

Why a Roundabout at 100th Ave NE & NE 10th St?

What we heard:

- Need to improve pedestrian safety
- Concerns about drivers not stopping at stop signs
- Concerns about collisions
- Need to lower speeds on 100th Ave

Roundabouts helps by:

- Shortening crossing distances for pedestrians
- Eliminating T-bone and head-on conflict points
- Reducing number and severity of collisions
- Keeping travel speeds low (15-20 mph)

Other benefits of roundabouts:

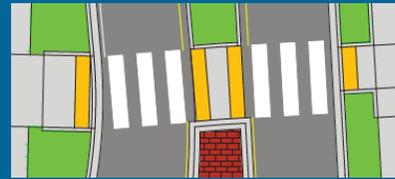
- Reduced delay by allowing for continuous flow
- More vehicle capacity than all-way stop
- Low operation and maintenance costs
- Reduced emissions

Shorter Crossings

Existing – Crossing 2 or 3 lanes



Roundabout – 1 lane at a time

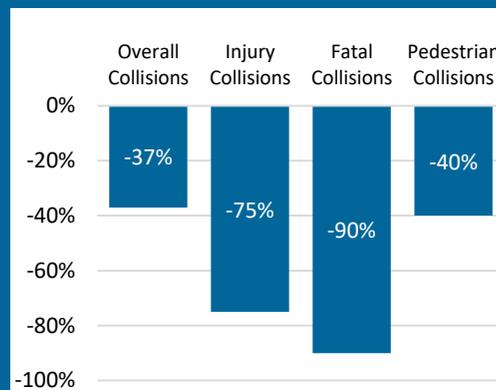


Lower Speeds



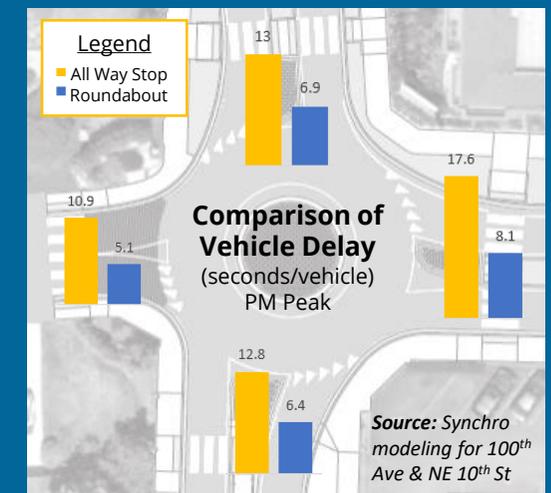
Drivers are required to drive slower to follow the curve of the road

Reduced Collisions



Source: Federal Highway Administration and Insurance Institute for Highway Safety

Less Delay



Source: Synchro modeling for 100th Ave & NE 10th St