

# Proposal for Rectification of Traffic at 12<sup>th</sup> & 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 12<sup>th</sup> 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 12<sup>th</sup>, leading to backups across the Dr. Jose Rizal Bridge (aka, 12<sup>th</sup> Avenue Bridge) northbound.
- d. People who do not read our road signs and turn left from 12<sup>th</sup> to Jackson during posted no turn hours.
- e. People who insist on turning left from 12<sup>th</sup> 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 & 12<sup>th</sup>, and Boren & 12<sup>th</sup> Avenue
  - a. Retime to fit other nearby intersections, Boren & Rainier, Jackson & 14<sup>th</sup> and Jackson & 12<sup>th</sup>.  
  
NOTE: There is now traffic turning left into/out of South Main from both north and southbound 12<sup>th</sup>.
2. Boren, Rainier, Jackson, & 14<sup>th</sup> 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 14<sup>th</sup> southbound as four.  
  
NOTE: 14<sup>th</sup> southbound would get a very short cycle.
3. Jackson & 12<sup>th</sup> Avenue
  - a. Eliminate any vestige of left turn lanes and turning restrictions.
  - b. Set signals for 4 way operations, northbound 12<sup>th</sup>, westbound Jackson, southbound 12<sup>th</sup> and eastbound Jackson
4. King & 12<sup>th</sup> and Weller & 12<sup>th</sup> Avenue
  - a. Remove Left turn lanes from 12<sup>th</sup> at King.
  - b. Ban parking on 12<sup>th</sup> 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 12<sup>th</sup>, east/west King, and southbound 12<sup>th</sup>.
5. Golf Drive and 14<sup>th</sup>/15<sup>th</sup> intersection
  - a. Install a signal where Golf Drive divides into 14<sup>th</sup> and 15<sup>th</sup>. This will slow traffic that now speeds up 14<sup>th</sup> Avenue, which is a narrow street, and causes local pedestrians real anxiety.