

# Confirmed state highway projects 2024/27

## Crown Resilience Programme

Date: October 2024

The following projects have been funded by the Crown Resilience Programme.

Region	Project	Hazard type	Funding type*	Status	
<b>Northland</b>	Te Hana Rail Bridge 1 Underslip	Underslip	Small-to-medium	Started	
	Whakapirau Road Underslip Te Hana site 2 between the two bridges	Underslip	Small-to-medium	Started	
	Schiska Road Underslip	Underslip	Small-to-medium	Started	
	Omeru Falls	Underslip	Small-to-medium	Started	
	Northland Subsidence Strategy	Underslip	Small-to-medium	Started	
	Long Hill slip 2 Lake Rotokereru Underslip 2	Underslip	LCLR	Started	
	Lookout Hill Underslip 1	Underslip	LCLR	Started	
	Lookout Hill Underslip 2	Underslip	LCLR	Started	
	<b>New Projects 2024/27</b>	Brynderwyns Sediment Control	Underslip	LCLR	Approved
	DV1 - North Slump	Underslip	LCLR	Approved	
	#9 - DV3 Northbound Wall- Underslip	Underslip	LCLR	Approved	
	#18 - SH16 Jordan Rd	Underslip	LCLR	Approved	
	Te Hana Nurseries Slip	Underslip	LCLR	Approved	
	#6 - DV1 South Guardrail Slump	Underslip	LCLR	Approved	
	SH12 Opononi Slip Gravity Wall	Overslip	LCLR	Approved	
	Hill Street Culvert	Surface Flooding	LCLR	Approved	
	Long Hill Slip 4 Lake Rotokereru Underslip 4	Underslip	LCLR	Approved	
Saunders Road Underslip	Underslip	LCLR	Approved		
<b>Auckland</b>	SH1 Hillcrest Creek Flooding	Flooding	LCLR	Completed	
	Green based solutions trial at state highway slip locations	Overslip	Small-to-medium	Started	
	SH1 Soakage Khyber Pass/Gillies Ave	Flooding	Small-to-medium	Started	
	SH18 Offramp Slip Stabilisation	Underslip	LCLR	Started	
	SH1 Whangamarino Slip	Overslip	LCLR	Started	
	Detour Routes	Detour route vulnerability	LCLR	Started	
	<b>New Projects 2024/27</b>	SH22 Rapid Flood Hazard Mapping	Flooding	LCLR	Started
	Tank Farm culvert to Exmouth coastal resilience	Coastal Inundation	Small-to-medium	Approved	
	SH1 Penrose to SEART Flooding	Flooding	Small-to-medium	Approved	
	SH22 Paerata Pump Station	Flooding	Small-to-medium	Approved	
	SH22 Bycroft West Culvert Capacity	Flooding	Small-to-medium	Approved	
	Underslip 002 / 294 / 8.440	Underslip	LCLR	Approved	

