



# Flood Recovery Status Update

**MONTHLY UPDATE ON WORK COMPLETED**

Issued by: Programme Controller | Month: January 2025

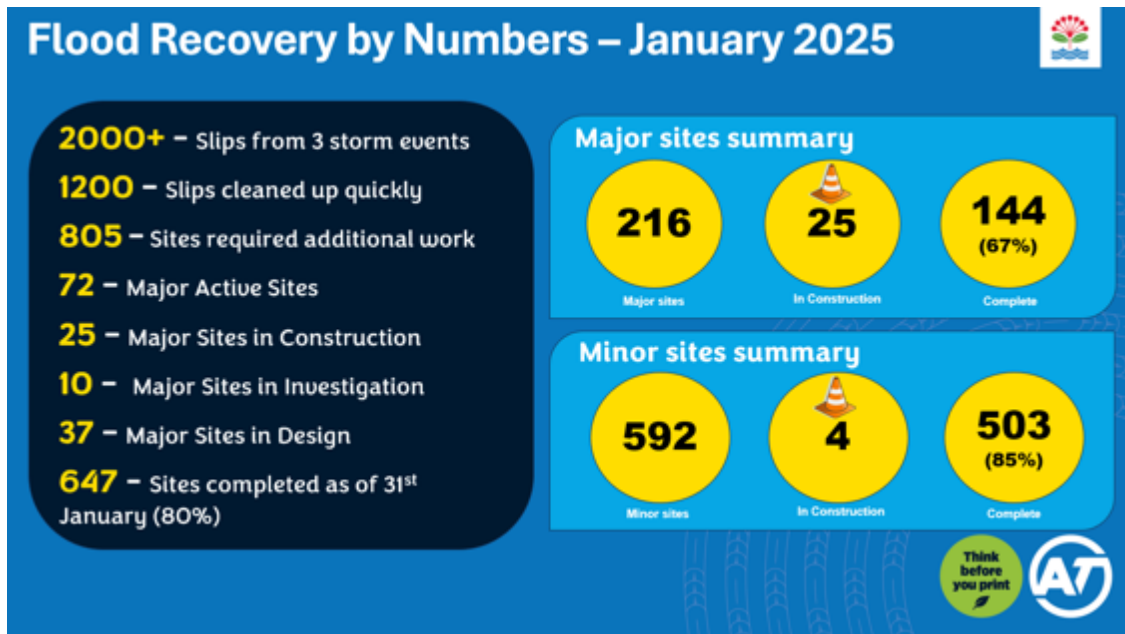
# Contents

OVERVIEW.....	3
PROJECT OVERALL STATISTICS.....	3
ROAD STATUS .....	4
MEDIA AND COMMUNICATIONS.....	4
AREA: NORTH URBAN .....	5
AREA: NORTH RURAL .....	9
AREA: SOUTH RURAL & URBAN.....	14
AREA: WEST .....	15
AREA: CENTRAL (URBAN)/ WAIHEKE & RAKINO ISLANDS/ GREAT BARRIER ISLAND.....	31
APPENDIX 1 - REGION-WIDE DETAILED SITE INFORMATION .....	32

## 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

	<b>North Rural</b>	<b>North Urban</b>	<b>West</b>	<b>South Rural</b>	<b>South Urban</b>	<b>Central/ GBI/ WI &amp; Rakino</b>
<b>Total no. of Major Projects</b>	<b>69</b>	<b>39</b>	<b>71</b>	<b>21</b>	<b>1</b>	<b>15</b>
Major Active Projects	7	13	40	5	0	7
Major Projects Completed	62	26	31	16	1	8
Projects in Investigation stage	2	0	7	1	0	0
Projects in Design stage	1	6	21	4	0	5
Projects in Construction stage	4	7	12	0	0	2
No. of projects expected to be completed by end of FY24-25	6	13	38	5	0	7
No. of projects expected to be completed by end of FY25-26	1	0	2	0	0	0

