



Te Henga Road

Flood Recovery Status Update

MONTHLY UPDATE ON WORK COMPLETED

Issued by: Programme Controller | Month: December 2024

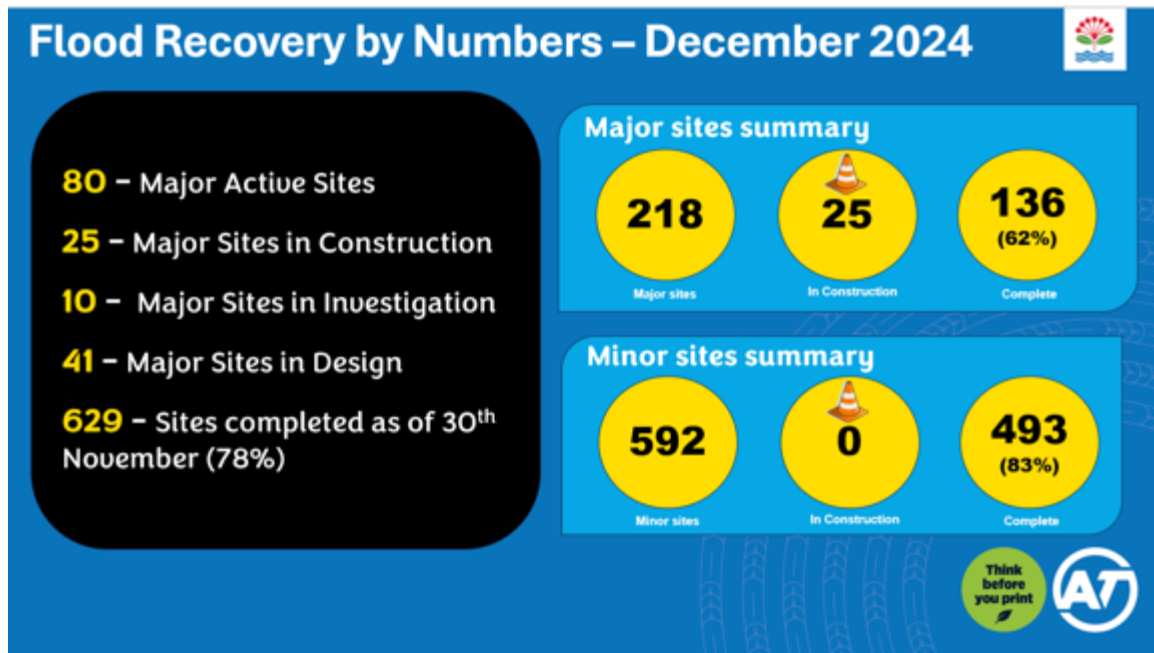
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OVERVIEW

The Recovery Team is focusing on providing information on key priorities as follows:

- ▶ Continue responding to our community's needs, in particular isolated communities.
- ▶ Consolidate updates from contractors across Auckland Region with focus on full road closures updates, damage assessment report and budget.
- ▶ Coordinating geotechnical assessments with key operational functions, prioritizing safety of staff and communities.
- ▶ Provide a map overview and statistics showcasing the response to road closures across all regions.
- ▶ Updating AT websites with current information on the work in progress.



PROJECT OVERALL STATISTICS

By Region						
	North Rural	North Urban	West	South Rural	South Urban	Central/ GBI/ WI & Rakino
Total no. of Major Projects **	71	39	73*	20	2	13
Major Active Projects	13	14	42	6	0	5
Major Projects Completed	58	25	29	14	2	8
Projects in Investigation stage	1	0	7	2	0	0
Projects in Design stage	3	8	23	3	0	4
Projects in Construction stage	8	6	9	1	0	1
No. of projects expected to be completed by end of FY24-25	17	14	40	6	0	5
No. of projects expected to be completed by end of FY25-26	1	0	2	0	0	0

* 2 projects On Hold

** These figures are correct at the time of issuing this report and are subject to change.

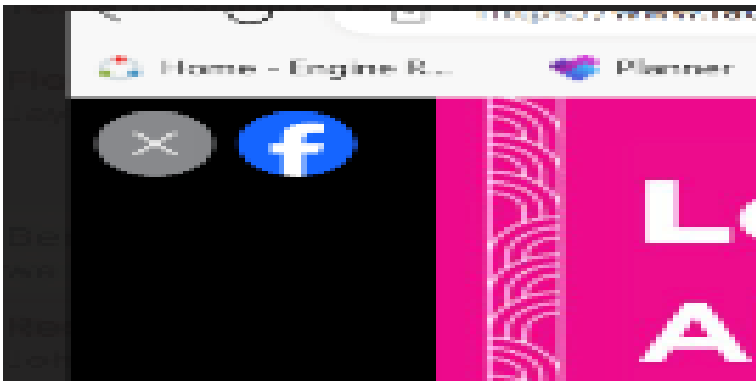
ROAD STATUS

Currently there are **12** local roads with full closures in place, **25** roads open to single lane, **3** road open under restrictions, and **5** roads closed – (residents’ access only). This remains fluid and will change depending on the road work requirements.

MEDIA AND COMMUNICATIONS

This month in the media, communications and community / stakeholder engagement space, we:

- Produced the November [Flood Recovery Highlights e-news](#) shared via email, AC newsletter distribution and AT social media.
- Created site completion stories for internal sharing and external distribution via AT social media, AC newsletter distribution and wider social media (e.g. Local Boards and Elected Members) about:
 - [\\$5m Paremoremo Road repair complete](#)
 - [Awhitu Road slip repairs complete](#)
 - [Herald Island community gets involved in Twin Wharf Access rebuild](#)
 - [Video: Herad Island Twin Wharf Road](#)
- Produced geo-targeted social media advertising tiles to inform the public about the work being carried out on Lonely Track Road (Albany Heights).



- Produced media tiles to thank the public following the completion of work on Lonely Track Road (Albany Heights), Spur Road (Stillwater) and Rahui Road (Greenhithe).



➤ Produced media tiles to update the public on progress of sites:

Bethells Beach/Te Henga Community Group
Auckland Transport · 3d
Te Henga Road slip repair work is near completion, and the road is now open to traffic. Next week we will be completing the line marking. This is done at nighttime. The team may also be around to complete some finishing touches. Thanks for your patience during the works. If you would like to receive email updates on cyclone and flood recovery sites in the West, please complete this online form, indicating which sites you are interested in. https://aucklandtransport.au1.qualtrics.com/jfe/form/SV_5oHGvTl0JY4DP0

Swanson/ Ranui Community Group
Auckland Transport · 5d
Te Henga Road slip repair work is near completion, and the road is now open to traffic. Next week we will be completing the line marking. This is done at nighttime. The team will also be around to complete some finishing touches. Thanks for your patience during the works.

