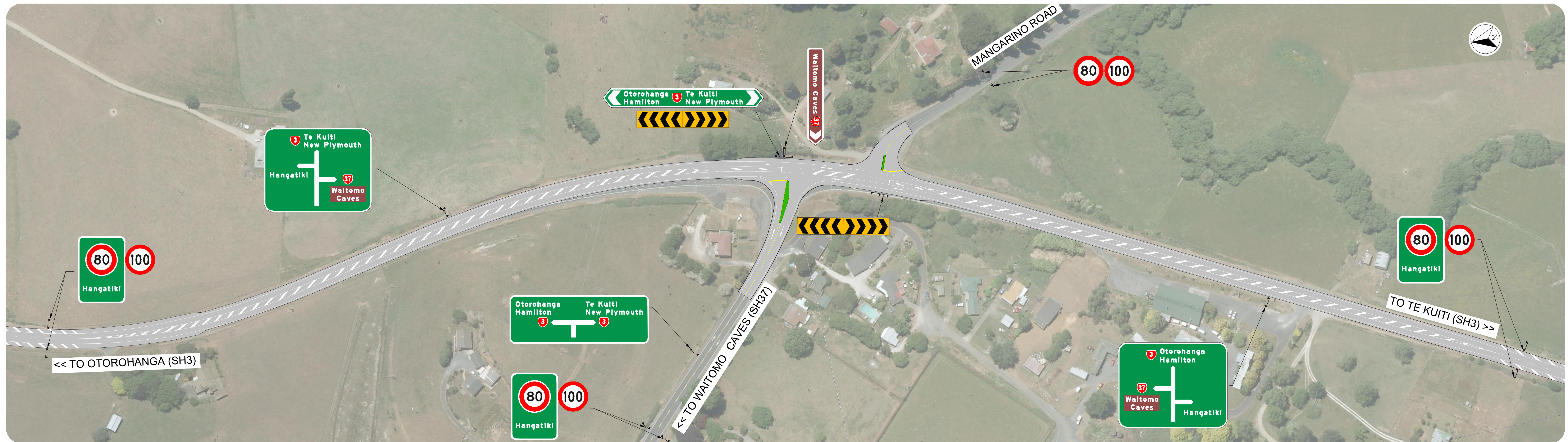


Option 1 "T-Intersection"

3 37 SH3 / SH37 Intersection: Option 1 "T - Intersection"



Main features of this option:

- Permanent speed limit of 80 km/h on SH3 and SH37
- Wide painted median on SH3
- Widening of the road along SH3 over the length of the site
- Estimated construction cost \$1.0M

Advantages:

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

Wide painted median on SH3:

- Separates opposing traffic
- More space for turning right
- Includes provision of a right-turn bay into Mangarino Road
- Allows more space on SH3 for vehicles entering or exiting the motel south of the intersection

Disadvantages:

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

No physical separation of opposing traffic

Right-turning traffic still has to cross 80km/h traffic lanes

Higher chance of severe injury crashes for right- turning traffic if people make mistakes

Wide painted median on SH3 to the south of the intersection may contribute to unsafe and illegal passing manoeuvres

Relies on SH3 traffic travelling at appropriate speeds through the intersection