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

## ROAD STATUS

Currently there are **10** local roads with full closures in place, **10** roads open to single lane 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 the December [Flood Recovery Highlights e-news](#) shared via email, Auckland Council newsletter distribution and Auckland Transport social media.
- Produced story content for Auckland Council's special edition flood recovery newsletter to mark 2 years since the first flooding event in 2023:
  - ▶ [80% of 800+ slips on local roads repaired in Auckland](#)
  - ▶ [Auckland storm recovery 2-year update](#)
- Produced story content and video for AT social media:
  - ▶ [Auckland flood recovery 2-year update, Facebook video](#)
- Contributed to Council's 2-year mark media plan, background key messages and media release:
  - ▶ [News - Auckland over 80% through storm recovery - OurAuckland](#)
- 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):
  - ▶ [Pine Valley Road reopened after 3-month closure](#)
  - ▶ [Auckland Transport has reopened Pine... - Auckland Transport | Facebook](#)
  - ▶ [AT completes storm repairs next to North Shore beach in time for summer](#)
  - ▶ [Auckland Transport \(AT\) storm recovery summer works update](#)
  - ▶ Scenic Drive, Titirangi – Open for Christmas
  - ▶ 20 Slip Repairs under construction
- Provided Auckland Transport's Media Team with a draft media release, background information and images to support a public appeal for information relating to the theft of fencing panels. This resulted in widespread media coverage including:
  - ▶ 1News: [Brazen thieves steal \\$75k of road fences in Auckland's North Shore](#)
  - ▶ RNZ News: [\\$75,000 safety fence theft 'brazen and appalling', locals say](#)
  - ▶ RNZ Morning Report interview: [Thieves steal \\$75,000 worth of fencing on North Shore | RNZ](#)
  - ▶ NewstalkZB: [Thieves steal \\$75k worth of safety fences on Auckland's North Shore](#)
  - ▶ STUFF: [Thieves pinch \\$75k worth of Auckland Transport fencing | Stuff](#)
- Produced geo-targeted social media advertising tiles and/or posts to inform the public about:
  - ▶ Albany Heights Road work starting
  - ▶ Duck Creek Road Christmas closure and lime stabilizing works
  - ▶ Hibiscus Coast Highway Christmas closure
  - ▶ Wade River Road work starting
- 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

- John Brian Drive, Redvale

### PROJECTS IN CONSTRUCTION PHASE

SITE NAME	ESTIMATED COMPLETION DATE
Albany Heights Road, Albany Heights	February 2025
Duck Creek Road, Stillwater (2 projects)	February 2025
Hibiscus Coast Highway, Hatfields Beach	February 2025
Twin Wharf Road, Herald Island (site 3)	April 2025
Wade River Road, Whangaparaoa	April 2025

Upcoming sites include Raymond Terrace (Birkenhead), Elmore Road, Paremoremo and East Coast Road (Torbay).

### CONSTRUCTION PROGRESS UPDATE

- **ALBANY HEIGHTS ROAD:** Works started on the 7<sup>th</sup> of January and have progressed ahead of schedule. The 33-metre-long timber retaining wall is installed and the team have started on road reinstatement. The road is currently closed in this location, but with the team working so quickly, is expected to be reopened around mid-February, several weeks ahead of schedule.



- **DUCK CREEK ROAD:** Work is almost complete, with traffic management expected to be lifted on 7 February 2025. The team will return later in February or March to undertake some additional pavement repairs near (but not part of) the slip site.



- **HIBISCUS COAST HIGHWAY:** Repair work is expected to be complete here by mid-February 2025. The final paving, guardrail and fencing work is currently underway.



- **JOHN BRIAN DRIVE:** Work on the second site on John Brian Drive started on 26 November 2024 and was completed early in January 2025. Repair work included the construction of a 30m long timber retaining wall along with drainage and road pavement repairs.



- **WADE RIVER ROAD:** Work started on the 7<sup>th</sup> of January and consists of a 75m long timber retaining wall, drainage improvements and pavement repair. Because of the narrow road area, Wade River Road is closed in this area. Detours are in place, with expected completion in April 2025.



Wade River Road – Retaining Wall construction/ drainage repairs



Wade River Road – Retaining Wall construction/ drainage repairs

## **ROAD STATUS**

### **CLOSED**

- Albany Heights Road, Albany Heights
- Wade River Road, Wade Heads

### **OPEN – SINGLE LANE**

- None

### **OPEN – UNDER RESTRICTION**

- None

### **CLOSED – RESIDENTS ACCESS ONLY**

- None

## AREA: NORTH RURAL

### WORK COMPLETED IN THE LAST MONTH

- Pine Valley Road, Dairy Flat (late December)
- Smyth Road, Warkworth (late December)
- Takatu Road, Tawharanui (1 of 2 active sites) (late December)

### PROJECTS IN CONSTRUCTION PHASE

SITE NAME	ESTIMATED COMPLETION DATE
Ahuroa Road, Puhoi (7784)	February 2025
Leigh Road, Leigh	February 2025
Matakana Valley Road, Matakana	July 2025
Pinchgut Road, Kaukapapa	April 2025

Upcoming sites include Dairy Flat Road (Dairy Flat) and Red Hill Road (Red Hill) (Starting end of February 2025).

