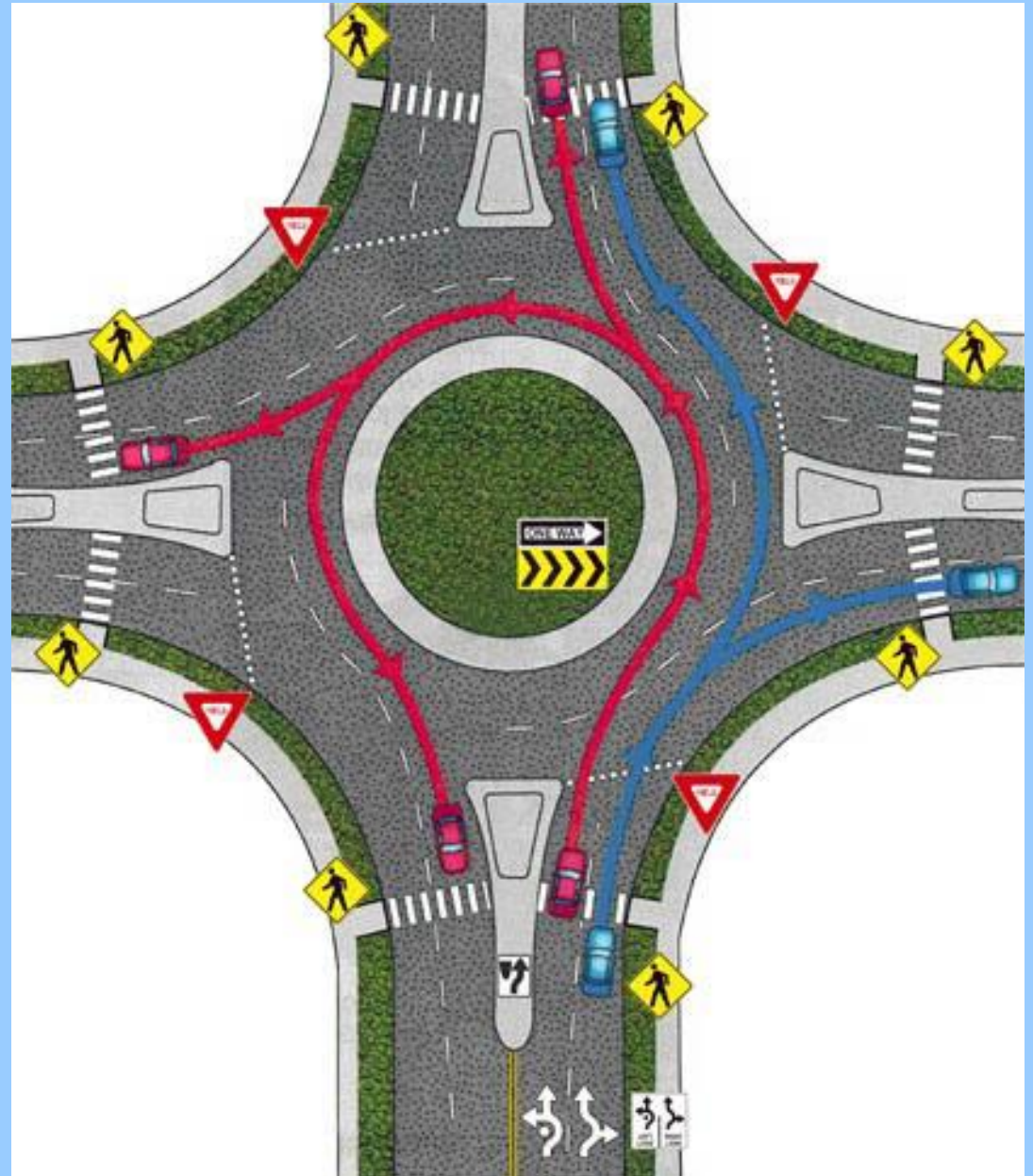


# BENEFITS OF A ROUNDABOUT

- **Safety**
- **Performance**
  - **Vehicle Delay**
  - **Travel Time**
  - **Travel Speeds**
- **Improved access**
- **Vehicle emissions and fuel consumption**
- **Improved Aesthetics/Gateway**



# ROUNDBABOUTS IN MINNESOTA

March 2008

- **46 Built**

- Rochester
- Grand Rapids
- Medford
- Brooklyn Park
- Stillwater
- Maplewood
- Minneapolis
- Rosemont
- Burnsville
- Blaine
- Woodbury
- Scott County
- Champlin
- Hutchinson
- Maple Grove
- Monticello
- North Branch
- New Prague

