

Crown Resilience Programme

Auckland

Planned State Highway Activities for 2024-27 start

PROJECT	HAZARD TYPE
SH22 Paerata Pump Station	Flooding
SH1 Penrose to SEART Flooding	Flooding
Tank Farmculvert to Exmouth coastal resilience	Coastal inundation
SH22 Bycroft West Culvert Capacity	Flooding

Planned Local Roads Resilience Activities for 2024-27 start

PROJECT	HAZARD TYPE
Slip structure Improvements	Under/over slips
Drainage and Slip Structure Improvements-Hibiscus Coast Highway	Under/over slip and flooding
Drainage Associated Improvements	Flooding
Stormwater flood drainage improvements	Flooding

Bay of Plenty/Tairāwhiti/Hawke's Bay

Planned State Highway Activities for 2024-27 start (Bay of Plenty)

PROJECT	HAZARD TYPE
Omoko Underslip (TREC ID 10)	River erosion
SH2 Tuapiro Stream Bridge	Bridge scour
Site#143 Raukokore River East	Underslip
SH35 Pirikaraka Stream Bridge	Bridge scour

Planned State Highway Activities for 2024-27 start (Hawke's Bay)

PROJECT	HAZARD TYPE
SH2 Mohaka Hill	Underslip
Waipawa River Erosion	River erosion
Bayview Drain Culvert	Flooding
Morere Hill Dropout	Underslip
Mohaka Hill debris fence	Rockfall
Culvert No.85	Underslip
Culvert No.18	Flooding

Planned State Highway Activities for 2024-27 start (Tairāwhiti)

PROJECT	HAZARD TYPE
Resilience Improvements in addition to TREC Recovery	Other
R-Waihuka Straight	Flooding
R-Otoko Hill Descent III	Overslip
R-Farams Subsidence	Underslip
R-Makaratu Road Subsidence	Underslip

Planned Local Road Activities for 2024-27 start (Bay of Plenty)

PROJECT	HAZARD TYPE
Ground Water Mitigation Works	Flooding
Ohiwa Beach Road Resilience	Erosion
Papamoa Stream Crossing-Motu Road	Flooding
Lichenstein Road Resilience Improvements	Scour protection
Pongakawa Bush Road Resilience Improvements	Flooding
Taneatua Road Flood Resilience	Flooding
Rewatu Road Underslip	Under/overslips

Planned Local Road Activities for 2024-27 start (Hawke's Bay)

PROJECT	HAZARD TYPE
Drainage and waterway resilience improvements	Flooding
Resilience improvements	Under/overslips
River training for at risk bridges	Under/overslips
Upsizing undersized culverts	Flooding
Coastal Erosion Protection	Coastal erosion
River Erosion Protection	Under/overslips
Scour Improvements	Scour protection
Nuhaka Opoutama Road Coastal Erosion Protection Structures	Coastal erosion

Planned Local Road Activities for 2024-27 start (Tairāwhiti)

PROJECT	HAZARD TYPE
Resilience Improvements	Multiple

Canterbury

Planned State Highway Activities for 2024-27 start

PROJECT	HAZARD TYPE
Onawe Peninsula Scour	River erosion
Siberia C LHS	Rockfall
Siberia D LHS	Rockfall
Craieburn Cutting Underslip	Underslip
SH82 Station Peak Culvert upgrade	Flooding
SH82 Ikawai Area Culverts to mitigate flooding	Flooding
SH79 Woodbury Road Flooding	Flooding
SH1 Hinds Passing Lane Culvert	Flooding
Porters culvert Aggradation	Flooding
SH77 Reynolds Road and Pole Road Flooding Works	Flooding
Stream Training SH79 &SH1	Flooding
SH77 Mt Hutt Station to Blackfords Culverts	Flooding

Planned Local Road Activities for 2024-27 start

PROJECT	HAZARD TYPE
New Retaining Walls Programme	Under/overslips
Haldon Road Drainage	Flooding
MacKenzie Pass Road Ford	Flooding
Lake Pukaki Erosion	Scour protection
Cartwrights Road Resilience Upgrade- SH1 Alternative	Flooding
Lees Valley Resilience Project	Scour Protection
Parkers Bush Road Stream realignment	River Training
Coastal road protection	Coastal erosion

Manawatū/Whanganui

Planned State Highway Activities for 2024-27 start

PROJECT	HAZARD TYPE
Site 25-Mangawhero River – end of KCC LHS to Culvert No73	Rockfall
Site 9-Mangawhero River – YMCA Camp	Rockfall
Site 5 – Mangawhero River	Underslip

Planned Local Road Activities for 2024-27 start

PROJECT	HAZARD TYPE
Ruahine Road	Rockfall
Pohangina Valley East Road	Scour Protection
Taihape Napier Road 1	Under/Overslips
Brandon Hall	Scour Protection
Rangitikei culvert and drainage improvements	Flooding
Drainage Climate Change Resilience Programme	Flooding

Northland

Planned State Highway Activities for 2024-27 start

PROJECT	HAZARD TYPE
DV1 – North Slump	Underslip
#9 – DV3 Northbound Wall - Underslip	Underslip
#18 – SH16 Jordan Rd	Underslip
SH12 Opononi Slip Gravity Wall	Overslip
#6 – DV1 South Guardrial Slump	Underslip
Hill Street Culvert	Surface Flooding
Te Hana Nurseries Slip	Underslip
Brynderwyns Sediment Control	Underslip
Long Hill slip 4 Lake Rotokereru Underslip 4	Underslip
Saunders Road Underslip	Underslip