### CONSTRUCTION PROGRESS UPDATE

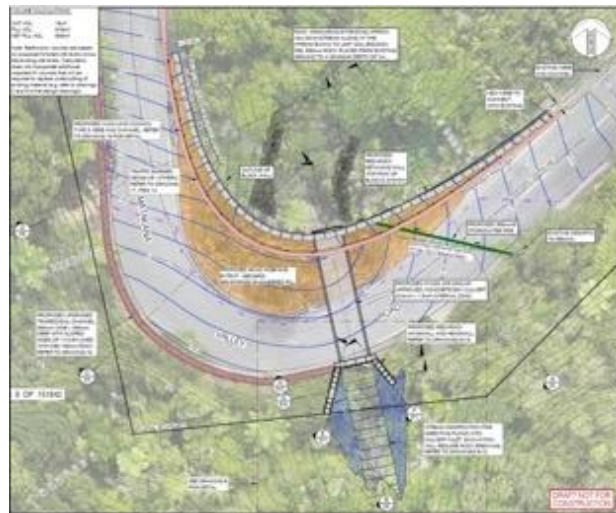
- **AHUROA ROAD:** The finishing touches are coming together for this last slip repair site on Ahuroa Road. The piles themselves are very large and there is an impressive stormwater dropper installed to manage stormwater across the road (see photo below left). Drainage work, pavement repairs and barrier installation are all expected to be complete in February 2025.



- **LEIGH ROAD:** Slip repair work on Leigh Road started on 7 October 2024 and is nearing completion. Finishing touches include steel waler beam installation (seen below), chip seal remedial work and line marking during February. In the image below left, a large drain can be seen exiting from beneath the road, with a soft tube (green in image) used to carry water away from the retained area.



- **MATAKANA VALLEY ROAD:** Slip repair work at the 10<sup>th</sup> and final site on Matakana Valley Road, known as the waterfall site, began on 20 January 2025. The team will be installing a large concrete block wall approximately 5m high to enable the road to be widened, as well as working in the flow path below the road to manage the stormwater run-off. This work is expected to take four months to complete. To date the team have created an access ramp.



- **PINCHGUT ROAD:** Slip repair work was made safe over the December and January holiday period, while details are confirmed for an additional section of work, where the road is undermined. The final touches and barrier installation will be carried out in conjunction with these additional slip repair works.



- **PINE VALLEY ROAD:** The three months slip repair work on Pine Valley Road started on 2 September and was completed on 18 December 2024. An 86-metre block retaining wall has been built on the southern side of the road and a large box culvert replacement installed to re-route stormwater beneath the road. Check out the full story online [here](#).



- **SMYTH ROAD:** Work started on 11 November 2024 and was completed in December 2024. The team constructed a new retaining wall and repaired the road surface.



- **TAKATU ROAD:** Work on two sites on Takatu Road started on 4 November 2024 and were completed in December. Monitoring is ongoing at site 6109 and a new design will be developed if required.



- **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 be working with Vector to confirm a date for their work, so that we can then start ours. At this stage, if the above goes as expected, we should be on site around April.



## **ROAD STATUS**

### **CLOSED**

- Red Hill, Te Arai

### **OPEN – SINGLE LANE**

- Ahuroa Road, Puhoi
- Leigh Road, Leigh
- 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

- Te Tero Road, Pollock

### PROJECTS IN CONSTRUCTION PHASE

SITE NAME	ESTIMATED COMPLETION DATE
None	NA

Upcoming sites include Kemp Road, Awhitu.

### CONSTRUCTION PROGRESS UPDATE

- **TE TERO ROAD:** The work included the construction of a timber retaining wall, guardrail, culvert and rock-lined side drain. All work was completed in December 2024.