<b>Bay of Plenty</b>	SH35 Hawai River Bridge	Bridge scour	LCLR	Approved	
	Rock scaling at various locations - Waioeka gorge	Rockfall	LCLR	Approved	
	SH29A Maungatapu Bridge	Seismic vulnerability	LCLR	Started	
	SH2 Te Mania Stream Bridge	Bridge scour	LCLR	Approved	
	Ruahihi Bluff	Rockfall	LCLR	Started	
	SH2 Waioeka River Groynes	River erosion	LCLR	Started	
	Overslip SH 035 / 079 / 8.92	Overslip	LCLR	Approved	
	SH5 Wharepapa Stream Bridge	Bridge scour	LCLR	Started	
	Omoko Underslip	River Erosion	LCLR	Approved	
	SH2 Tuapiro Stream Bridge	Bridge Scour	LCLR	Approved	
<b>New Projects 2024/27</b>	Site#143 Raukokore River East	Underslip	LCLR	Approved	
	SH35 Pirikaraka Stream Bridge	Bridge Scour	LCLR	Approved	
	<b>Waikato</b>	SH3 Te Kuiti Slip (SH3-0076/7.066-7.232)	Overslip	LCLR	Started
		SH31 Puti Bluffs East Coastal Erosion	Coastal erosion	LCLR	Started
		SH41 Waihi Hill Hipaua Steaming Cliffs Slip	Underslip	LCLR	Started
		SH23 Raglan Divvy - Drainage (SH23-0015/5.950-6.060)	Flooding	LCLR	Started
		SH1B Mangatoketoke Stream Bridge	Bridge scour	LCLR	Started
		SH25 Ramarama Stream Bridge	Bridge scour	LCLR	Started
		SH5 Mihi Stream Bridge	Bridge scour	LCLR	Approved
		SH41 R-Waihi Hill 2 Scour (# 33)	River erosion	LCLR	Cancelled
SH41 R-Waihi Hill Scour (# 32) (60050801)		Underslip	LCLR	Started	
SH32 Swampy Stream Bridge		Bridge Scour	LCLR	Approved	
<b>New Projects 2024/27</b>	SH5 Rangitaiki River Bridge	Bridge Scour	LCLR	Approved	
	SH1 R-Waikato River Bridge Slip (# 02)	River Erosion	LCLR	Approved	
	SH1 Bulli Point (Te Poporo) Site 1	Underslip	Small-to-medium	Approved	
	SH1 Bulli Point (Te Poporo) Site 2	Underslip	Small-to-medium	Approved	
	SH46 Tongariro Culvert upgrade	Flooding	LCLR	Approved	
	Paraunui Slumping	Underslip	Small-to-medium	Approved	
	SH29 Rapurapu slip 2 (site 119)	Overslip	LCLR	Approved	
	Diehard Rock	Rockfall	LCLR	Approved	
	Monitoring Site 4 - Whakatete Bay	Overslip	LCLR	Approved	
	Monitoring Site 3	Overslip	LCLR	Approved	
SH29 Kaimai Summit rockfall (Site 122)	Rockfall	LCLR	Approved		
Bee Sting Underslip - Coromandel	Underslip	LCLR	Approved		
Mataora Rockface	Rockfall	LCLR	Approved		
Hikuai Hills Erosion	Coastal Erosion	LCLR	Approved		
Kuaotunu Beach Gabion Erosion	Coastal Erosion	LCLR	Approved		
Monitoring Site 6 - Multiple sites	Overslip	Small-to-medium	Approved		
Site 58 Thames Coast Rockfall	Rockfall	LCLR	Approved		
Monitoring Site 2	Overslip	LCLR	Approved		
River Bend Underslip 2	River Erosion	LCLR	Approved		
Monitoring Site 7	Coastal Erosion	LCLR	Approved		
SH27 Patetonga Drain slip (Site159)	Underslip	LCLR	Approved		
Victoria Battery Underslip	Underslip	LCLR	Approved		
Bad Boss Culvert Underslip	Underslip	LCLR	Approved		