Planned Local Road Activities for 2024-27 start

PROJECT	HAZARD TYPE
West Coast Road (Kohukohu)	Coastal erosion and Underslip
Waiare Road	Under/overslips
Hupara Road	Under/overslips
Pawarenga Road	Under/overslips
Kohukohu Road	Under/overslips
Cove Road Underslip	Under/overslips
Whangarei Heads Road North- Reotahi	Under/overslips
Russel Road (Punaruku flooding stage 1)	Flooding
Pipiwai Road North	Under/overslips

Otago

Planned State Highway Activities for 2024-27 start

PROJECT	HAZARD TYPE
SH6 Lakeside subsidence sites (Wanaka, Wakatipu)	Underslip
SH83 Pukeuri to Duntroon Flooding	Flooding
SH1 Rockfall	Rockfall
SH6 Lake Waikatipu Mass Block Wall	Underslip
SH1 Waikouaiti Flood Mitigation	Flooding

Planned Local Road Activities for 2024-27 start

PROJECT	HAZARD TYPE
Minor resilience upgrades	Rockfall, flooding
Bennetts Bluff Resilience	Rockfall
Crown Range Slope Resilience	Rockfall
Shepherds Creek Hut Bridge Resilience	Flooding

Southland

Planned State Highway Activities for 2024-27 start

PROJECT	HAZARD TYPE
SH99 McCracken's Rest Culvert	Underslip
SH99 Rileys Slip	Underslip

Planned Local Road Activities for 24-27 start

PROJECT	HAZARD TYPE
Coastal and River Erosion Repairs	Coastal and river erosion

Taranaki

Planned State Highway Activities for 2024-27 start

PROJECT	HAZARD TYPE
SH45 Rahotu Culvert	Flooding
SH3 Tongaporutu Scenic Viewpoint	Underslip

Planned Local Road Activities for 2024-27 start

PROJECT	HAZARD TYPE
Waitotara Valley Road Resilience Improvements	Under/overslip
Severn Street Waitotara	Scour protection
Retaining wall improvements	Under/overslips

Top of the South

Planned State Highway Activities for 2024-27 start

PROJECT	HAZARD TYPE
SH6 O'Sullivan's to Dellow's Bluff Rockfall	Rockfall
SH6 Hope Saddle Underslip	Underslip
Fairhall Diversion Flooding	Flooding
SH63 Renwick Flooding	Flooding
SH1 Weld Pass underslips including local road detour enhancement	Underslip
SH6 Whangamoia Hill and Rai Saddle – Drainage and minor underslips	Underslip

Planned Local Road Activities for 2024-27 start

PROJECT	HAZARD TYPE
MSFAS Road Resilience Improvements SSBC	Under/overslips

Waikato

Planned State Highway Activities for 2024-27 start

PROJECT	HAZARD TYPE
Diehard Rock	Rockfall
Monitoring Site 4 – Whakatete Bay	Overslip
Monitoring Site 3	Overslip
SH29 Kaimai Summit Rockfall (Site 122)	Rockfall
Monitoring Site 6 – Multiple sites	Overslip
Site 58 Thames Coast Rockfall	Rockfall
Monitoring Site 2	Overslip
Monitoring Site 7	Coastal Erosion
Victoria Battery Underslip	Underslip
Bad Boss Culvert Underslip	Underslip
SH1 R-Waikato River Bridge Slip (#02)	River erosion
SH5 Rangitaiki River Bridge	Bridge scour
SH32 Swampy Stream Bridge	Bridge scour
River Bend Underslip 2	River erosion
Dairy Creek CMA Scour	Underslip
Hikuai Hills Erosion	Coastal erosion
Kuaotunu Beach Gabion Erosion	Coastal erosion
SH27 Patetonga embankment (Site 227)	Underslip
Mataora Rockface	Rockfall
Bee Sting Underslip - Coromandel	Underslip
SH29 Rapurapu slip 2 (site 119)	Overslip
Paraunui Slumping	Underslip
SH3 Awawino Hill – Mesh Overslip	Underslip
Waikumete Shoulder Slumping (Site #34)	Underslip
SH2 Karangahaka Gorge various Retaining Wall upgrades	Underslip
Patetonga Embankment (Site 60)	Underslip
SH26 Komata River Bridge	Bridge scour
SH1 Bulli Point (Te Poporo) Site 1	Underslip
SH1 Bulli Point (Te Poporo) Site 2	Underslip
SH46 Tongariro Culvert upgrade	Flooding

Wellington

Planned State Highway Activities for 2024-27 start

PROJECT	HAZARD TYPE
R-SH1 Plimmerton Roundabout flooding	Flooding
R-SH2 Korokoro Stream debris trap	Flooding
R-SH1 Southbound onramp, south of Westchester Drive Bridge	Overslip
R-SH2 Rockface between Te Marua & Birchville	Rockfall
R-SH2 Featherston SuperValue Area Flooding Study/Investigation	Flooding

Planned Local Road activities for 2024-27 start

PROJECT	HAZARD TYPE
Mataikona Road Resilience	Coastal erosion and Scour protection
NLTP 24-27 Grosvenor Terrace RW Strengthening (ID 16140)	Under/overslips

West Coast

Planned State Highway Activities for 2024-27

PROJECT	HAZARD TYPE
SH6 Littleman Creek – River Spurs	River erosion
Omoeroa Saddle Debris Slide	Rockfall
Bens Creek Bridge	Rockfall
SH73 Kellys Creek Bridge	Business Case, Bridge replacement
SH6 Inangahua Junction Slip	Overslip
SH6 Blackwater Point Dropout	Underslip