- **16 In Construction**

- **24 In Design**

- **33 Planned**

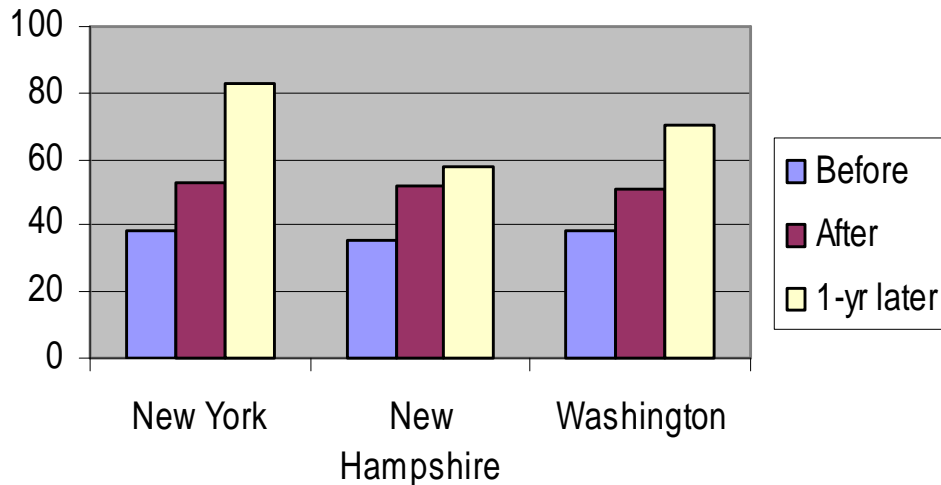
- **17 Being Considered**



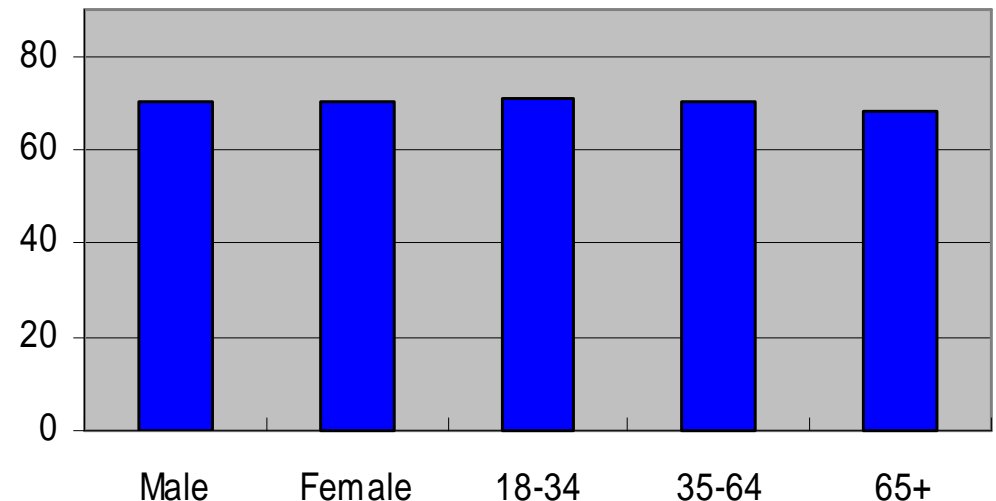
# PUBLIC PERCEPTION

- Confused with Old Traffic Circles
- New and different = Change
- Unfamiliarity
  - Don't know how to use them
- Older Drivers will have difficulty

Percent of Residents who favor roundabouts - before and after installation

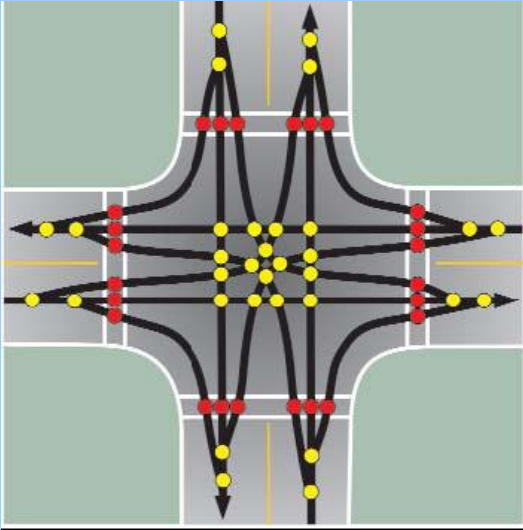


Percent of Residents who favor roundabouts one year after construction - By gender and age

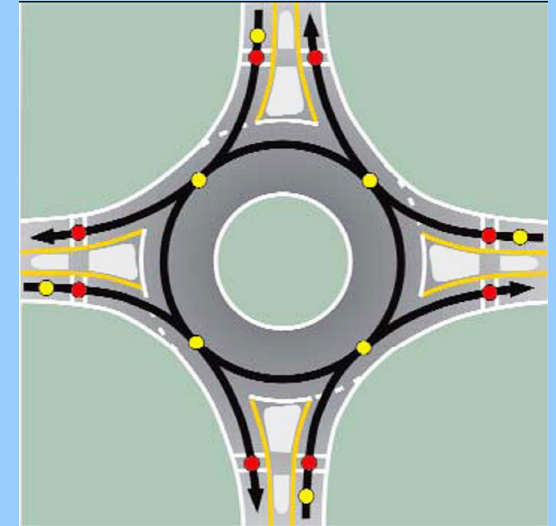


# SAFETY – 40, 80, 90

- Reduces Conflict Points



- Vehicle-to-vehicle Conflict Points
- Vehicle-to-Pedestrian Conflict Points



- Reduces Speed
  - Less Severe Crashes
  - Shorter Braking Distance

