



Leigh Road, Leigh

Flood Recovery Status Update

MONTHLY UPDATE ON WORK COMPLETED

Issued by: Programme Controller | Month: February 2025

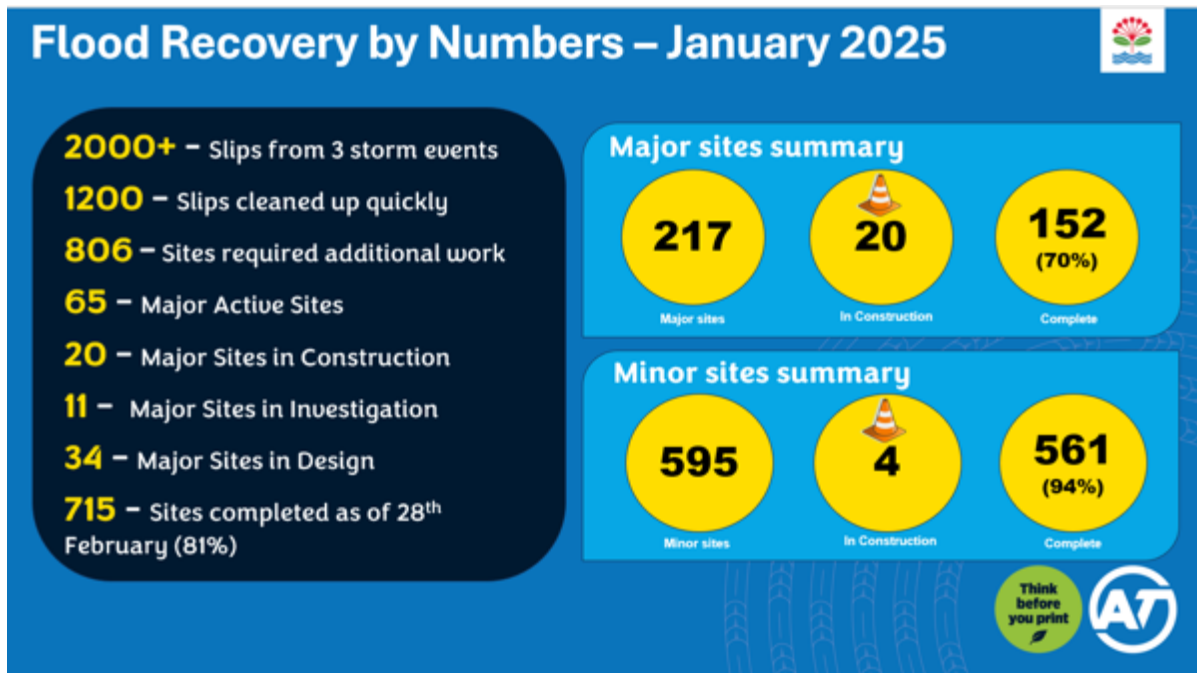
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OVERVIEW

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	67	39	75	20	1	15
Major Active Projects	5	9	39	5	0	6
Major Projects Completed	62	30	36	15	1	9
Projects in Investigation stage	1	0	9	1	0	0
Projects in Design stage	2	4	19	3	0	5
Projects in Construction stage	2	5	11	1	0	1
No. of projects expected to be completed by end of FY24-25	4	9	30	5	0	5
No. of projects expected to be completed by end of FY25-26	1	0	9	0	0	1