Te Henga Road Slip Repair update Thursday 28 November
Te Henga Road is open to traffic

Simpson Road Slip repair Road Closed From Thursday 28 November

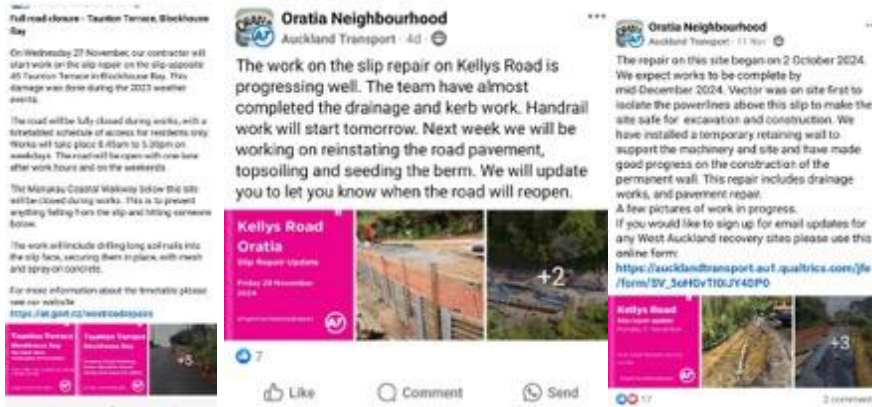
Waiwera Road
On Thursday 5 December and Friday 6 December 2024, Waiwera Road will return to full road closure. The team will be spraying concrete onto the slip face. The timetable of access times will apply for residents and visitors past the site at 349 Waiwera Road. Thanks to the community for their patience through the works. See the website for the timetable <https://at.govt.nz/westroadrepairs>

Scenic Drive, Titrangi (Woodlands Park Road to the Titrangi Roundabout)
This week the team have been working on the last layer of the GSC wall, the stormwater drainage, and completing some repairs to the remaining lane. Next week the School Bus Service from the Ministry of Education will be able to have access through this site, morning and afternoon to return to its usual route. The crew are planning to have this site open to traffic before the end of November. We will give you a heads up before we open it.

Takahe Road Titrangi
Slip repair - finishing items 6 November 2024
Some finishing items will be completed tomorrow under traffic management.

What happens next?
After the holiday shut down period, we have other sites nearby that we will need to start work on. These include Hula Road, Woodlands Park Road and Konini Road. We are working through the programme and schedule for these works to provide a guideline for the community about when each of these will start. We will update you as soon as we have this confirmed.

Key Updated
If you would like to receive email updates for Cyclone recovery works in this area, please complete this online form. https://aucklandtransport.au1.qualtrics.com/jfe/form/SV_5oHGvTl0JY4DP0



- Contributed items to Auckland Council’s Flood Recovery newsletter covering the above.
- Prepared a memo 28 November 2024 to update the Coatesville Transport Forum on Mill Flat Road Bridge Replacement– [also available on our website under Mill Flat Road Bridge](#).
- Updated the AT Flood Recovery Communications & Engagement Plan.
- Transcribed the P&P Flood Recovery power point presentation for programme reference.
- Update key messages to support the TRIC road reserve decision.
- Received positive community feedback about the work and construction teams, including:
 - *“That’s fantastic! The Herald Island community groups really appreciated being part of the project. It’s great to have this video as a record and promotion of our nursery. Thanks for all your work towards the story and video.”* Jan Diprose, Herald Island Environmental Group Chair
 - *“Just want to say a word of thanks for completing the maintenance on Lonely Track Road in a very timely manner. We were expecting the timetable to last way past Christmas.”* Mike Higgins, Lonely Track Road Resident
 - *“I am happy to say that from my perspective they’d be welcome back anytime. Hearing the road was going to be closed we wondered how inconvenient it would be - but it was the exact opposite. It has been lovely to have a closed community for a few days with less traffic and friendly chats, smiles and waves in and out each day. Having the retaining post off-cuts offered to the neighbourhood was a nice touch too - we have some gardens that will benefit! Everyone has been very pleasant to deal with and the communication has helped to manage our expectations. Thanks for the good work.”* Manya, Lonely Track Road Resident
 - *“Credit to the team – we were never held up very long.”* Sarah Willams, Spur Road Resident
 - *“Good work on early completion! Thank you”* Steph Murray, Spur Road Resident
 - *“Well done on an awesome job, safe and constructed to a high standard.”* Shane Dale, Spur Road Resident

AREA: NORTH URBAN

WORK COMPLETED IN THE LAST MONTH

- Lonely Track Road, Albany Heights
- Masterton Road, Rothesay Bay
- Rahui Road, Greenhithe

PROJECTS IN CONSTRUCTION PHASE

SITE NAME	ESTIMATED COMPLETION DATE
Duck Creek Road, Stillwater (2 projects)	February 2025
Hibiscus Coast Highway, Hatfields Beach	February 2025
John Brian Drive, Red Vale (site 2)	January 2025
Twin Wharf Road, Herald Island (site 3)	January 2025

Upcoming sites include Albany Heights Road (Albany Heights) and Wade River Road (Whangaparaoa), both expected to start 6 January 2025 and Raymond Terrace (Birkenhead) from 20 January 2025.

CONSTRUCTION PROGRESS UPDATE

- **DUCK CREEK ROAD:** Repair work remains on programme, with all piles installed on the remaining two retaining walls by the end of November. All lagging (timber behind the piles) is expected to be in place in early December. The steel barriers will then be removed. The team will begin surface works including kerbing and drainage on alternate sides of the road as the work progresses. During the holiday break, the road will be opened to two lanes, with only shoulder closures in place. Work will resume from 6 January 2025, with the single lane traffic lights operating once more.



- **HIBISCUS COAST HIGHWAY:** Repair work is progressing well on this site, with all 27 piles installed by the end of November. The Capping beam will be constructed by mid-December. Once this is complete, the steel barriers can be removed. During the holiday break, the road will be opened to two lanes, with only shoulder closures in place. Work will resume from 6 January 2025, with the single lane traffic lights operating once more.



- **JOHN BRIAN DRIVE:** Work on the second site on John Brian Drive started on 26 November 2024. The work involves the construction of a 30m long timber retaining wall along with drainage and road pavement repairs. The road is currently closed, with residents' access only. During the holiday break, the road will be opened to two lanes, with only shoulder closures in place. Work will resume from 6 January 2025, with residents' access only operating once more.



- **LONELY TRACK ROAD:** Work started on 11 November and was completed within 3 short weeks on 29 November 2024. Work included the installation of an 18m long timber retaining wall, drainage upgrade and pavement repairs.



- **MASTERTON ROAD:** Work got underway on 11 September and was completed ahead of programme on 19 November 2024. This complex site involved work within marine sediments and working around the tidal inlet.



- **RAHUI ROAD:** Slip repair work on Rahui Road got underway on 14 October 2024 and was completed ahead of schedule on 12 November 2024. Work to repair the under-slip included construction of a 45m long timber retaining wall, road pavement repairs and new guardrail.



ROAD STATUS

CLOSED

- None.

OPEN – SINGLE LANE

- Wade River Road, Wade Heads
- Twin Wharf Road, Herald Island

OPEN – UNDER RESTRICTION

- John Brian Drive, Red Vale
- Masterton Road
- Spur Road, Stillwater

CLOSED – RESIDENTS ACCESS ONLY

- None

AREA: NORTH RURAL

WORK COMPLETED IN THE LAST MONTH

- West Road, Kaukapakapa

PROJECTS IN CONSTRUCTION PHASE

SITE NAME	ESTIMATED COMPLETION DATE
Ahuroa Road, Puhoi (7784)	On hold pending details for anchors
Leigh Road, Leigh	December 2024
Pinchgut Road, Kaukapapa (site 2 of 4)	December 2024
Pine Valley Road, Dairy Flat	December 2024
Smyth Road, Warkworth	December 2024
Takatu Road, Tawharanui (2 sites)	December 2024

CONSTRUCTION PROGRESS UPDATE

- **AHUROA ROAD:** The Downer team will resume work on site from Monday, 9 December. They will be working on the capping beam of the retaining wall as well as soil nails and drainage. The team will take a break over the holiday period and return to the site on Monday, 6 January 2025. During this time, the stop/go system will remain in operation, with regular site checks conducted to ensure safety and functionality. We are now into the last stretch of Flood Recovery work on Ahuroa Road – with completion of this site expected within the first quarter of 2025. The road sealing team have also finished their work (Stage 2B) along Ahuroa Road. However, at this stage they plan to commence the Stage 2C seal extension works in March 2025.



