



Scenic Drive North RP/1.658 – Summary Note/Update

Following the damage caused by the extreme weather events in January and February 2023, Auckland Transport has been investigating options for repair and remediation to the Scenic Drive North site.

Immediately following the storm events, the road was temporarily repaired, geotechnical investigations were carried out, and monitoring equipment installed. Results of the geotechnical investigations confirmed the site was a large and complex slip, with approximately 120m length of road damaged and the landslip depth exceeding 20m in places.

Following results of the geotechnical investigation in May 2023, options for remediation have been considered. Due to the width and depth of the landslip, typical engineering solutions (e.g., standard retaining walls) are limited. An inground palisade wall was considered, however was discounted as it is unlikely to be technically feasible or economic.

Two options were therefore further developed and assessed:

- Installation of sub-soil drains to control groundwater levels.
- Minor local interventions, including a monitoring and inspection program.

Reporting on these options was available at the end of September, which has been reviewed by Auckland Transport, its' advisors, and appointed Contractor. Following consideration of both options, the group has selected minor local interventions and monitoring as the best option. The group also identified that options to improve stormwater drainage will be required and assessed.

This decision is due to the geotechnical monitoring indicating that the slip has largely self-stabilised and substantial ground movement has not been observed since the event, including following a heavy rainstorm event on 9 May 2023. Additionally, the cost to install sub-soil drains through private property would be substantial compared to the potentially limited additional benefit of this option.

The local interventions and monitoring will include the following:

- Localised repair of the road surface only.
- Sealing of roadside drains, and investigation of improved road drainage.
- An extended period of monitoring, which will be reviewed annually.

If no further movement is observed over the first monitoring period, then more extensive road pavement repairs will be considered. Additionally, the sub-soil drain solution could still be adopted in future if ongoing ground monitoring indicates it is required.

We understand that dwellings at 1160 to 1174 Scenic Drive North have been damaged at this site and will provide an update to these property owners on plans being taken forward shortly.