### ROAD STATUS

#### CLOSED

- Manukau Heads Road, Manukau Heads

#### OPEN – SINGLE LANE

- East Coast Road, Whakatiwai

#### OPEN – UNDER RESTRICTION

- None

#### CLOSED – RESIDENTS ACCESS ONLY

- None

## AREA: WEST

### WORK COMPLETED IN THE LAST MONTH

- Karekare Road, Karekare, 2 Sites – RPO.583 and overslip at RPO.15
- Kellys Road, Oratia
- Scenic Drive, Titirangi, 1 site and 1 embankment
- Simpson Road, Henderson Valley
- Te Henga Road, Waitakere

### 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	TBC
Scenic Drive, 'Elevation' Waitatarua	TBC
Scenic Drive, Arataki, 2 sites (RP6.75 and RP6.58)	July 2025
Scenic Drive /Shaw Road	TBC
Stoney Creek Road	June 2025
Tanekaha Road, Titirangi	TBC
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 which is in the construction phase and the others are going through completion of all the design work. Following is a brief update for each of these 6 sites. We expect these sites will be programmed to start in the 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. We expect this work will be complete sometime in the week starting 10 February 2025.



*Slip located at 81 Huia Road, work underway installing piles for the retaining wall in early January 2025*

- **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 February or March 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 was completed on 9 December 2024 and the road reopened to the public. We installed a temporary retaining wall to support the machinery and site and completed the construction of the permanent wall, kerbs, drainage, handrail and new pavement. Vector reinstated the overhead power supply on December 17.



*Slip Repairs complete on Kellys Road, Oratia, 9 December 2024.*

- **KAREKARE ROAD (RPO.582): 582 METERS FROM PIHA ROAD: (K5):** Works started in September on this site on Karekare Road and were completed in December 2024. The rediblock wall, drainage, handrail, and pavement repairs were completed. An overslip in a nearby location was also started before Christmas shutdown and completed in the first week in January 2025. Reference photos below.



*Slip site RPO.582 Karekare Road, completed installation of the rediblock wall and guardrail.*

- **KAREKARE ROAD OVERSLIP:** Work was completed early January 2025 on this overslip on Karekare Road.



- **LONE KAURI ROAD, KAREKARE (RP2.5)** Work started from 15 January 2025. There is a full closure in place while work is underway. The machinery that will complete the piling for the retaining wall will be located on the road, at least 1m back from the edge of the slip. Some temporary support works may be completed on this side of the road to support the machinery. The road is not able to be opened safely as there is not enough space to provide a lane during the workday, and modifications to the lane will not be able to support safe traffic access after-hours. 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 RP 0.899:** The crew established on site on 6 January 2025 and are approximately halfway through the installation on soil nails on this site.



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

- **MOUNTAIN ROAD RP 1.318:** Soil nailing and shotcreting is completed, pavement repair works have been underway – digging out sections and filling where required. The kerb and channel has been installed and paving is scheduled for early February. Concrete and swale works will follow.



Site RP1.387 Mountain Road in January 2025

- **MOUNTAIN ROAD RP 1.387:** Soil nailing and shotcreting is completed, pavement repair works have been underway – digging out sections and filling where required. The kerb and channel has been installed and paving is scheduled for early February. Concrete and swale works will follow.



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

- **RP1.468, 1.4664 AND 1.883 MOUNTAIN ROAD:** Pavement was reinstated and completed in December on these sites. The construction is completed, with the exception of a few finishing items.



*Work on Mountain Road – image shows the pavement completed at RP1.468 site*

- **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-February 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 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. This work will be undertaken by the maintenance team.



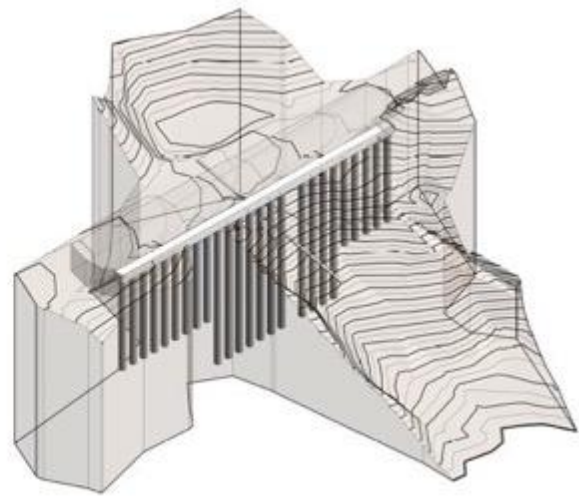
*Large Slip on the corner of Paturoa Road, previous retaining wall has failed and fallen towards the beach.*

- **RAYNER ROAD, PIHA:** Our contractor will be drilling to install inclinometers outside 47 Rayner Road on 11 and 12 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 work is underway to rebuild of the road behind the retaining wall. We expect that this section will be completed in Mid to late February.



