

Option 3-Roundabout (Current Intersection Location)

3 37 SH3 / SH37 Intersection: Option 3 - Roundabout (Current Intersection Location)



Main features of this option:

- Permanent speed limit of 80 km/h on SH3 and SH37
- New roundabout close to the position of the existing intersection
- Service lane for access to local properties
- Wide painted median on SH3
- Estimated construction cost \$3.1M

Advantages:

Due to lower speeds, roundabouts are a more 'forgiving' form of intersection if people make mistakes

Most drivers are familiar with roundabouts

Easier decision making as roundabouts require driver attention to be focused on one lane of traffic approaching from the right

Wide painted median on SH3 allows more space for vehicles entering or exiting the motel located south of the existing intersection

Service lane provides safer access to local properties

Lowered permanent speed limit on SH3 and SH37 from 100 km/h to 80 km/h

Disadvantages:

Retains the close proximity of the two intersections along SH3 (SH37 and Mangarino Road)

Reduced speeds to drive safely through roundabouts can slightly increase travel times

Tight turning access into service lane

Additional earthworks may be required to meet visibility requirements for the roundabout

Requires additional land