- **LEIGH ROAD:** Slip repair work on Leigh Road started on 7 October 2024. All 51 piles were installed by the end of November and backfilling is underway. Drainage works will be undertaken during December. The road is currently operating as a single lane. This site is expected to be largely complete by the holiday break, with the road reopened to two lanes. Further finishing works may need to take place in the New Year.



- **PINCHGUT ROAD:** Slip repair work near on Pinchgut Road began on 29 October. Work was initially expected to be completed within one month. However, when excavating the slip site, the team discovered ‘uncontrolled fill’ (rubbish) buried within the road base. The work area has been extended to remediate the slope, with the uncontrolled fill now removed. This site is expected to be largely complete by the holiday break, with the road reopened to two lanes. Further finishing works may need to take place in the New Year.



- **PINE VALLEY ROAD:** The three months slip repair work on Pine Valley Road started on 2 September and continues to progress well. The backfilling is almost up to the road level again and drainage improvements have been installed. The road is currently closed with detours in place. This site is expected to be largely complete by the holiday break, with the road reopened to two lanes. Further finishing works may need to be done in the New Year.



- **SMYTH ROAD:** Work started 11 November 2024, with a full road closure in place due to the narrow road. The team are constructing a new retaining wall and repairing the road. VMS boards and social media were used to notify motorists, along with letters for residents. This site is expected to be largely complete by the holiday break, with the road reopened to two lanes. Further finishing works may need to take place in the New Year.



- **TAKATU ROAD:** Work on two sites on Takatu Road started on 4 November 2024. The new wall on site 7852 is complete and the road area will be chip sealed and completed early December. On site 6109, the area was initially cleared to enable the works. However, unforeseen ground conditions mean that a redesign will be required. The team are backfilling and making the site safe and will then demobilise. The road will be reopened to two lanes. Work is expected to get underway again in the New Year.



- **WEST ROAD:** Work on this site restarted on 26 September 2024, with guardrail installation the finishing touch completed by mid-November.



- **MILL FLAT ROAD BRIDGE:** We are continuing to work with Vector to determine a start date for their work. A preferred contractor for the work is yet to be confirmed, pending the Vector work.



ROAD STATUS

CLOSED

- Mill Flat Road Bridge
- Ahurora Road, Puhoi
- Ahurora Road (Hill)-Re-alignment
- Pine Valley Road

OPEN – SINGLE LANE

- Goat Island Road, Leigh Road
- Smyth Road, Dome Forest
- Krippner Road, Puhoi
- Matakana Valley Rd, Matakana
- Matakana Valley Rd (Apart of RP7037)
- Takatu Road, Matakana
- Ahuroa Road (RP7784), Puhoi
- Tauhoa Road, Kaipara

OPEN – UNDER RESTRICTION

- None

CLOSED – RESIDENTS ACCESS ONLY

- Pine Valley Road, Dairy Flat

AREA: SOUTH RURAL & URBAN

WORK COMPLETED IN THE LAST MONTH

- Hunua Gorge Road, Hunua
- Union Road, Makau

PROJECTS IN CONSTRUCTION PHASE

SITE NAME	ESTIMATED COMPLETION DATE
Te Tero Road, Pollock	December 2024

Upcoming sites in the New Year include Kemp Road, Awhitu. There will be no active construction sites over the Christmas break.

CONSTRUCTION PROGRESS UPDATE

- **HUNUA GORGE ROAD:** Work got underway at the start of October on Hunua Gorge Road and was completed by mid-November. The slip was repaired using a soil-nail retaining wall with shotcrete. The image below shows the final stages of completion, with work on topsoil and grass seeding in progress.



- **TE TERO ROAD:** The work includes the construction of a timber retaining wall, culvert and rock-lined side drain. A new guardrail will also be installed.



- **UNION ROAD:** Work also got underway at the start of October on Union Road and was completed at the beginning of November.



ROAD STATUS

CLOSED

- Manukau Heads Road, Manukau Heads

OPEN – SINGLE LANE

- East Coast Road, Whakatiwai

OPEN – UNDER RESTRICTION

- None

CLOSED – RESIDENTS ACCESS ONLY

- Te Tero Road (during construction time only)

AREA: WEST

WORK COMPLETED IN THE LAST MONTH

- None

CONSTRUCTION PHASE – NEXT 7 MONTHS

SITE NAME	ESTIMATED COMPLETION DATE
Huia Road, 6 Sites	June 2025 (RP12.55 TBC)
Karekare Road, Karekare, 2 Sites – RP0.583 and overslip at RP0.15	December 2024
Kay Road, Swanson	June 2025
Kellys Road, Oratia	December 2024
Konini Road, Titirangi	June 2025
Lone Kauri Road, Piha	February 2025
Mountain Road, Henderson Valley multiple sites (8)	TBC
Paturoa Road, Titirangi	TBC
73 Piha Road, Stage 2	TBC
Scenic Drive, 'Elevation' Waitatarua	TBC
Scenic Drive, Titirangi, 1 site and 1 embankment	December 2024
Scenic Drive, Arataki, 2 sites (RP6.75 and RP6.58)	May 2025
Scenic Drive /Shaw Road	TBC
Simpson Road, Henderson Valley	December 2024
Tanekaha Road, Titirangi	TBC
Taunton Road, Blockhouse Bay	February 2025
Te Henga Road, Waitakere	December 2024
Wairere Road, S bend past Caton	December 2024
West Coast Road, Oratia	June 2025
Whatipu Road, Whatipu	March 2025
Woodlands Park Road	June 2025

CONSTRUCTION PROGRESS UPDATE

- **TE HENGA ROAD:** Work began on Te Henga Road slip between number 60 and 66 Te Henga Road on 19 August 2024. This section of the road was fully closed during works, with access being maintained for residents within the closed area. The construction consisted of a GSC wall to support the road, and drainage improvements. By the end of November, the works were largely completed, with road marking and final items to be completed in December. The road opened to the public on 27 November. Positive feedback from residents within the closure about the works, and the reinstatement of the road.



Slip repairs Te Henga Road, completed except for road marking and some finishing touches.

- **HUIA ROAD, SIX SITES:** There are 6 sites on Huia Road which will begin works in the coming months pending completion of Scenic Drive, Titirangi, and completion of all the design work. Following is a brief update for each of these 6 sites.

- **HUIA ROAD (RP0.916) OUTSIDE 81 HUIA ROAD** The design is completed, and construction works will commence once Scenic Drive, Titirangi is open to traffic. We expect this work to start on 6 January 2025. Works will take 6-8 weeks; the first 3 weeks are going to be under full closure.



Slip located near at 81 Huia Road.

- **HUIA ROAD (RP4.072), 370 HUIA ROAD** Design work is underway on this repair. This repair includes a piled retaining wall.



Slip located near 370 Huia Road, this is past the roundabout at Minnehaha/Woodlands Park Intersection, and prior to Victory Road.

- **HUIA ROAD (RP6.8), 634 HUIA ROAD** We are working on finalizing the design for this site, and plan to start construction in the second quarter of 2025.