*Scenic Drive RP6.73 site – the permanent retaining wall and works commencing behind the wall to rebuild the road.*

- **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 completion of Scenic 6. This repair will require full road closures, with access only to residents, from the West Coast Road end of the closure. As work for Scenic 6 and 8 sites require access to both ends of each slip, we are unable to work both sites concurrently.



*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 (RP0.85)** This section of road between Titirangi roundabout and Woodlands Park Road was largely completed and opened to traffic on 19 December 2025. This repair included three major underslips, and several overslips and repairs to the embankment above the road, including one major embankment repair. There are a few finishing items to be completed at this site, and this work will be programmed soon. We will need to do some of the items with a lane closure, so we will try and time this around other works in the area.



*RP0.85 Scenic Drive Titirangi – works completed, pending some finishing works. Open to traffic 19 December 2025.*

- **SIMPSON ROAD, HENDERSON VALLEY:** The slip outside 163 Simpson Road, was repaired in December 2024 and January 2025. This will include some repair works to the existing drainage and lagging, and to the pavement. The contractor will be returning to complete the final surfacing and a couple of other finishing items.



*Repair of 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 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. The community was updated, with a community meeting on site, and via letter drop. Work will resume on the 10<sup>th</sup> of February, with the new expected completion date 14 March 2005.

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. We are reviewing the final type of barrier or guard rail to be installed on this site, and we will notify the community when we will be back to install this. The road is open for traffic, the shoulder of the road is closed until the rail is installed.



*Wairere Road slip site 349 Wairere Road almost complete*

- **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.



- **WEST COAST ROAD, ORATIA** Work is programmed to start on West Coast Road in the first half of 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 prior to the start of works, as the road will need to be fully closed during works, and this will impact students attending Woodlands Park Primary School, and those who catch the school and public buses through this route.



*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
None	N/A

Upcoming sites include 5 sites on Waiheke Island and 4 on Great Barrier Island.

On Waiheke Island...

- ▶ 50 View Road (RP190)
- ▶ 72 Waiheke Road (RP800)
- ▶ 2 Goodwin Avenue (RP70)
- ▶ Wharf Road (by the boat ramp) (RP1830)
- ▶ The Esplanade Seawall (Opp 46 Moa Avenue) (RP170)

On Great Barrier Island

- ▶ Shoal Bay Road (RP2292)
- ▶ Aotea Road (RP8274)
- ▶ Aotea Road (RP8638)
- ▶ Aotea Road (RP19498)

### CONSTRUCTION PROGRESS UPDATE

- **BASSETT ROAD, REMUERA:** Slip Repair work on Bassett Road got underway on 28 October 2024 and is expected to be completed shortly. (February 2025).



### ROAD STATUS

#### CLOSED

- None

#### OPEN – SINGLE LANE – STOP/GO

- None

#### 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	Open - Normal	Complete
North Rural	Puhoi	Ahuroa Rd (Hill)-Realignment	8200-8600	Under slip - Major	Open - Normal	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	Open - Normal	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	Complete
North Rural	Kaukapakapa	Pinchgut Road	1015	Under slip - Major	Open - Single Lane	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 - 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	Riverhead	Ridge Road	1672	Under slip - Major	Open - Normal	Complete
North Rural	Dairy Flat	Pine Valley Rd	1790	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	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 - Normal	Complete
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	Snells Beach	Mahurangi East Rd	1450	Under slip - Major	Open - Normal	Complete



Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
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	Leigh	Leigh Rd	5577	Under slip - Major	Open - Single Lane	Construction
North Rural	Matakana	Matakana Valley Rd	7037	Under slip - Major	Open - Normal	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	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 - Normal	Complete
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	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	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	8290-8381	Under slip - Major	Open - Normal	Complete
North Rural	Matakana	Takatu Rd	8300	Under slip - Major	Open - Normal	Complete

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
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	Wainui	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
North Urban	Birkenhead	Hinemoa 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	Design
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	Closed	Construction
North Urban	Albany	Gills Road	591	Under slip	Open - Normal	Complete
North Urban	Rothsay Bay	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

