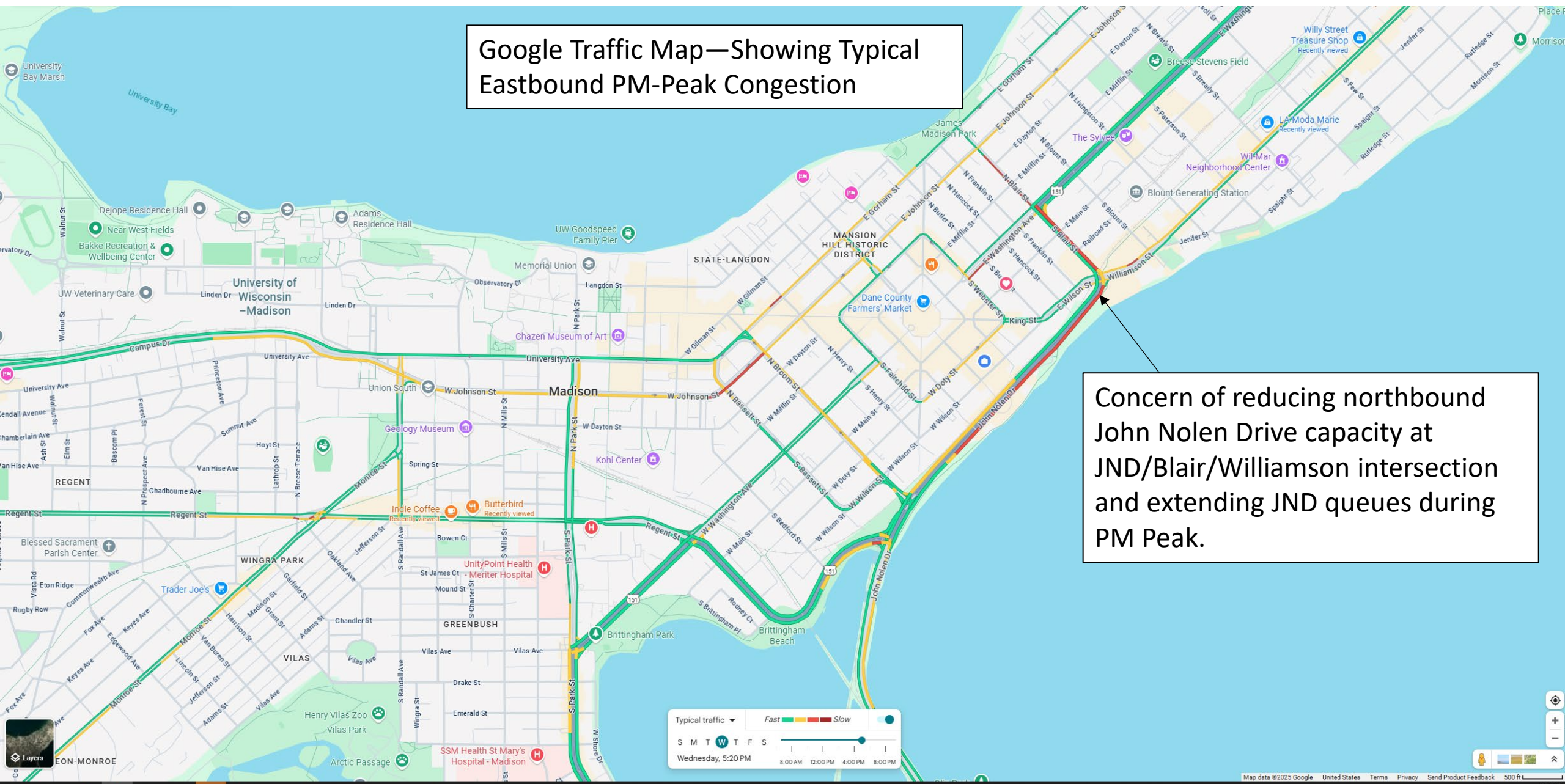| October						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

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Weekday Peak-Hour—Thru-Isthmus Capacity

Existing = 7 lanes
Test = 6 lanes (~14% reduction in capacity)