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

ROAD STATUS

Currently there are **9** local roads with full closures in place, **10** roads open to single lane, **2** roads open – under restriction (traffic management) and **3** 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 [a 2-Year Anniversary Special 2025](#) e-newsletter shared via email, Auckland Council newsletter distribution and Auckland Transport social media.
- Produced story content and video for AT social media:
 - 📄 [Duck Creek Road Slip repair June 2024 - February 2025](#)
- Produced and published site completion stories internally and externally via AT social media, AT web page, Auckland Council newsletter distribution and wider social sharing (e.g. Local Boards and Elected Members):
 - 📄 [Crucial Penlink detour road repaired and strengthened - OurAuckland](#)
 - 📄 [Cyclone repairs complete: Scenic Drive, Titirangi section - OurAuckland \(video\)](#)
- Provided Auckland Transport's Media Team with a media release and video announcing the completion of Ahuroa Road slip repairs. Check out the [video link here](#).
- Produced geo-targeted and social media advertising tiles and/or posts to inform the public about: East Coast Road (Torbay), Elmore Road (Paremoremo), Hibiscus Coast Highway (Hatfields Beach), Duck Creek Road (Stillwater), Albany Heights Road (Albany Heights) and Aotea Road (Great Barrier Island).
- Drafted a [paper for the Waitākere Ranges Local Board](#) on options for the management of material from Pohutukawa Glade and facilitated stakeholder communications prior to and following the meeting.
- Updated Auckland Transport's Flood Recovery website pages.
- Updated the Auckland Transport Flood Recovery Communications & Engagement Plan.

AREA: NORTH URBAN

WORK COMPLETED IN THE LAST MONTH

- Albany Heights Road, Albany Heights
- Duck Creek Road, Stillwater (2 sites)
- Hibiscus Coast Highway, Hatfields Beach

PROJECTS IN CONSTRUCTION PHASE

SITE NAME	ESTIMATED COMPLETION DATE
East Coast Road, Torbay	April 2025
Elmore Road, Paremoremo	March 2025
Raymond Terrace, Birkenhead	March 2025
Twin Wharf Road, Herald Island (stairs)	April 2025
Wade River Road, Whangaparaoa	April 2025

Upcoming sites include Bush Road, Albany and Hibiscus Coast Highway, 674A, Hatfield's Beach – Stormwater resilience.

CONSTRUCTION PROGRESS UPDATE

- **ALBANY HEIGHTS ROAD:** Work started on the 7th of January and progressed ahead of schedule with works completed on 14 February 2025. The work included a 33-metre-long timber retaining wall.



- **DUCK CREEK ROAD:** This eight-month long repair started June 2024 and finished on 7 February 2025, ensuring enhanced safety and uninterrupted access to Stillwater during the construction of O Mahurangi – Penlink. The project included building three retaining walls, installing improved drainage facilities, making improvements to driveway entrances, and laying new pavement.

Check out the great story [here on Our Auckland](#) and a short video [here on YouTube](#).



- **EAST COAST ROAD:** Repair work started on 12 February and is expected to take two months to complete. Work included a 45-metre long retaining wall, drainage facility improvements and road pavement repairs. Because the work area is narrow, the existing road was widened and is reduced to one lane in this area. Traffic lights, with manual control at peak times, are being used to manage traffic flows.



- **ELMORE ROAD:** Work started on 17 February 2025 to repair a slip near Paremoremo Road. Repairs involved a 40m-long concrete block retaining wall. During the road closure, the opportunity was taken to construct an improved stormwater line across the road as part of the stormwater resilience programme further along Elmore Road. Access for residents was maintained either side of the closure near property #20. Fast progress led to completion of the retaining wall near property #20 on 25 February 2025 and the road reopening in this location. Traffic lights remain to complete the stormwater works near property #60, with this second work site expected to be completed mid-March.



- **HIBISCUS COAST HIGHWAY:** Repair work started on 14 October 2024 and was completed on 13 February 2025. The work included a 53m long concrete palisade wall and capping beam, drainage and footpath upgrades as well as new pedestrian fencing, guardrails and pavement.



- **RAYMOND TERRACE:** Work started on 11 February 2025 to construct a 22-pole inground timber retaining wall along the southern road boundary. Also included are drainage facilities and road pavement/footpath repairs. The area at the entrance to Kauri Glen Reserve will also be reinstated. Raymond Terrace is closed, but access for residents is being managed on site. During construction, Raymond Terrace pedestrian access in/out of Kauri Glen Reserve is temporarily closed. All other pedestrian access points in and out of Kauri Glen Reserve remain open.



- **WADE RIVER ROAD:** Work started on the 7th of January and consists of a 103m long timber retaining wall, drainage improvements and pavement reinstatement. Because of the narrow road area, Wade River Road is closed in this area. Detours are in place. Work is ahead of schedule and is expected to be completed around mid-March.