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
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	Albany	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	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
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 - Normal	Complete
South Rural	Karaka	Urquhart Road	295	Under slip	Open - Normal	Design

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
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
South Urban	Mellons Bay	Marine Pde (Cockle Bay)	392	Under slip	Open - Normal	Complete
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
GBI	Shoal Bay	Shoal Bay Road	2292	Under slip	Open - Single Lane	Design
GBI	Tryphena	Cape Barrier Road	1522	Under slip	Open - Normal	Complete
GBI	Awana #1	Aotea Road	8274	Under slip	Open - Normal	Construction
GBI	Awana #2	Aotea Road	8638	Under slip	Open - Normal	Design
GBI	Awana #3	Aotea Road	19498	Under slip	Open - Normal	Design
GBI	Whangaparapara	Whangaparapara Road	2922	Under slip	Open - Normal	Complete
Waiheke Is	Cowes Bay	203-231 Orapiu Road	1995	Under slip	Open - Normal	Complete
Waiheke Is	Little Oneroa	40 Hekerua Road	175	Under slip	Open - Normal	Complete
Waiheke Is	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 Is		The Esplanade Seawall (opposite 46 Moa Avenue)	170	Scouring	Open - Normal	Design
West - Jayantha R	Titirangi	40 Otitori Bay Road	270	Under slip	Open - Normal	Complete
West - Mike R	Waitakere	Bethells Road	3790	Under slip	Open - Normal	Complete
West - Mike R	Waitakere	Bethells Road	2799	Under slip	Open - Normal	Complete
West - Niamh C	Waitakere	Bethells Road	9315	Under slip	Open - Normal	Complete
West - Jayantha R	Waitakere	Bethells Road	11036	Under slip	Open - Normal	Complete
West - Mike R	Waitakere	Caton Road 16	91	Under slip	Open - Normal	Complete

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
West - Sebastien P	Piha	Glenesk Road	61	Under slip	Open - Normal	Complete
West - Sebastien P	Piha	Glenesk Road	178	Under slip	Open - Normal	Complete
West - Mike R	Piha	Huia Road	12500	Under slip	Open - Single Lane	Investigation
West - Mike R	Titirangi	Huia Road	4072	Under slip	Open - Single Lane - Traffic Lights	Design
West - Mike R	Piha	Huia Road	11347	Under slip	Open - Single Lane	Design
West - Niamh C	Titirangi	Huia Road	13700	Under slip	Open - Normal	Investigation
West - Mike R	Titirangi	Huia Road 81-85	916	Under Slip	Open - Single Lane	Construction
West - Niamh C	Piha	Karekare Road	555	Under slip	Closed	Construction
West - Niamh C	Piha	Karekare Road	1260	Under slip	Closed	Complete
West - Niamh C	Piha	Karekare Road	1143	Under slip	Closed	Complete
West - Niamh C	Piha	Karekare Road	941	Under slip	Closed	Complete
West - Niamh C	Piha	Karekare Road	150	Under slip	Closed	Complete
West - Mike R	Waitakere	Kay Road	1090	Under slip	Closed	Design
West - Mike R	Glen Eden or Oratia	Kellys Road	240	Under slip	Open - Normal	Complete
West - Mike R	Titirangi	Konini Road 157	1501	Under slip	Footpath closed	Design
West - Niamh C	Piha	Lone Kauri Road	2085	Under slip	Closed - Residents Only	Complete
West - Niamh C	Piha	Lone Kauri Road	600	Under slip	Closed - Residents Only	Complete
West - Niamh C	Piha	Lone Kauri Road	2500	Under slip	Closed - Residents Only	Design
West - Niamh C	Piha	Lone Kauri Road	5170	Under slip	Closed - Residents Only	Complete
West - Mike R	Henderson Valley	Mountain Road	655 (No. 177)	Under slip	Closed - Residents Only	Complete
West - Mike R	Henderson Valley	Mountain Road	712	Under slip	Closed - Residents Only	Complete
West - Mike R	Henderson Valley	Mountain Road	899	Under slip	Closed - Residents Only	Design
West - Mike R	Henderson Valley	Mountain Road	1318	Under slip	Closed - Residents Only	Construction

