

Traffic Safety Advisory Board
July 1, 2009 **6:00pm** **Council Chambers**

In attendance: Mike Tokai, Don Bandkau, Linda Basista, Jim Bohn, Tom Wightman, Larry Schillinger

Public in attendance: 2 persons

Call to Order: Mike Tokai 6:02pm

Call to Public: No one responded to the call to public

City Traffic Engineer presentation Main and Grand River: Linda Basista and Kyle Ramakers from Tetra Tech presented models on the traffic patterns and proposed signal changes at Main and Grand River. The traffic counts used were provided by MDOT when they studied Grand River.

The proposed changes are:

1. To introduce a permitted and protected left. Currently it is a protected left only.
2. Tie the Main and Grand River signal to North and Grand River. Currently North Street is on a sensor for a green light.
3. Allow a right turn on red that would require an LED sign to indicate such.

Allowing permitted lefts at the intersection would allow left turns when there are acceptable gaps in the opposing traffic which would provide the potential for more vehicles to make the left turns during a signal cycle thereby reducing the stacking of vehicles in the left turn lane.

Currently Northbound Grand River stacks up because the North and Grand River light is on a sensor for North, if no cars are on North, the Grand River traffic continues to flow. By tying the two lights together, there would be a natural clearing for each intersection.

These changes would be completed in conjunction with the new streetscape plan that would replace the arms, poles and fixtures. The controller box is new and would not need to be replaced.

A concern was expressed by Chief Wightman on the proposed change that would allow right turn on red. The intersection is angled and with the proximity of some of the buildings the sight distance would not be adequate unless the vehicles crossed over the stop bar. Possibly the sight distance is adequate from Westbound Main to Northbound Grand River.

Part of the funding would come from the DDA and a MHSTA grant.

Currently there are 4 poles at the Main 4 that would be replaced by 2 poles. It would not be necessary to close the intersection for a significant period of time during the installation.

The TSAB approved the following:

To introduce the permitted and protected left at Main and Grand River and to tie the lights at Main and Grand River to the Lights at North and Grand River.

Further study needs to be done to see if the sight distance for a right turn on red from WB Main to NB Grand River only would be adequate.

Other issues and Business: No other issues were discussed.

Meeting Adjourned: 6:52