ROAD STATUS

CLOSED

- Wade River Road, Wade Heads

OPEN – SINGLE LANE

- East Coast Road, Torbay

OPEN – UNDER RESTRICTION

- None

CLOSED – RESIDENTS ACCESS ONLY

- Elmore Road, Paremoremo
- Raymond Terrace, Northcote

AREA: NORTH RURAL

WORK COMPLETED IN THE LAST MONTH

- Ahuroa Road, Ahuroa
- Leigh Road, Leigh

PROJECTS IN CONSTRUCTION PHASE

SITE NAME	ESTIMATED COMPLETION DATE
Matakana Valley Road, Matakana	July 2025
Redhill Road, Te Arai	May 2025

Upcoming sites include Dairy Flat Highway, Dairy Flat and Pinchgut Road, Kaukapakapa.

CONSTRUCTION PROGRESS UPDATE

- **AHUROA ROAD:** Rodney's most comprehensive and costly flood recovery road repair is complete after 20 months of construction. Ahuroa Road suffered several slips, including 8 major slips requiring extensive repairs. The last site was completed in mid-February 2025 and the road is now fully open again. Below are some photos of the original slip, a map showing the major slip locations and finishing photos of the last slip completed.

Check out our [1-minute summary video](#) highlight some great features of this work.





- **LEIGH ROAD:** Slip repair work on Leigh Road started on 7 October 2024 and is now largely complete at the road level. Some minor remedial work is required below the road.



- **MATAKANA VALLEY ROAD:** Slip repair work at the 10th and final site on Matakana Valley Road, known as the waterfall site, began on 20 January 2025. The team are progressing with the installation of the block wall, breaking out rock for the foundations and then backfilling behind the blocks as they progress along. This work is expected to take up to six months to complete.



- **RED HILL ROAD:** Work began on 20 February 2025 and is expected to take three months to complete. Work includes the construction of two retaining walls – above and below the site – drainage improvements and roadside structural upgrades. The road is currently closed in this location and has been since the slip occurred.



- **MILL FLAT ROAD BRIDGE:** Things have progressed with Vector with a design now approved. Following the changes from Vector works, we also submitted a consent amendment and are currently waiting on that to be approved. Once this is approved, we will confirm a date with Vector for their work, so that we can then start ours. All going well, we should be on site around May.



ROAD STATUS

CLOSED

- Red Hill, Te Arai

OPEN – SINGLE LANE

- Pinchgut Road, Kaukapakapa
- Matakana Valley Road (Waterfall site)

OPEN – UNDER RESTRICTION

- None

CLOSED – RESIDENTS ACCESS ONLY

- None

AREA: SOUTH RURAL & URBAN

WORK COMPLETED IN THE LAST MONTH

- None

PROJECTS IN CONSTRUCTION PHASE

SITE NAME	ESTIMATED COMPLETION DATE
Kemp Road, Awhitu (site 1)	April 2025

Upcoming sites include Kemp Road, Awhitu (Site 3) and Kohekohe-Karioitahi Road. Both are expected to start in mid-March.

CONSTRUCTION PROGRESS UPDATE

- **KEMP ROAD:** Work on Kemp Road site 1 started in February 2025. There are multiple sites along Kemp road requiring repair. Site 1 includes a timber retaining wall and repairs to the road surface. Work is expected to be completed at the end of April.