Slip located near 634 Huia Road

- **HUIA ROAD RP 11.347, 100M PAST CORNWALLIS ROAD** The design has been completed and is being reviewed. Construction is programmed to start in early 2025 for this site.



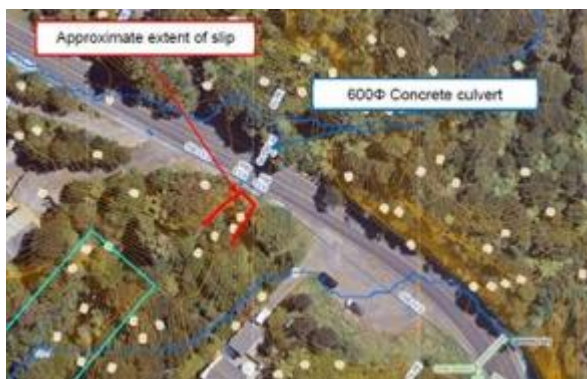
Slip located approx. 100m past Cornwallis Road intersection.

- **HUIA ROAD (RP12.55), PAST KAITARAKIHI ROAD** We are working through the design options and making further investigation into the storm water line that runs through this site. Investigation works have identified some significant issues with drainage and ground conditions so the construction date for this site is currently being reviewed.



Site RP12.55, currently there are retaining walls on each side of the road, large upstream catchment and existing stream.

- **HUIA ROAD RP13.70, NEAR 1105 HUIA ROAD, HUIA** We have recently completed some investigation drilling which is used to develop design options. The Options Report has now been completed with the preferred option confirmed, this is now under review.



Slip located near 1105 Huia Road

- **KELLYS ROAD, ORATIA:** The repair on this site began on 2 October 2024. We expect works to be complete by mid-December. Vector was on site first to isolate the powerlines above this slip to make the site safe for excavation and construction. We have installed a temporary retaining wall to support the machinery and site and completed the construction of the permanent wall. Kerbs and drainage are almost complete. At the end of November, we started the installation of the handrail, and in early December we will complete the pavement reinstatement and the topsoiling and seeding of the berm. We the road to be open on 9 December 2024, weather dependent and Vector will reinstate the overhead power supply on December 17.



Slip site on Kellys Road Oratia, works underway in November 2024.

- **KAREKARE ROAD AND LONE KAURI ROAD, KAREKARE:** On the 19 of August moved back to Karekare Road where we are completing two underslips and reviewing overslips until January 2024. Following Karekare Road completion the road will reopen, and Lone Kauri Road will then be closed again in early 2025 to complete one more site (RP2.5).

- **KAREKARE ROAD (RPo.582): 582 METERS FROM PIHA ROAD: (K5):** Works started in September on this site on Karekare Road and have progressed in November with the completion of the rediblock wall. The drainage works, the timber balustrade and pavement works were ongoing at the end of November, and we expect to complete this site in December 2024. The overslip at this location will be completed in January 2025.



Slip site RPo.582 Karekare Road, installation of the rediblock wall and guardrail

- **LONE KAURI ROAD, KAREKARE (RP2.5)** Work will start from late January on the slip 2.5km from the end of the road. During the works the road will be fully closed with access only for residents from each end of the road. We expect works to take 3 months to complete.



Slip site RP2.5 Lone Kauri Road, works to start in early 2025.

- **KONINI ROAD, TITIRANGI:** The final design is being finalized for this site. The gas main needs to be relocated by Vector for this site. Construction is programmed to start 2025 once Scenic Drive is open at the Titirangi end. Konini Road currently provides a detour route for Scenic Drive closure.



Konini Road Slip Site

- **MOUNTAIN ROAD:** Work on Mountain Road is continuing to progress – we had initially expected to complete the programme by the end of 2024. Work on Mountain Road is restricted by the narrow width of the road. Logistics involved with transporting equipment can restrict how many repair activities can be carried out at the same time. We have had to make a change to the programme for safety measures, to ensure that the different crews are not competing for safe workspace, and so that resources are not trucked through sites which are not safe for the loads. For safety and access reasons some reinstatement works will extend into the new year.



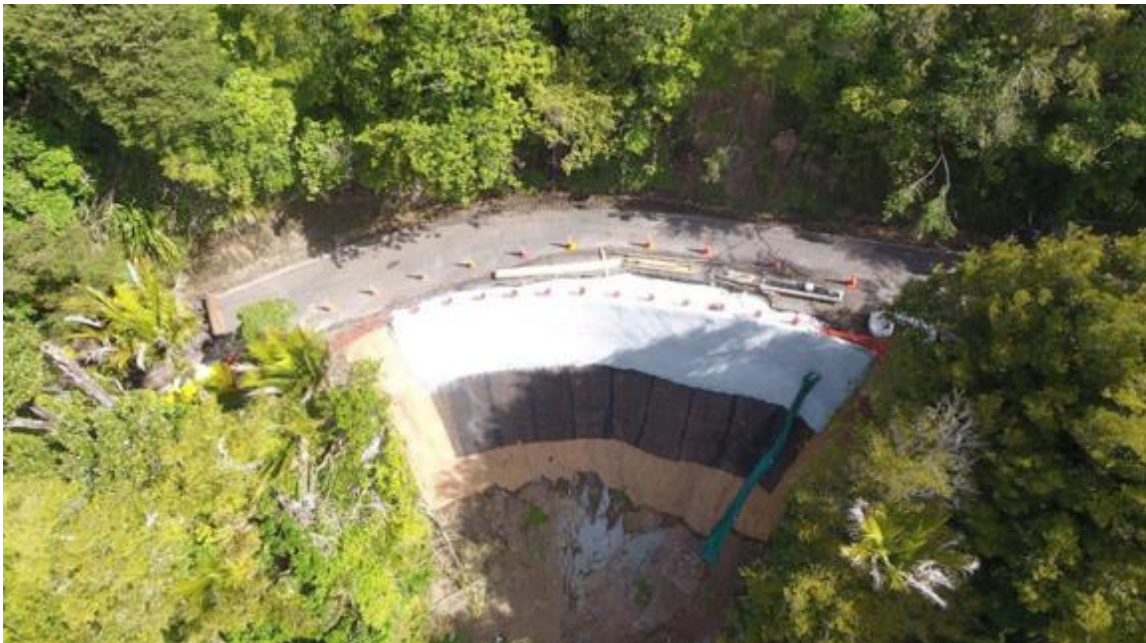
Map of Mountain Road site locations

- **MOUNTAIN ROAD RP 1.387:** Temporary works have been undertaken to install the sheet piles this month to stabilize the area to accommodate the machinery. During November we have been drilling for soil nail installation.



Site RP1.387 Mountain Road – image shows the sheet piles installed and preparation for drilling.

- **RP1.468 MOUNTAIN ROAD:** Shotcreting has been completed and the flume installed for drainage this month. The site is prepared for the pavement reinstatement when the pavement team can access through.



Work at RP1.468 Mountain Road – images show the work underway during November.

- **RP1.664 MOUNTAIN ROAD:** Shotcreting has been completed and the flume installed for drainage this month. The site is prepared for the pavement reinstatement when the pavement team can access through.



Work at RP1.664 Mountain Road – images show the work underway during November.

- **MOUNTAIN ROAD RP 1.883 :** Works are close to completion on this site. The swale and drainage works are complete, there are some changes to the outlet manhole that must be completed. Preparation for the pavement is underway. The pavement will be completed by the pavement crew later.



Site at RP1883 Mountain Road.