Google Traffic Map—Showing Typical Eastbound PM-Peak Congestion

Concern of reducing northbound John Nolen Drive capacity at JND/Blair/Williamson intersection and extending JND queues during PM Peak.
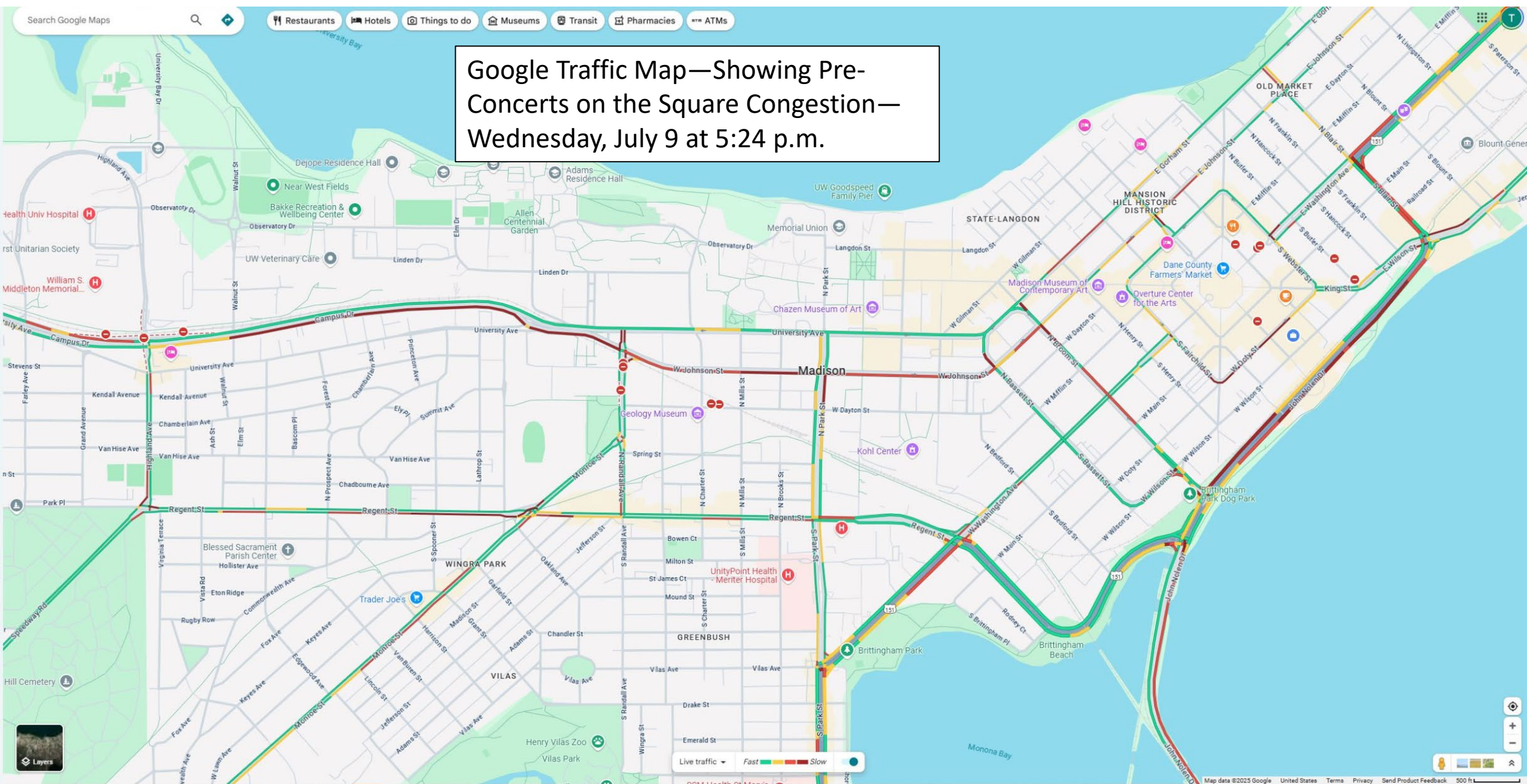
ONE WAY