ROAD STATUS

CLOSED

- Manukau Heads Road, Manukau Heads

OPEN – SINGLE LANE

- East Coast Road, Whakatiwai

OPEN – UNDER RESTRICTION

- None

CLOSED – RESIDENTS ACCESS ONLY

- Kemp Road, Awhitu

AREA: WEST

WORK COMPLETED IN THE LAST MONTH

- Scenic Drive RP6.75

CONSTRUCTION PHASE – NEXT 7 MONTHS

SITE NAME	ESTIMATED COMPLETION DATE
Duffy Road	June 2025
Huia Road, 6 Sites	June 2025 (RP12.55 TBC)
Kay Road, Swanson	June 2025
Konini Road, Titirangi	June 2025
Lone Kauri Road, Karekare	April 2025
Mountain Road, Henderson Valley multiple sites (8)	TBC
Ngaio Road, Waima	June 2025
Opanuku Road, Henderson Valley	June 2025
Paturoa Road, Titirangi	June 2025
Scenic Drive, 'Elevation' Waiatarua	TBC
Scenic Drive, Arataki, 1 site (RP6.58)	September 2025
Scenic Drive /Shaw Road	TBC
Stoney Creek Road	June 2025
Tanekaha Road, Titirangi	July 2025
Tasman Road, Te Henga	June 2025
Taunton Road, Blockhouse Bay	February 2025
Wairere Road, S bend past Caton	February 2024
Waitakere Underpass -	June 2025
West Coast Road, Oratia	June 2025
Whatipu Road, Whatipu	March 2025
Woodlands Park Road	June 2025

CONSTRUCTION PROGRESS UPDATE

- **HUIA ROAD, SIX SITES:** There are 6 sites on Huia Road one of which has just completed the construction phase and the others are going through completion of all the design work. These will be reported on in coming months.
- **HUIA ROAD (RP0.916) OUTSIDE 81 HUIA ROAD:** Construction work began on this site on 6 Jan 2025, the road was under full closure for 2 weeks and a 2 weekends, and following that, one-lane was open to traffic. The repair includes construction of a retaining wall with 8m long beams, repairs to the shoulder, the swale drains and replacement of the stormwater culvert. The road is complete and open to traffic. Repairs to drainage and clearance of culverts uphill from this slip will make this section more resilient in future heavy rainfall.



Slip located at 81 Huia Road, repair includes retaining wall and extensive drainage repairs.

- **LONE KAURI ROAD, KAREKARE (RP2.5)** Work started from 15 January 2025. There has been a full closure in place while work was underway. The retaining work is completed, and work is paused with the road open under traffic lights until the drainage and pavement crews are onsite to complete those two elements. We expect the works will be completed by the end of March.



Slip site RP2.5 Lone Kauri Road, works started 15 January 2025. The handrail in the photo is above a retaining wall built prior to the cyclone. The retaining wall will be extended either side of this location.

- **MOUNTAIN ROAD:** Work on Mountain Road is restricted by the narrow width of the road. While working through each of the slip sites, we have been working on improving the resilience of the drainage, installing new drainage and culverts.



Map of Mountain Road site locations

- **MOUNTAIN ROAD RP 0.899:** The crew have completed the soil nailing on this site and in March we expect the shotcrete and pavement repair.



Site RP0.899 Mountain Road – image shows the soil nails that have been installed in January.

- **MOUNTAIN ROAD RP 1.318:** Pavement repair works have been completed early in February and concrete swale drains were installed on 14 and 20 February. Remaining works include topsoiling, and installation of sight rails, and some minor finishing items.



Site RP1.387 Mountain Road in February 2025

- **MOUNTAIN ROAD RP 1.387:** Pavement repair works have been completed early in February and concrete swale drains were installed on 14 and 20 February. An additional culvert was uncovered while the swale drain was being installed. We investigated using CCTV and found this culvert was damaged and will need replacing. Other remaining works include topsoiling, and installation of sight rails, and some minor finishing items.



Site RP1.387 Mountain Road – image shows work on the kerb and channels.

- **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. The contractor is finalizing plans for starting construction, which is proposed to start in Late-March 2025.



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

An existing timber pole retaining wall adjacent to the large slip is also failing and needs to be repaired as it is at the end of its lifecycle. This work will take place after the first wall is completed.



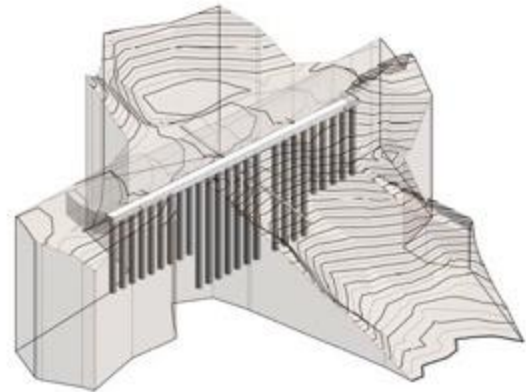
Large Slip on the corner of Paturoa Road, previous retaining wall has failed and fallen towards the beach.