- **MOUNTAIN ROAD RP 2.775** : Work has been underway on the pavement repairs and the kerb and channel. Asphalt was installed at the end of the month. We have completed two lines of the drainage and will be working on the third line next.



Site at RP1883 Mountain Road.

- **PATUROA ROAD, TITIRANGI**: Design plans are completed for the main slip site. This site is one of the most challenging locations, the road and the bank and the previous retaining wall have all slipped. An existing timber pole retaining wall adjacent to the large slip is also failing and needs to be repaired to make it safe for machinery to access the large slip to complete the repair. This second wall is in the design option review stage and will need to be constructed first before works start on the larger slip. The road will remain closed during works. This work will be undertaken by the maintenance team.



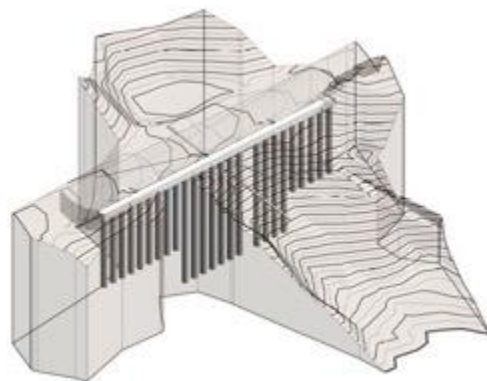
Large Slip on the corner of Paturoa Road, previous retaining wall has failed and fallen towards the beach.

- **SCENIC DRIVE (RP 6.73), BETWEEN ARATAKI AND WEST COAST ROAD:** Construction commenced on 21 October 2024. We have installed the temporary retaining wall prior to permanent works installation. This temporary retaining wall will support the machinery and stabilize this section while the machinery is on site to build the permanent retaining wall. The majority of the permanent I Beams were installed in November, and two sacrificial tie-anchors have been installed and will be tested before we start the permanent anchors.



Scenic Drive RP6.73 site underway with installation of the retaining

- **SCENIC DRIVE (RP 6.58), BETWEEN ARATAKI AND WEST COAST ROAD:** The design for this repair is concrete piled tied back wall, there have been some delays with completing the design. Physical site is now likely to start in February 2025, pending resources. This repair will require full road closures, with access only to residents, from the West Coast Road end of the closure.



The 3D model of the repair shows the slip path and the repair design, which retains the road and pins it back.

- **SCENIC DRIVE, TITIRANGI (RPo.85)** We are working on completing the rebuild of the third underslip on this section of the road. We have completed the wall, and the drainage, and have backfilled behind the wall, and are preparing for the new footpath and guardrail.
- At the same time, we are stabilising the overslip in the embankment above the road using soil nails and constructing a buttress wall. Soil nails are long steel rods which have been drilled into the embankment and are overlaid with steel mesh which is secured into place.
- This section of the road is on track to be completed by 21 December 2024. We expect to reopen this section of the road before Christmas, pending no unexpected events.
- When the road opens, the 171 public bus service will return to its usual route through Woodlands Park Road, and the shuttle bus will no longer operate.



RP0.85 Scenic Drive Titirangi overslip has had soil nails installed, and the underslip has been retained with the backfill completed.

- **SIMPSON ROAD, HENDERSON VALLEY:** There is a slip outside 163 Simpson Road. It extends approximately 107m, with 77m of significantly affected carriageway. The retaining wall is along the edge of the road, on the downslope side. This will include some repair works to the existing drainage and lagging. A water pipe is located somewhere through this site but is not clearly indicated on the plans. We began investigation drilling for the pipe in late November. Depending on the condition of the pipe and its location – this may change the scope of the works. The road is closed during works, with the plan to have this site completed by 20 December, pending any design changes due to the location of the pipe.



Slip on Simpson Road, outside 163 Simpson Road.

- **TAUNTON TERRACE, BLOCKHOUSE BAY:** There is a large slip opposite #45 Taunton Terrace. Work started on the 27 of November to repair and stabilize the slip. The road will be fully closed during works, with a timetabled schedule of access for residents only. Works will take place 8.45am to 5.30pm on weekdays. The road will be open with one-lane after work hours and on the weekends.

The Manukau Coastal Walkway below this site will be closed during works. This is to prevent anything falling from the slip and hitting someone below.

The work will include drilling long soil nails into the slip face, securing them in place, with mesh and spray on concrete.



Slip on Taunton Terrace opposite #45

- **WAIRERE ROAD: 349 WAIRERE ROAD:** Works started 14 October and have progressed well with 258 soil anchors now installed. The no fines concrete was poured on the 29th of November, and we expect the shotcrete to be sprayed on the first week of December. With the road under full road closure communication with the local community and public has been important. Currently we expect to finish most of the work on this site before the Christmas close down but may have to complete the guardrail construction in the new year.



Wairere Road slip site 349 Wairere Road, left installing the soil nails, right – preparation for no fines concrete pour.

- **WEST COAST ROAD, ORATIA** Work is programmed to start on West Coast Road in February 2025. We anticipate we will be able to maintain access through this section through this section during works. The slip has occurred behind the failed retaining wall, as water has flowed over the top of the road and scoured away the side of the road. There will be a retaining wall built, including some bridging to support the new retaining wall over the arch of the culvert. We will be installing new drainage on both sides of the road.





West Coast Road, Oratia slip site, located between Parker Road and Carter Road.

- **WOODLANDS PARK ROAD, WAIMA:** We are in the final stages of the design work for this repair. As this road is currently a part of the detour route for the works on Scenic Drive, the repair work will be scheduled once Scenic Drive, Titirangi is completed, and after 81 Huia Road is open. We expect to start this repair in early 2025. We plan to engage with the community in Waima/Woodlands Park in the last quarter of 2024 around the works in preparation for the start of works. This section of the road is in the stream path/bed. It is ideal that these works begin at the driest time of the year.



Woodlands Park Road Slip Site

ROAD STATUS

CLOSED

- Paturoa Road 15, Titirangi
- Paturoa Road 17, Titirangi
- Karekare Road, Piha x 5 sites
- Scenic Drive, Titirangi x 2 sites
- Scenic Drive, Waiatarua x 4 sites
- Te Henga Road, Waitakere
- Kay Road, Waitakere

OPEN – SINGLE LANE

- Huia Road, Titirangi
- Huia Road, Piha
- Huia Road 634, Titirangi
- Taunton Road 45, Blockhouse Bay
- Whatipu Road, Huia

CLOSED – OPEN TO RESIDENTS ONLY

- Lone Kauri Road, Piha x 4 sites
- Kellys Road, Glen Eden/ Oratia
- Mountain Road, Hendersen Valley x 10 sites

AREA: CENTRAL (URBAN)/ WAIHEKE & RAKINO ISLANDS/ GREAT BARRIER ISLAND

WORK COMPLETED IN THE LAST MONTH

- None

PROJECTS IN CONSTRUCTION PHASE

SITE NAME	ESTIMATED COMPLETION DATE
Bassett Road, Remuera	December 2024

Upcoming sites in the New Year include 5 sites on Waiheke Island and 3 on Great Barrier programmed to start around February 2025.

CONSTRUCTION PROGRESS UPDATE

- **BASSETT ROAD, REMUERA:** Slip Repair work on Bassett Road got underway on 28 October 2024. Concrete piles and rock wall as the repair methodology here.



