

MILWAUKEE ARENA TRAFFIC REPORT

10.23.2015

SUMMARY OF RECOMMENDED TRAFFIC IMPROVEMENTS

Location	Phase	Recommended Improvements
McKinley Ave & 6 th Street intersection	Phase 1	Install the following: <ul style="list-style-type: none"> • Monotube traffic signals. • Lagging signal phase for northbound left turns. • Leading protected-permitted signal phasing for southbound left turns. • Permitted signal phasing under flashing yellow for eastbound & westbound left turns.
McKinley Avenue & 5 th Street intersection*	Phase 1	Install stop sign at northbound approach. Potential need for police traffic control during special events/game nights.*
McKinley Avenue & 4 th Street intersection	Phase 1	Northbound approach reduced to include left turn bay & shared through/right turn lane. Northbound left turn protected signal phasing can be removed. Install eastbound left turn protected signal phasing.
McKinley Avenue & 3 rd Street intersection	Phase 1	Install westbound protected left turn signal phasing.
Juneau Avenue Corridor (between 6 th St and 4 th St)	Phase 1	Eastbound: 1 through lane & 1 valet lane. Westbound: 1 through lane & 1 continuous right turn lane.
Juneau Avenue & 6 th Street intersection	Phase 1	Eastbound & Westbound approaches modified to 1 left turn bay, 1 through lane & 1 right turn lane.
	Phase 2	Eastbound and westbound left turn protected signal phasing.
Juneau Avenue & 5 th Street intersection*	Phase 1	Install stop sign at southbound approach. Potential need for police traffic control during special events/game nights.*
Juneau Avenue & 4 th Street intersection	Phase 1	Southbound approach reduced to include left turn bay & shared through/right turn lane.
Juneau Avenue & 3 rd Street intersection	Phase 1	Re-stripe westbound approach to include 1 left turn bay, 1 through lane & 1 right turn only lane.
	Phase 3	Install eastbound left turn protected signal phasing.
Highland Avenue & 6 th Street intersection**	Phase 1	Investigate need and operation of two northbound right turn lanes (1 exclusive right turn lane & shared through/right turn lane) to facilitate pregame operations. Could include police traffic control and temporary traffic control devices (cones, etc.) during special events/game nights.**
Highland Avenue & 4 th Street intersection	Phase 1	Current traffic signal could be replaced with more pedestrian-friendly controls, such as stop sign, yield sign or pedestrian beacons.
State Street Corridor (east of 6 th Street)	Phase 1	Investigate feasibility of modifying State Street, east of 6 th Street to two-way operation to facilitate event traffic flow and the development of Blocks 2 and 3.
State Street & 6 th Street intersection**	Phase 1	Remove northbound left turn protected signal phasing during postgame time period.**
State Street & 5 th Street intersection**	Phase 1	Install stop sign at southbound approach. Potential need for police traffic control during special events/game nights.**

Note: All intersections above are also recommended to include traffic signal timing adjustments. Seven additional intersections are recommended to require signal timing adjustments only: Fond du Lac Avenue & IH 43 southbound ramp, Highland Avenue & IH 43 southbound ramp, Knapp Street & Water Street, Juneau Avenue & Water Street, State Street & Water Street, Kilbourn Avenue & 6th Street, and Wells Street & 6th Street.

* Depends on the final design and operation of Block 7 parking structure.

**Depends on the final design and operation of Block 2 parking structure.

November 13, 2015