- **RAYNER ROAD, PIHA:** Our contractor will be drilling to install inclinometers outside 47 Rayner Road on 11 and 13 March 2025. The inclinometers will be measuring movement local to the area of ground movement – Drilling down to 30m to locate extent of slip, establish a failure plan if ground were to move further and organise installation of horizontal subsoil to drain water from the ground area beneath the road. Vector will attend to isolate the power during works. We will notify residents about the power cuts and the traffic management prior to works starting.
- **SCENIC DRIVE (RP 6.73), (SCENIC 8) BETWEEN ARATAKI AND WEST COAST ROAD:** Construction commenced on 21 October 2024. A temporary retaining wall was installed prior to permanent works installation. This temporary retaining wall supported the machinery and stabilized this section while the machinery built the permanent retaining wall. The permanent wall has been completed and the reinstatement of the road, and this work was completed by the end of February.



Scenic Drive RP6.73 site – the permanent retaining wall and works completed.

- **SCENIC DRIVE (RP 6.58), BETWEEN ARATAKI AND WEST COAST ROAD:** The design for this repair is concrete piled tied back wall. Work on site will begin in the first week of March 2025. This repair will require full road closure – no change to the current closure.



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

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

Steady progress was made in December on this site with many rows of soil nails installed. In January, some issues were discovered with an area in the slip where the material was identified as not ideal for the installation of the nails, and so work was paused for further investigation and redesign for this section. Additional bore drainage through this section is being included in the design. Work resumed on 10 February, and we expect shotcrete to start in early-March with the new expected completion date end of March 2025.

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.



Slip on Taunton Terrace opposite #45

- **WAIRERE ROAD: 349 WAIRERE ROAD:** Works started 14 October and have progressed well with 258 soil anchors installed. The shotcreting was completed in December and the pavement and line marking was completed before Christmas. In February we installed the sight rail and drainage aprons and this repair is now completed.



Wairere Road slip site 349 Wairere Road, sight rail and drainage aprons installed.

- **WAITAKERE UNDERPASS - WALKWAY:** We are working on the final design of the repair for the footpath under Waitakere Road. We expect work to start on this repair in late March 2025, but will update the community when the start date is confirmed with further information including the expected time frame for works and any traffic management.



- **WHATIPU ROAD:** We will start work on the slip at this location on 3 March 2025. While the work is underway the road will be under full road closure, Monday to Friday, 8am to 5.30pm, (3.30pm on Fridays) and will open the road for access from 12 – 1pm each day. We expect works to be completed by the end of April 2025.

ROAD STATUS

CLOSED

- Paturoa Road 15, Titirangi
- Paturoa Road 17, Titirangi
- Scenic Drive, Waiatarua
- Bethells Road, Waitakere – slip repair from 2022 Storm, not in recovery package.
- Kay Road, Waitakere
- Whatipu Road, Huia

OPEN – SINGLE LANE

- Huia Road, Piha
- Huia Road 634, Titirangi
- Taunton Road 45, Blockhouse Bay
- Lone Kauri Road, Karekare

CLOSED – OPEN TO RESIDENTS ONLY

- Kellys Road, Glen Eden/ Oratia
- Mountain Road, Hendersen Valley

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

WORK COMPLETED IN THE LAST MONTH

- Bassett Road, Remuera

PROJECTS IN CONSTRUCTION PHASE

SITE NAME	ESTIMATED COMPLETION DATE
Aotea Road, Great Barrier Island (1 of 3 Sites)	May 2025
Waiheke Road, Waiheke Island	March 2025

Upcoming sites include View Road, Waiheke Island and Shoal Bay Road, Great Barrier Island.

CONSTRUCTION PROGRESS UPDATE

- **AOTEA ROAD:** Slip repair work started on Monday 24 February 2025. The below photo shows the before and indicative cut area. The work is expected to continue for the next five weeks before the team move on to the other 2 sites on Aotea Road. The map below right shows the location of the three slips on Aotea Road.



- **BASSETT ROAD:** Slip Repair work on Bassett Road got underway on 28 October 2024 and were completed in February 2025. Work included the construction of a concrete block retaining wall.