ROAD STATUS

CLOSED

- None

OPEN – SINGLE LANE – STOP/GO

- Waikowhai Road, Hillsborough
- Shoal Bay Road, Shoal Bay
- Aotea Road, Awana #2
- Aotea Road, Awana #3
- Whangaparapara Road, Whangaparapara
- 203-231 Orapiu Road, Cowes Bay
- 40 Hekerua Road, Little Oneroa
- South Pacific Road
- Jane York Place

OPEN – UNDER RESTRICTION

- None

CLOSED – RESIDENTS ACCESS ONLY

- None

APPENDIX 1 - REGION-WIDE DETAILED SITE INFORMATION

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
North Rural	Coatesville	Mill Flat Road Bridge	0	Bridge/structure Failure	Closed	Construction
North Rural	Puhoi	Ahuroa Rd	8710	Under slip - Major	Closed	Complete
North Rural	Puhoi	Ahuroa Rd (Hill)-Realignment	8200-8600	Under slip - Major	Closed	Complete
North Rural	Kaukapakapa	West Rd (Kaukapakapa)	271	Under slip - Major	Open - Normal	Complete
North Rural	Puhoi	Ahuroa Rd (Hill)-Realignment	8330	Under slip - Major	Closed	Complete
North Rural	Puhoi	Ahuroa Rd (Included In The July/Aug23)	7540	Under slip - Major	Open - Normal	Complete
North Rural		Wishart Road	961	Under slip - Major	Open - Normal	Design
North Rural	Kaukapakapa	Pinchgut Road	1015	Under slip - Major	Open - Normal	Construction
North Rural	Te Arai	Red Hill Rd	1155	Under slip - Major	Open - Normal	Design
North Rural		Ashton Road	1350	Under slip - Major	Open - Normal	Complete
North Rural	Coatesville	Potter Road	1259	Under slip - Major	Open - Normal	Scoping
North Rural		Coatesville-Riverhead Highway	1178	Under slip - Major	Open - Normal	Complete
North Rural	Leigh	Goat Island Rd	133	Under slip - Major	Open - Single Lane	Complete
North Rural	Wainui	Haruru Road	9536	Under slip - Major	Open - Normal	Complete
North Rural	Wainui	Haruru Road	2000	Under slip - Major	Open - Normal	Complete
North Rural	Riverhead	Ridge Road	1672	Under slip - Major	Open - Normal	Complete
North Rural	Kaukapakapa	Pinchgut Road	1673	Under slip - Major	Open - Normal	Design
North Rural	Dairy Flat	Pine Valley Rd	1790	Under slip - Major	Closed	Construction
North Rural	Makarau	Jordan Rd (Makarau)	1453	Under slip - Minor	Open - Normal	Complete
North Rural	Waitoki	Kahikatea Flat Rd	1877	Under slip - Major	Open - Normal	Complete
North Rural	Puhoi	Krippner Rd	2400	Under slip - Major	Open - Normal	Complete
North Rural	Puhoi	Krippner Rd	1821	Under slip - Major	Open - Normal	Complete
North Rural	Dome Forest	Smyth Rd	2301	Under slip - Major	Open - Single Lane	Construction
North Rural	Puhoi	Krippner Rd	1550	Under slip - Major	Open - Single Lane	Complete
North Rural	Puhoi	Krippner Rd	2550	Under slip - Major	Open - Normal	Complete
North Rural	Puhoi	Krippner Rd	2351	Under slip - Major	Open - Normal	Complete
North Rural	Puhoi	Krippner Rd	2214	Under slip - Major	Open - Normal	Complete
North Rural	Puhoi	Krippner Rd	2656	Under slip - Major	Open - Normal	Complete
North Rural	Puhoi	Krippner Rd (This Is Not A Duplicate!)	2584	Under slip - Major	Open - Normal	Complete

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
North Rural	Snells Beach	Mahurangi East Rd	1450	Under slip - Major	Open - Normal	Complete
North Rural	Makarau	Makarau Rd	4740	Under slip - Major	Open - Normal	Complete
North Rural	Makarau	Makarau Rd	4740			Complete
North Rural	Matakana	Matakana Valley Rd	7330-7257	Under slip - Major	Open - Normal	Complete
North Rural	Matakana	Matakana Valley Rd	5990	Under slip - Major	Open - Normal	Complete
North Rural	Matakana	Matakana Valley Rd	7500	Under slip - Major	Open - Normal	Complete
North Rural	Matakana	Matakana Valley Rd	7730	Under slip - Major	Open - Normal	Complete
North Rural	Leigh	Leigh Rd	5577	Under slip - Major	Open - Normal	Construction
North Rural	Matakana	Matakana Valley Rd	7037	Under slip - Major	Open - Single Lane	Complete
North Rural	Matakana	Matakana Valley Rd (Apart of RP7037)	7091 (7037)	Over Slip - Major	Open - Single Lane	Complete
North Rural	Matakana	Matakana Valley Rd(Not A Duplicate)	5875	Under slip - Major	Open - Normal	Complete
North Rural	Matakana	Matakana Valley Road	5900		Open - Normal	Complete
North Rural	Matakana	Takatu Rd	6109	Under slip - Major	Open - Single Lane	Construction
North Rural	Puhoi	Weranui Road	6280	Under slip - Major	Open - Normal	Complete
North Rural	Dairy Flat	Dairy Flat Highway/6634	6634	Under slip - Minor	Open - Normal	Investigation & Design
North Rural	Matakana	Matakana Valley Road	4900	Drain-Scour Damages		Complete
North Rural	Warkworth	Moir Hill Rd	2317	Under slip - Major	Open - Normal	Complete
North Rural	Warkworth	Moir Hill Rd	111	Under slip - Major	Open - Normal	Complete
North Rural	Warkworth	Moir Hill Rd	198	Under slip - Major	Open - Normal	Complete
North Rural	Warkworth	Moir Hill Rd	279	Under slip - Major	Open - Normal	Complete
North Rural	Warkworth	Moir Hill Rd	1531	Under slip - Major	Open - Normal	Complete
North Rural	Puhoi	Ahuroa Rd/7784	7784	Under slip - Major	Open - Single Lane	Construction
North Rural	Matakana	Takatu Rd	7852	Over Slip - Major	Open - Normal	Construction
North Rural	Warkworth	Moir Hill Rd	162	Under slip - Major	Open - Normal	Complete
North Rural	Leigh	Pakiri Rd	4218	Under slip - Major	Open - Normal	Complete
North Rural	Leigh	Pakiri Rd	12395	Under slip - Minor	Open - Normal	Complete
North Rural	Leigh	Pakiri Rd	12768	Under slip - Major	Open - Normal	Complete
North Rural	South Head	South Head Road	23717	Under slip - Major	Open - Normal	Complete
North Rural	Tahekeroa	Tahekeroa Rd	3610	Under slip - Major	Open - Normal	Complete
North Rural	Tahekeroa	Tahekeroa Rd (Kiwi Rail)	0	Over Slip - Major	Open - Normal	Complete
North Rural		Takatu Rd	8290-8381	Under slip - Major	Open - Normal	Complete
North Rural	Matakana	Takatu Rd	8281	Under slip - Major	Open - Normal	Complete



Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
North Rural	Matakana	Takatu Rd	8300	Under slip - Major	Open - Normal	Complete
North Rural	Matakana	Takatu Rd	8350	Under slip - Major	Open - Normal	Complete
North Rural	Kaipara Flats	Tauhoa Rd	9516	Under slip - Major	Open - Single Lane	Complete
North Rural	Wainui	Wainui Rd (Albert Su-July/Aug23 Storm)	7960	Under slip - Major	Open - Normal	Complete
North Rural		Wainui Road	7960-8115			Complete
North Rural	Dome Valley	Waiwhiu Rd	498	Under slip - Major	Open - Normal	Complete
North Rural	Puhoi	Weranui Road	7312	Under slip - Major	Open - Normal	Complete
North Rural	Woodcocks	West Coast Rd (Woodcocks)	10429 (11900)	Under slip - Major	Open - Normal	Complete
North Rural	Woodcocks	West Coast Rd (Woodcocks)	13570	Under slip - Major	Open - Normal	Complete
North Rural	Warkworth	Moir Hill	150	Under slip - Major	Open - Normal	Complete
South Rural	Karaka	Linwood Rd 1	9100	Under slip	Open - Normal	Complete
South Rural	Karaka	Linwood Rd 2	8750	Under slip	Open - Normal	Complete
South Rural	Manukau Heads	Manukau Heads Rd	6960		Closed	Design
South Rural	Clevedon	Monument Rd	6000	Under slip	Open - Normal	Complete
South Rural	Clevedon	Monument Rd	6400	Under slip	Open - Normal	Complete
South Rural	Clevedon	Otau Mountain Rd	3300	Under slip	Open - Normal	Complete
South Rural	Awhitu Rural	Awhitu Rd	23454	Over Slip	Open - Normal	Complete
South Rural	Wiauku	Kohekohe Kariotahi	3500	Under slip	Open - Normal	Design
South Rural	Pukekohe	East St (Pukekohe)	285	Over Slip	Open - Normal	Complete
South Rural	Awhitu Rural	1966 Awhitu Road	23750	Under slip	Open - Normal	Complete
South Rural	Mauku	Union Road	2346	Under slip	Open - Normal	Complete
South Rural	Awhitu	Kemp Road	3455	Under slip	Open - Normal	Design
South Rural	Awhitu	Te Toro Road	740	Under slip	Open - Residents Only	Construction
South Rural	Karaka	Urquhart Road	295	Under slip	Open - Normal	Investigation
South Rural	Manukau Heads	Grahams Beach Road	780	Under slip	Open - Normal	Complete
South Rural	Hunua	Hunua Gorge Road	2098	Under slip	Open - Normal	Complete
South Rural	Patumahoe	Kingseat Road	2680	Under slip	Open - Normal	Complete
South Rural	Hunua	Skyhigh Road	2575	Under slip	Open - Normal	Complete
South Rural	Clevdon	McNicoll Road	0	Under slip	Open - Normal	Complete
South Urban	Cockle Bay	Marine Parade	392	Under slip	Open - Normal	Complete
South Rural	Whakatiwai	East Coast Road		Over Slip	Open - Single Lane	Investigation

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
South Urban	Mellons Bay	Marine Pde (Cockle Bay)	392	Under slip	Open - Normal	Complete
West	Piha	Glenesk Road	61	Under slip	Open - Normal	Complete
West	Piha	Glenesk Road	178	Under slip	Open - Normal	Complete
West	Titirangi	Paturua Rd 15	0.224	Over slip	Closed	On Hold
West	Titirangi	Paturua Road 15	262	Failing retaining Wall	Closed	Design
West	Titirangi	Paturua Road 17	260	Under slip	Closed	Design
West	Titirangi	Paturua Road 17	260	Over slip	Closed	Design on Hold
West	Piha	Piha Road	12755	Under slip	Open	Design
West	Piha	Rayner Road	560	Under Slip	Open - Under Restrictions	Investigation
West	Henderson Valley	Simpson Road	1850	Bridge/structure Failure	Open - Normal	Design
West	Titirangi	Takahe Rd	261	Under slip	Open - Normal	Complete
West	Titirangi	Titirangi Beach Rd	375	Under slip	Open - Normal	Complete
West	Titirangi	Titirangi Beach Rd	735	Under slip	Open - Normal	Complete
West	Titirangi	Titirangi Road	4246 (418)	Under slip	Open - Normal	Complete
West	Oratia	West Coast Road	5267	Under slip	Open - Normal	Design
West	Titirangi	Woodlands Park Road	1511	Under slip	Traffic light Priority give-away	Design
West	Massey	Yelash Road	538	Under slip	Open - Normal	Complete
West	Waitakere	Bethells Road	9315	Under slip	Open - Normal	Complete
West (Ventia)	Titirangi	Huia Road	13700	Under slip	Open - Normal	Investigation
West	Piha	Karekare Road	555	Under slip	Closed	Construction
West	Piha	Karekare Road	1260	Under slip	Closed	Complete
West	Piha	Karekare Road	1143	Under slip	Closed	Complete
West	Piha	Karekare Road	941	Under slip	Closed	Complete
West	Piha	Karekare Road	150	Under slip	Closed	Complete
West	Piha	Lone Kauri Road	2085	Under slip	Closed - Residents Only	Complete
West	Piha	Lone Kauri Road	600	Under slip	Closed - Residents Only	Complete
West	Piha	Lone Kauri Road	2500	Under slip	Closed - Residents Only	Design
West	Piha	Lone Kauri Road	5170	Under slip	Closed - Residents Only	Complete
West	Swanson	Scenic Dr	12500	Road Surface	Open - Normal	Complete
West	Titirangi	Scenic Dr	900	Under slip	Closed	Complete
West	Titirangi	Scenic Dr	750	Under slip	Closed	Complete
West	Waiatarua	Scenic Dr	9500	Under slip	Open - Normal	Design

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
West	Waiatarua	Scenic Dr	8250	Under slip	Closed	Complete
West	Waiatarua	Scenic Dr	850	Under slip	Closed	Construction
West	Waiatarua	Scenic Drive North	1658	Under slip	Open - Normal	Complete
West	Oratia	Shaw Rd	3720	Road Surface	Open - Normal	Design
West	Waitakere	Te Henga Road	1600	Under slip	Closed	Construction
West		Vineyard Road	615	Under slip	Open - Normal	Complete
West	Waitakere	Wairere Road	3427	Under slip	Open - Single Lane	Construction
West (Ventia)	Titirangi	40 Otitori Bay Road	270	Under slip	Open - Normal	Complete
West (Ventia)	Waitakere	Bethells Road	11036	Under slip	Open - Normal	Complete
North Urban	Birkenhead	Hinemoa Tce	11	Under slip	Open - Normal	Complete
North Urban	Redvale	John Brian Dr	30	Under slip	Open - Under Restrictions	Complete
North Urban	Albany	Bush Rd	33	Under slip	Open - Normal	Design
North Urban	Birkenhead	Huka Road	80	Under slip	Open - Normal	Design
North Urban	Whangaparoa	Hobbs Rd	127	Under slip	Open - Normal	Complete
North Urban	Herald Island	Twin Wharf Rd	149	Under slip	Open - Single Lane	Construction
North Urban	Lucas Creek	Paremoremo Rd Site #1	166	Under slip	Open - Normal	Complete
North Urban	Bayswater	Sir Peter Blake Pde	180	Under slip	Open - Normal	Complete
North Urban	Northcote	Raymond Tce	230	Under slip	Open - Normal	Design
North Urban	Redvale	John Brian Dr	240	Under slip	Open - Under Restrictions	Construction
North Urban	Birkdale	Lanigan Street	260	Under slip	Open - Normal	Design
North Urban	Birkenhead	Inkster St	267	Under slip	Open - Normal	Complete
North Urban	Greenhithe	Rahui Rd	304	Under slip	Open - Normal	Complete
North Urban	Stanmore Bay	Riverhaven Drive	358	Under slip	Open - Normal	Complete
North Urban	Albany Heights	Albany Heights Road	545	Under slip	Open - Normal	Design
North Urban	Albany	Gills Road	591	Under slip	Open - Normal	Complete
North Urban		Masterton Road	663	Under slip	Open - Under Restrictions	Complete
North Urban	Greenhithe	Tauhinu Rd	723	Under slip	Open - Normal	Complete
North Urban	Stanmore Bay	Scott Road	920	Under slip	Open - Normal	Complete
North Urban	Paremoremo	Elmore Road	940	Under slip	Open - Normal	Construction
North Urban	Glenfield	Kaipatiki Rd (Rp1077)	1077	Under slip	Open - Normal	Complete
North Urban	Riverhead	Ridge Road	1160	Under slip	Open - Normal	Complete
North Urban	Riverhead	Ridge Road	1188	Under slip	Open - Normal	Complete



Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
North Urban	Riverhead	Ridge Road	1234	Under slip	Open - Normal	Complete
North Urban	Whangaparoa	Wade River Rd	1615	Under slip	Open - Single Lane	Design
North Urban		Lonely Track Road	1930	Under slip	Open - Normal	Complete
North Urban	Stillwater	Spur Rd	2465	Under slip	Open - Under Restrictions	Complete
North Urban	Stillwater	Duck Creek Road Emergency Works	2503	Under slip	Open - Normal	Construction
North Urban	Stillwater	Duck Creek Rd Improvements	2630	Under slip	Open - Normal	Construction
North Urban	Paremoremo	Paremoremo Rd Site #2	2794	Under slip	Open - Normal	Complete
North Urban	Torbay	Glenvar Road	3030	Under Slip	Open - Normal	Complete
North Urban	Paremoremo	Paremoremo Rd Site #3	3275	Under slip	Open - Normal	Complete
North Urban	Paremoremo	Paremoremo Road (site4)	3773	Under slip	Open - Normal	Complete
North Urban	Albany Heights	Dairy Flat Highway #2	4252	Under slip	Open - Normal	Complete
North Urban	Stillwater	Duck Creek Road	4400	Under slip	Open - Normal	Complete
North Urban	Albany Heights	Dairy Flat Highway #1	4784	Under slip	Open - Normal	Complete
North Urban	Hadfields Beach	Hibiscus Coast Hwy	5842	Under slip	Open - Normal	Design
North Urban	Hadfields Beach	Hibiscus Coast Hwy	6155	Under slip	Open - Normal	Construction
North Urban	Redvale	East Coast Road	9916	Under slip	Open - Normal	Design
Central Urban	Hillsborough	Waikowhai Road	200	Under slip	Open - Single Lane	Complete
Great Barrier Island	Shoal Bay	Shoal Bay Road	2292	Under slip	Open - Single Lane	Design
Great Barrier Island	Tryphena	Cape Barrier Road	1522	Under slip	Open - Normal	Complete
Great Barrier Island	Awana #1	Aotea Road	8274	Under slip	Open - Normal	Construction
Great Barrier Island	Awana #2	Aotea Road	8638	Under slip	Open - Single Lane	Design
Great Barrier Island	Awana #3	Aotea Road	19498	Under slip	Open - Single Lane	Design
Great Barrier Island	Whangaparapara	Whangaparapara Road	2922	Under slip	Open - Single Lane	Complete
Waiheke Island	Cowes Bay	203-231 Orapiu Road	1995	Under slip	Open - Single Lane	Complete
Waiheke Island	Little Oneroa	40 Hekerua Road	175	Under slip	Open - Single Lane	Complete
Waiheke Island	Ostend	Wharf Road / Waitai Road	460	Under slip	Open - Normal	Complete
Rakino		South Pacific Road	0	Under slip	Open - Single Lane	Complete
Rakino		Jane York Place	100	Under slip	Open - Single Lane	Complete
Waiheke Island		The Esplanade Seawall (opposite 46 Moa Avenue)	170	Scouring	Open - Normal	Design
West (Ventia)	Piha	Huia Road	12500	Under slip	Open - Single Lane	Investigation
West (Ventia)	Titirangi	Huia Road	4072	Under slip	Open - Single Lane - Traffic	Design

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
					Lights	
West (Ventia)	Piha	Huia Road	11347	Under slip	Open - Single Lane	Design
West (Ventia)	Titirangi	Huia Road 81-85	916	Under Slip	Open - Single Lane	Design
West (Ventia)	Waitakere	Kay Road	1090	Under slip	Closed	Design
West (Ventia)	Glen Eden or Oratia	Kellys Road	240	Under slip	Closed - Residents Only	Construction
West (Ventia)	Titirangi	Konini Road 157	1501	Under slip	Footpath closed	Design
West (Ventia)	Henderson Valley	Mountain Road	899	Under slip	Closed - Residents Only	Design
West (Ventia)	Henderson Valley	Mountain Road	1318	Under slip	Closed - Residents Only	Design
West (Ventia)	Henderson Valley	Mountain Road	1387	Under slip	Closed - Residents Only	Construction
West (Ventia)	Henderson Valley	Mountain Road	1468	Under slip	Closed - Residents Only	Construction
West (Ventia)	Henderson Valley	Mountain Road	2775	Under slip	Closed - Residents Only	Construction
West (Ventia)	Henderson Valley	Mountain Road	1664	Under slip	Closed - Residents Only	Construction
West (Ventia)	Henderson Valley	Mountain Road	1833	Under slip	Closed - Residents Only	Construction
West (Ventia)	Titirangi	Ngaio Road	25	Over Slip	Open - Normal	Design
West (Ventia)	Henderson Valley	Opanuku Road	1280	Under slip	Open - Normal	Design
West (Ventia)	Henderson Valley	Opanuku Road	1550	Under slip	Open - Normal	Design
West (Ventia)	Massey	Red Hills Road	2150	Under slip	Open - Normal	Design
West (Ventia)	Waiatarua	Scenic Dr	6580	Under slip	Closed	Design
West (Ventia)	Waiatarua	Scenic Dr	6735	Under slip	Closed	Construction
West (Ventia)	Waitakere	Stoney Creek Drive	775	Over Slip	Open - Normal	Investigation
West (Ventia)	Waitakere	Stoney Creek Drive	850	Under slip	Open - Normal	Investigation
West (Ventia)	Titirangi	Tanekaha Road 28	530	Under slip	Open - Single Lane - Traffic Lights	Investigation
West (Ventia)	Te Henga	Tasman View Road	65	Under slip	Open - Single Lane	Investigation
West (Ventia)	Blockhouse Bay	Taunton Road 45	119	Under slip	Open - Single Lane	Construction
West (Ventia)	Huia	Whatipu Road	3762	Under slip	Open - Single Lane	Design
West (Ventia)	Titirangi	Huia Road 634	6800		Open - Single Lane	Design
West (Ventia)	Waitakere	Bethells Road	3790	Under slip	Open - Normal	Complete
West (Ventia)	Waitakere	Bethells Road	2799	Under slip	Open - Normal	Complete
West (Ventia)	Waitakere	Caton Road 16	91	Under slip	Open - Normal	Complete
West (Ventia)	Henderson Valley	Mountain Road	655 (No. 177)	Under slip	Closed - Residents Only	Complete

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
West (Ventia)	Henderson Valley	Mountain Road	712	Under slip	Closed - Residents Only	Complete
West (Ventia)	Henderson Valley	Mountain Road	636	Under slip	Closed - Residents Only	Complete