

ENVIRONMENT AND SOCIAL IMPACT MITIGATIONS

The construction and operation of a roundabout can generate a range of environmental and social effects. Where these are adverse, we will look at how these might be reduced in a variety of ways including ensuring that;



Noise

- Construction noise and vibration complies with all NZ Transport Agency guidelines and the New Zealand Standard for construction noise.
- Hours of construction around the residential areas is limited during the day. Night work around the commercial and industrial areas is likely.

Dust

- We don't stockpile near businesses and residences.
- Manage haul road speeds.
- We stabilise haul routes and exposed surfaces immediately after earthworks.
- We establish site controls such as using water carts and other dust suppressant agents approved for use by the Northland Regional Council.

Visual effects

- We plant vegetation.
- We design detailing on retaining walls and pavement.
- We install lighting, including use of LED.

Surface run off during earthworks

- We use erosion and sediment control measures including silt fencing and we stabilise the ground quickly.

Stormwater from new pavement

- We minimise increases in pavement and hard-surfacing so water can soak into the ground.
- We maintain the locations of the current stormwater discharge points which is less disruptive.
- We design the system to accommodate flow from most storm events that occur in the area.

Travel within the township

- We use advanced warning signs of any changes to travel routes and these will be placed in highly visible sites before entering the township.
- We use directional signage for traffic, pedestrians, and/or cyclists to support travel through construction sites.
- We use barriers and screens to ensure safe separation of people from work areas.

Cultural

- We continue to work with Ngāti Rehia who are generously guiding us to deliver the Project in a way that recognises and protects their kaitiakitanga.

Caring For The Community

- Project signage includes contact details for the Project team and Contractor who will respond to queries or concerns.
- Letters, flyers, and website updates are used to inform the community and the wider public about the progress of the Project.
- Elected local government members are regularly briefed about the Project.