- **WAIHEKE ROAD:** Slip Repair work on Waiheke Road got underway on 3 March 2025 and involves the installation of a 40m-long cantilever timber retaining wall. This work is expected to take approximately four weeks to complete. Stop/go traffic management is in place from 7am to 7pm, with two-way traffic after hours.



ROAD STATUS

CLOSED

- None

OPEN – SINGLE LANE – STOP/GO

- Aotea Road, Great Barrier Island
- Waiheke Road, Waiheke Island

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
Central Urban	Hillsborough	Waikowhai Road	200	Under slip	Open - Normal	Complete
Central Urban	Remuera	#160 Bassett Road	1280	Under Slip	Open - Normal	Construction
Central Urban	Orakei	70 Paratai Road	1063	Under Slip	Open - Normal	Design
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 - Normal	Design
Great Barrier Island	Awana #3	Aotea Road	19498	Under slip	Open - Normal	Design
Great Barrier Island	Whangaparapara	Whangaparapara Road	2922	Under slip	Open - Normal	Complete
Waiheke Island	Cowes Bay	203-231 Orapiu Road	1995	Under slip	Open - Normal	Complete
Waiheke Island	Little Oneroa	40 Hekerua Road	175	Under slip	Open - Normal	Complete
Waiheke Island	Ostend	Wharf Road / Waitai Road	460	Under slip	Open - Normal	Complete
Rakino		South Pacific Road	0	Under slip	Open - Normal	Complete
Rakino		Jane York Place	100	Under slip	Open - Normal	Complete
Waiheke Island		The Esplanade Seawall (opposite 46 Moa Avenue)	170	Scouring	Open - Normal	Design
North Rural	Puhoi	Ahuroa Rd	8710	Under slip - Major	Open - Normal	Complete
North Rural	Puhoi	Ahuroa Rd (Hill)-Realignment	8200-8600	Under slip - Major	Open - Normal	Complete
North Rural	Puhoi	Ahuroa Rd (Hill)-Realignment	8330	Under slip - Major	Open - Normal	Complete
North Rural	Puhoi	Ahuroa Rd (Included In The July/Aug23)	7540	Under slip - Major	Open - Normal	Complete
North Rural	Puhoi	Ahuroa Rd/7784	7784	Under slip - Major	Open - Single Lane	Complete
North Rural	Dairy Flat	Dairy Flat Highway/6634	6634	Under slip - Minor	Open - Normal	Design
North Rural	Leigh	Goat Island Rd	133	Under slip - Major	Open - Normal	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	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	2506	Under slip - Major	Open - Single Lane	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

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
North Rural	Puhoi	Krippner Rd	1550	Under slip - Major	Open - Normal	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
North Rural	Leigh	Leigh Rd	5577	Under slip - Major	Open - Normal	Complete
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	Under slip - Major	Open - Normal	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	Matakana	Matakana Valley Rd	7037	Under slip - Major	Open - Normal	Complete
North Rural	Matakana	Matakana Valley Rd (A part of RP7037)	7091 (7037)	Over Slip - Major	Open - Normal	Complete
North Rural	Matakana	Matakana Valley Rd	5875	Under slip - Major	Open - Normal	Complete
North Rural	Matakana	Matakana Valley Road	5900		Open - Normal	Complete
North Rural	Matakana	Matakana Valley Road	4900	Drain-Scour Damages		Complete
North Rural	Warkworth	Moir Hill Rd	150	Under slip - Major	Open - Normal	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	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	Kaukapakapa	Pinchgut Road	1015	Under slip - Major	Open - Normal	Construction
North Rural	Kaukapakapa	Pinchgut Road, Pinchgut 2.0 Additional	1673	Under slip - Major	Open - Normal	Design

