

Proposal for Rectification of Traffic at 12th & Jackson

Problem

The current signal control timing has added up to two minutes to each Metro Route which passes through these intersections. The ridership of Metro routes through these intersections is over 20,000 per day. The current configuration, however satisfactory in the engineering sense, fails in the real world.

The configuration fails to take into account:

- a. Pedestrians crossing 12th at any point between Jackson and King, and pedestrians crossing Jackson at any point within 150 ft of the intersection, although I have only observed this 5 times in my 12 visits on foot to the area.
- b. The Hau Hau Market's use of fork lifts in the street at all times of the day.
- c. Metro Route 36 Stop Northbound at Weller and no left turn signal for Northbound 12th, leading to backups across the Dr. Jose Rizal Bridge (aka, 12th Avenue Bridge) northbound.
- d. People who do not read our road signs and turn left from 12th to Jackson during posted no turn hours.
- e. People who insist on turning left from 12th to Jackson during posted no turn hours.

The very randomness of these activities results in increased anxiety and increases the chances of accidents occurring. Most people would not mind waiting through two signal changes if they know that whichever lane they are in will flow freely when the light changes.

The Intersections:

1. Yesler & Boren, Yesler & 12th, and Boren & 12th Avenue
 - a. Retime to fit other nearby intersections, Boren & Rainier, Jackson & 14th and Jackson & 12th.

NOTE: There is now traffic turning left into/out of South Main from both north and southbound 12th.
2. Boren, Rainier, Jackson, & 14th Avenue
 - a. Eliminate Left Turn Lanes on all these streets, and turning restrictions.
 - b. Set signals for 4-way operation, with Boren southbound as one, Rainier northbound as two, Jackson both directions as three, and 14th southbound as four.

NOTE: 14th southbound would get a very short cycle.
3. Jackson & 12th Avenue
 - a. Eliminate any vestige of left turn lanes and turning restrictions.
 - b. Set signals for 4 way operations, northbound 12th, westbound Jackson, southbound 12th and eastbound Jackson
4. King & 12th and Weller & 12th Avenue
 - a. Remove Left turn lanes from 12th at King.
 - b. Ban parking on 12th from Jackson to the Rizal Bridge, and create tow-away zones.
 - c. Install truck loading zones at least 40 feet long on King in both directions.
 - d. Set signals to 3-way operations, northbound 12th, east/west King, and southbound 12th.
5. Golf Drive and 14th/15th intersection
 - a. Install a signal where Golf Drive divides into 14th and 15th. This will slow traffic that now speeds up 14th Avenue, which is a narrow street, and causes local pedestrians real anxiety.