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
West - Mike R	Henderson Valley	Mountain Road	636	Under slip	Closed - Residents Only	Complete
West - Mike R	Henderson Valley	Mountain Road	1387	Under slip	Closed - Residents Only	Construction
West - Mike R	Henderson Valley	Mountain Road	1468	Under slip	Closed - Residents Only	Design
West - Mike R	Henderson Valley	Mountain Road	2775	Under slip	Closed - Residents Only	Construction
West - Mike R	Henderson Valley	Mountain Road	1664	Under slip	Closed - Residents Only	Construction
West - Mike R	Henderson Valley	Mountain Road	1833	Under slip	Closed - Residents Only	Construction
West - Mike R	Titirangi	Ngaio Road	25	Over Slip	Open - Normal	Design
West - Mike R	Henderson Valley	Opanuku Road	1280	Under slip	Open - Normal	Design
West - Mike R	Henderson Valley	Opanuku Road	1550	Under slip	Open - Normal	Design
West - Sebastien P	Titirangi	Paturua Rd 15	0.224	Over slip	Closed	On Hold
West - Sebastien P	Titirangi	Paturua Road 15	262	Failing retaining Wall	Closed	Design
West - Sebastien P	Titirangi	Paturua Road 17	260	Under slip	Closed	Design
West - Sebastien P	Titirangi	Paturua Road 17	260	Over slip	Closed	Design on Hold
West - Sebastien P	Piha	Piha Road	12755	Under slip	Open	Design
West - Sebastien P	Piha	Rayner Road	560	Under Slip	Open - Under Restrictions	Investigation
West - Mike R	Massey	Red Hills Road	2150	Under slip	Open - Normal	Design
West - Mike R	Waiatarua	Scenic Dr	6580	Under slip	Closed	Design
West - Mike R	Waiatarua	Scenic Dr	6735	Under slip	Closed	Construction
West - Niamh C	Swanson	Scenic Dr	12500	Road Surface	Open - Normal	Complete
West - Niamh C	Titirangi	Scenic Dr	900	Under slip	Closed	Complete
West - Niamh C	Titirangi	Scenic Dr	750	Under slip	Closed	Complete
West - Niamh C	Waiatarua	Scenic Dr	9500	Under slip	Open - Normal	Design
West - Niamh C	Waiatarua	Scenic Dr	8250	Under slip	Closed	Complete

Area	Suburb	Road Name	Fault RP	Failure type	Road status	Stage
West - Niamh C	Waiatarua	Scenic Dr	850	Under slip	Closed	Construction
West - Niamh C	Waiatarua	Scenic Drive North	1658	Under slip	Open - Normal	Complete
West - Niamh C	Oratia	Shaw Rd	3720	Road Surface	Open - Normal	Design
West - Sebastien P	Henderson Valley	Simpson Road	1850	Bridge/structure Failure	Open - Normal	Complete
West - Mike R	Waitakere	Stoney Creek Drive	775	Over Slip	Open - Normal	Investigation
West - Mike R	Waitakere	Stoney Creek Drive	850	Under slip	Open - Normal	Investigation
West - Sebastien P	Titirangi	Takahe Rd	261	Under slip	Open - Normal	Complete
West - Mike R	Titirangi	Tanekaha Road 28	530	Under slip	Open - Single Lane - Traffic Lights	Investigation
West - Mike R	Te Henga	Tasman View Road	65	Under slip	Open - Single Lane	Investigation
West - Niamh C	Waitakere	Te Henga Road	1600	Under slip	Closed	Construction
West - Sebastien P	Titirangi	Titirangi Beach Rd	375	Under slip	Open - Normal	Complete
West - Sebastien P	Titirangi	Titirangi Beach Rd	735	Under slip	Open - Normal	Complete
West - Sebastien P	Titirangi	Titirangi Road	4246 (418)	Under slip	Open - Normal	Complete
West - Niamh C		Vineyard Road	615	Under slip	Open - Normal	Complete
West - Niamh C	Waitakere	Wairere Road	3427	Under slip	Open - Single Lane	Construction
West - Sebastien P	Oratia	West Coast Road	5267	Under slip	Open - Normal	Design
West - Sebastien P	Titirangi	Woodlands Park Road	1511	Under slip	Traffic light Priority give-away	Design
West - Sebastien P	Massey	Yelash Road	538	Under slip	Open - Normal	Complete
West - Mike R	Blockhouse Bay	Taunton Road 45	119	Under slip	Open - Single Lane	Construction
West - Mike R	Huia	Whatipu Road	3762	Under slip	Open - Single Lane	Design
West - Mike R	Titirangi	Huia Road 634	6800	Under slip	Open - Single Lane	Design