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
North Rural	Dairy Flat	Pine Valley Rd	1790	Under slip - Major	Open - Normal	Complete
North Rural	Coatesville	Potter Road	1259	Under slip - Major	Open - Normal	Scoping
North Rural	Te Arai	Red Hill Rd	1155	Under slip - Major	Open - Normal	Construction
North Rural	Riverhead	Ridge Road	1672	Under slip - Major	Open - Normal	Complete
North Rural	Dome Forest	Smyth Rd	2301	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	Matakana	Takatu Rd	6109	Under slip - Major	Open - Normal	Complete
North Rural	Matakana	Takatu Rd	7852	Over Slip - Major	Open - Normal	Complete
North Rural		Takatu Rd	8290-8381	Under slip - Major	Open - Normal	Complete
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 - Normal	Complete
North Rural	Wainui	Wainui Rd (Albert Su-July/Aug23 Storm)	7960	Under slip - Major	Open - Normal	Complete
North Rural	Dome Valley	Waiwhiu Rd	498	Under slip - Major	Open - Normal	Complete
North Rural	Puhoi	Weranui Road	6280	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	Kaukapakapa	West Rd (Kaukapakapa)	271	Under slip - Major	Open - Normal	Complete
North Rural	Helensville	Wishart Road	961	Under slip - Major	Open - Normal	Complete
North Urban	Birkenhead	Hinema Tce	11	Under slip	Open - Normal	Complete
North Urban	Redvale	John Brian Dr	30	Under slip	Open - Normal	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 - Normal	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	Construction

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
North Urban	Redvale	John Brian Dr	240	Under slip	Open - Normal	Complete
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	Complete
North Urban	Albany	Gills Road	591	Under slip	Open - Normal	Complete
North Urban		Masterton Road	663	Under slip	Open - Normal	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
North Urban	Riverhead	Ridge Road	1234	Under slip	Open - Normal	Complete
North Urban	Whangaparoa	Wade River Rd	1615	Under slip	Closed	Construction
North Urban		Lonely Track Road	1930	Under slip	Open - Normal	Complete
North Urban	Stillwater	Spur Rd	2465	Under slip	Open - Normal	Complete
North Urban	Stillwater	Duck Creek Road Emergency Works	2503	Under slip	Open - Normal	Complete
North Urban	Stillwater	Duck Creek Rd Improvements	2630	Under slip	Open - Normal	Complete
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	Hatfields Beach	Hibiscus Coast Hwy	5842	Under slip	Open - Normal	Design
North Urban	Hatfields Beach	Hibiscus Coast Hwy	6155	Under slip	Open - Normal	Complete
North Urban	Redvale	East Coast Road	9916	Under slip	Open - Single Lane (Traffic Management)	Construction
South Rural	Karaka	Linwood Rd 1	9100	Under slip	Open - Normal	Complete

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
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 - Residents Only	Construction
South Rural	Awhitu	Te Toro Road	740	Under slip	Open - Normal	Complete
South Rural	Karaka	Urquhart Road	295	Under slip	Open - Normal	Design
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	Clevedon	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	3135	Over Slip	Open - Single Lane	Investigation
South Urban	Mellons Bay	Marine Pde (Cockle Bay)	392	Under slip	Open - Normal	Complete
West	Titirangi	40 Otitori Bay Road	270	Under slip	Open - Normal	Complete
West	Waitakere	Bethells Road	3790 (3.6)	Under slip	Open - Normal	Complete
West	Waitakere	Bethells Road	2799	Under slip	Open - Normal	Complete
West	Waitakere	Bethells Road	9315	Under slip	Open - Normal	Complete
West	Waitakere	Bethells Road	11036	Under slip	Open - Normal	Complete
West	Waitakere	Caton Road 16	91	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	Piha	Huia Road	12500	Under slip	Open - Single Lane	Investigation
West	Titirangi	Huia Road	4072	Under slip	Open - Single Lane - Traffic Lights	Design



Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
West	Piha	Huia Road	11347	Under slip	Open - Single Lane	Design
West	Titirangi	Huia Road	13700	Under slip	Open - Normal (Footpath closure)	Design
West	Titirangi	Huia Road 81-85	916	Under Slip	Open - Single Lane	Complete
West	Piha	Karekare Road	555 (582)	Under slip	Closed	Complete
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	Waitakere	Kay Road	1090	Under slip	Closed	Design
West	Glen Eden or Oratia	Kellys Road	240	Under slip	Closed	Complete
West	Titirangi	Konini Road 157	1501	Under slip	Footpath closed	Design
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	Construction
West	Piha	Lone Kauri Road	5170	Under slip	Closed - Residents Only	Complete
West	Henderson Valley	Mountain Road	655 (No. 177)	Under slip	Closed - Residents Only	Complete
West	Henderson Valley	Mountain Road	712	Under slip	Closed - Residents Only	Complete
West	Henderson Valley	Mountain Road	899	Under slip	Closed - Residents Only	Construction
West	Henderson Valley	Mountain Road	1318/ 970	Under slip	Closed - Residents Only	Construction
West	Henderson Valley	Mountain Road	636	Under slip	Closed - Residents Only	Complete
West	Henderson Valley	Mountain Road	1387/ 1580	Under slip	Closed - Residents Only	Construction
West	Henderson Valley	Mountain Road	1468	Under slip	Closed - Residents Only	Construction
West	Henderson Valley	Mountain Road	2775	Under slip	Closed - Residents Only	Construction
West	Henderson Valley	Mountain Road	1664	Under slip	Closed - Residents Only	Construction
West	Henderson Valley	Mountain Road	1833	Under slip	Closed - Residents Only	Construction
West	Titirangi	Ngaio Road	25	Over Slip	Open - Normal (Shoulder Closure)	Design
West	Henderson Valley	Opanuku Road	1280	Under slip	Open - Normal (Shoulder Closure)	Design
West	Henderson Valley	Opanuku Road	1550	Under slip	Open - Normal (Shoulder Closure)	Design

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
West	Titirangi	Paturoa Road 15	262	Failing retaining Wall	Closed	Design
West	Titirangi	Paturoa Road 17	260	Under slip	Closed	Design
West	Titirangi	Paturoa Road 17	260	Over slip	Closed	Design
West	Piha	Piha Road	12755 (12782)	Under slip	Open	Design
West	Piha	Rayner Road	560	Under Slip	Open - Under Restrictions	Investigation
West	Massey	Red Hills Road	2150	Under slip	Open - Normal (Shoulder Closure)	Design
West	Waiatarua	Scenic Dr	6580	Under slip	Closed	Design
West	Waiatarua	Scenic Dr	6735	Under slip	Closed	Construction
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
West	Waiatarua	Scenic Dr	8250	Under slip	Closed	Complete
West	Waiatarua	Scenic Dr	850	Under slip	Open - Normal	Complete
West	Waiatarua	Scenic Drive North	1658	Under slip	Open - Normal	Complete
West	Oratia	Shaw Rd	3720	Road Surface	Open - Restrictions	Design
West	Henderson Valley	Simpson Road	1850	Bridge/structure Failure	Open - Normal	Complete
West	Waitakere	Stoney Creek Drive	775	Over Slip	Open - Normal	Investigation
West	Waitakere	Stoney Creek Drive	850	Under slip	Open - Normal	Investigation
West	Titirangi	Takahe Rd	261	Under slip	Open - Normal	Complete
West	Titirangi	Tanekaha Road 28	530	Under slip	Open - Single Lane - Traffic Lights	Investigation
West	Te Henga	Tasman View Road	65	Under slip	Open - Single Lane	Investigation
West	Waitakere	Te Henga Road	1600	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		Vineyard Road	615	Under slip	Open - Normal	Complete
West	Waitakere	Wairere Road	3427	Under slip	Open - Single Lane	Complete

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
West	Oratia	West Coast Road	5267	Under slip	Open - Normal	Design
West	Titirangi	Woodlands Park Road	1511	Under slip	Open - Single Lane	Design
West	Massey	Yelash Road	538	Under slip	Open - Normal	Complete
West	Blockhouse Bay	Taunton Road 45	119	Under slip	Open - Single Lane	Construction
West	Huia	Whatipu Road	3762	Under slip	Open - Single Lane	Construction
West	Titirangi	Huia Road 634	6384		Open - Single Lane	Design
West	Piha	Karakare Road	0.366	Overslip	Open - Single Lane	Investigation
West	Laingholm	Warner Park Ave 38		Under slip	Open - Normal	Investigation
West	Swanson	Tram Valley Rd 25	1511	Road Surface	Open - Normal	Investigation