Google Traffic Map—Showing Pre-Concerts on the Square Congestion—Wednesday, July 9 at 5:24 p.m.
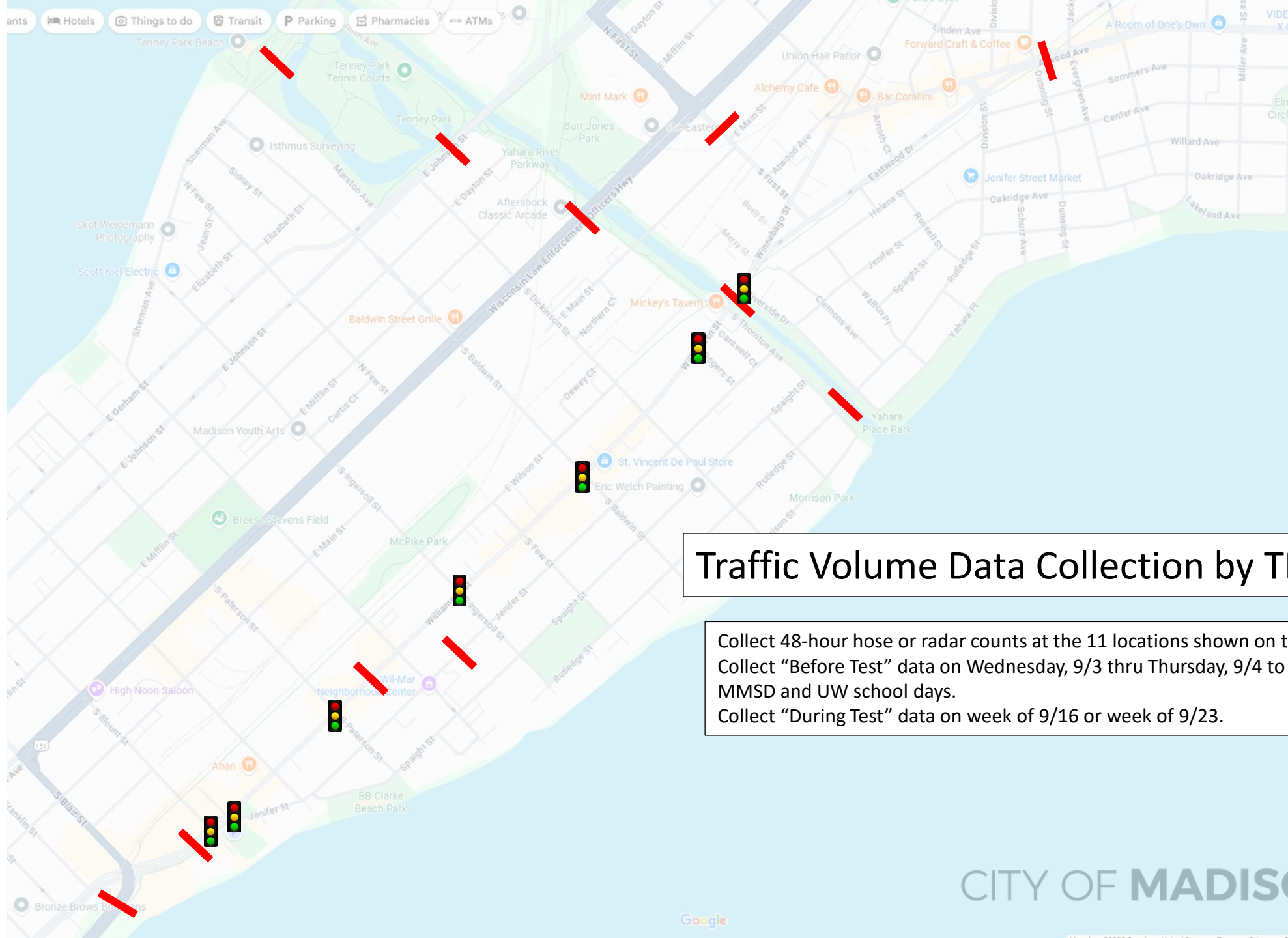
Data Collection

Streetlight Data

- Relies on large timeframes

- Uses connected vehicle data

- Lag in data availability
  - Test data would not be available for minimum of 6-12 months

- Williamson Street (~17,000 veh/day) is a good candidate

- Typically, within 10-15% of ground counts.

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Traffic Engineering Counts

Traffic Volume Data Collection by TE Staff

Collect 48-hour hose or radar counts at the 11 locations shown on this map.
Collect "Before Test" data on Wednesday, 9/3 thru Thursday, 9/4 to capture MMSD and UW school days.
Collect "During Test" data on week of 9/16 or week of 9/23.

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AM Peak Travel Time Data

Collect travel times on a Tuesday-Thursday starting around 7:30 a.m.
Collect "Before Test" data on Wednesday, 9/3 thru Thursday, 9/4 to capture MMSD and UW school days.
Collect "During Test" data on week of 9/16 or week of 9/23.
Start right after crossing First St.
End when entering the Monona Terrace Tunnel.

Start

End

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AM Peak Travel Time Data

Collect travel times on a Tuesday-Thursday starting around 7:30 a.m.
Collect "Before Test" data on Wednesday, 9/3 thru Thursday, 9/4 to capture MMSD and UW school days.
Collect "During Test" data on week of 9/16 or week of 9/23.
Start at the Yahara River Bridge.
End when entering the Monona Terrace Tunnel.

Start

End

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PM Peak Travel Time Data

Collect travel times on a Tuesday-Thursday between 4:30 p.m. and 5:30 p.m.
Collect "Before Test" data on Wednesday, 9/3 thru Thursday, 9/4 to capture MMSD and UW school days.
Collect "During Test" data on week of 9/16 or week of 9/23.
Start after crossing Broom Street.
End when crossing Thornton Ave.

End

Note time to cross Blair/Williamson intersection

Start

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PM Peak Travel Time Data

Collect travel times on a Tuesday-Thursday between 4:30 p.m. and 5:30 p.m.
Collect "Before Test" data on Wednesday, 9/3 thru Thursday, 9/4 to capture MMSD and UW school days.
Collect "During Test" data on week of 9/16 or week of 9/23.
Start after crossing Broom Street.
End when crossing the Yahara River bridge.

End

Note time to cross Blair/Williamson intersection

Start

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Count left turns from Williamson Street to Baldwin St and to Ingersoll St from 4:45 p.m. to 5:15 p.m. on a Tuesday, Wednesday, or Thursday between Tuesday, 8/19 and Wednesday 8/27.

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Traffic Cameras for Monitoring Test

- Installing new traffic cameras not feasible for a 2025 test (funding & schedule)

- Instead, rely on local video setups and drone video

No existing coverage on Williamson Street east of Blount St.

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