Transit Revolution – Phase Three
Five Minute Freeway Transit in the beltway, west of the Mississippi!

Preliminary and initial plan by: Bob Carney Jr. – 6-6-13 version

Brief analysis:

The maps below show how population density is distributed in the greater Twin Cities metro area. The second one from the left shows what I see as the four main groupings inside the beltway – divided by the Mississippi. The third from the left combines areas 1 and 2, and shows that other major areas are clustered around this combined area. The map on the right shows how the combined areas 1 and 2 fit in with the river and the rail lines. Here’s the bottom line – as a starting point for Five Minute Freeway Transit, the combined area 1 and 2 is the logical focus.

The goal of Phase Three is to give people quick Transit access to work and commercial locations everywhere inside the beltway – focusing initially on Minneapolis. The basic plan for Phase Three is to provide the same five minute level of service as in Phases One and Two, but on Freeway arteries, using a combination of conventional busses, smaller busses, and vans. The map at the lower right shows the main arteries, and planned transit stops – each has been examined in some detail. Page two shows ten routes that cover all of these intersections.

You may be wondering how people can transfer at clover leaf interchanges. I have a patentable invention that will handle this. You can safely assume that for all of the circled intersections shown on the map, people can quickly and easily transfer from busses and vans, from one route to another.

For each of the routes on page 2 I calculated the number of busses that will be needed. Based on the current MTC fares and cost structure, and the subsidy percent for the MTC system, about 66,000 daily trips are needed to reach breakeven. The Optimal Service map on page 2 shows how all the routes fit together.

Naturally, the Phase One and Phase Two city street bus service and the Phase Three system will work together. Park and ride locations can be put at some or all of the intersections in Phase Three. Neighborhood Taxi service can be added to some or all of the intersections.