	Dairy Creek CMA Scour	Underslip	LCLR	Approved
	Waikumete Shoulder Slumping (Site #34)	Underslip	LCLR	Approved
	SH2 Karangahake Gorge various Retaining Wall upgrades	Underslip	LCLR	Approved
	Patetonga Embankment (Site 60)	Underslip	LCLR	Approved
	SH26 Komata River Bridge	Bridge Scour	LCLR	Approved
	SH3 Awawino Hill - Mesh Overslip	Underslip	LCLR	Approved
<b>Tairāwhiti New Projects 2024/27</b>	R-Waihuka Straight	Flooding	Small-to-medium	Approved
	State Highway 35 and State Highway 2 resilience works.	Various	Small-to-medium	Approved
	R-Otoko Hill Descent III	Overslip	LCLR	Approved
	R-Farams Subsidence	Underslip	Small-to-medium	Approved
	R-Makaratu Road Subsidence	Underslip	LCLR	Approved
<b>Hawkes Bay New Projects 2024/27</b>	SH2 Mohaka Hill	Underslip	LCLR	Approved
	Waipawa River Erosion	River Erosion	LCLR	Approved
	Bayview Drain Culvert	Flooding	LCLR	Approved
	Morere Hill Dropout	Underslip	LCLR	Approved
	Mohaka Hill debris fence	Rockfall	LCLR	Approved
	Culvert No.85	Underslip	LCLR	Approved
	Culvert No 18	Underslip	LCLR	Approved
<b>Taranaki New Projects 2024/27</b>	SH4 Waterfall Hill	Underslip	LCLR	Started
	Rapanui Retaining Wall	Underslip	LCLR	Started
	SH3 Mahoenui Hill Retaining Wall	Underslip	LCLR	Cancelled
	SH45 Rahotu Culvert	Flooding	LCLR	Approved
	SH3 Tongaporutu Scenic Viewpoint	Underslip	LCLR	Approved
<b>Manawatū/ Whanganui New Projects 2024/27</b>	SH4 Putiki Culvert	Flooding	LCLR	Started
	SH54 Tapuae Road Underslip	Underslip	LCLR	Started
	Site 15-Mangawhero River opp. Raupiu	Overslip	LCLR	Approved
	Site 26-Mangawhero River – Culvert no 73 to passing lane	Rockfall	LCLR	Started
	Site 25-Mangawhero River – end of KCC LHS to Culvert No 73	Rockfall	LCLR	Approved
	Site 9-Mangawhero River – YMCA Camp	Rockfall	LCLR	Approved
	Site 5-Mangawhero River	Underslip	LCLR	Approved
<b>Wellington New Projects 2024/27</b>	SH1 Tawa to Johnsonville Surface Flooding & Slips pavement failure - corridor study	Various	Small-to-medium	Approved
	R-SH59 Three Sisters rock face rockfall	Rockfall	LCLR	Started
	R-SH2 Remutaka Hill westbound (several sites) UAV survey	Rockfall	LCLR	Started
	R-SH1 Landslip below 16 Japonica Grove reprofile	Overslip	LCLR	Started
	R-SH2 Korokoro Stream debris trap	Flooding	LCLR	Approved
	R-SH1 Plimmerton Roundabout flooding	Flooding	LCLR	Approved
	R-SH1 Southbound onramp, south of Westchester Drive Bridge -	Overslip	LCLR	Approved
	R-SH2 Rockface between Te Marua & Birchville Park	Rockfall	LCLR	Approved
	R-SH2 Featherston SuperValue Area Flooding Study/Investigation	Flooding	LCLR	Approved
<b>Top of South</b>	SH60 Birds Hill Overslip	Overslip	Small-to-medium	Started
	Salt Lake - Investigation only	Flooding	Small-to-medium	Approved
	Tuamarina to Picton - Investigation only	Flooding	Small-to-medium	Approved

<b>New Projects 2024/27</b>	SH63 Windy Point and Narrows Rockfall	Rockfall	LCLR	Started
	SH65 Higgins Rockfall	Rockfall	LCLR	Started
	Weld Pass long term detour route improvements study	Various	Small-to-medium	Approved
	SH1 Delegat Flooding at Dashwood	Flooding	LCLR	Started
	SH63 The Wash Flooding	Flooding	LCLR	Started
	SH1 at Picton Elevation Underslip	Underslip	LCLR	Started
	SH6 Rai Saddle - Drainage and minor underslips	Underslip	LCLR	Started
	SH6 Canvastown Flooding at Racecourse Bridge	Flooding	LCLR	Started
	SH6 Kawatiri to Owen River Erosion	River erosion	LCLR	Started
	SH1 Weld Pass underslips incl local road detour enhancement	Underslip	Small-to-medium	Approved
	SH63 Renwick Flooding	Flooding	LCLR	Approved
	Fairhall Diversion Flooding	Flooding	LCLR	Approved
	SH6 O'Sullivan's to Dellow's Bluff Rockfall	Rockfall	Small-to-medium	Approved
	SH6 Hope Saddle Underslip	Underslip	LCLR	Approved
	SH6 Whangamoia Hill and Rai Saddle - Drainage and minor underslips	Underslip	Small-to-medium	Approved
<b>West Coast</b>	SH6 Gates of Haast River Erosion	River erosion	Small-to-medium	Started
	SH6 Wanganui River Protection	River erosion	LCLR	Started
	SH6 Whataroa River Protection	River erosion	LCLR	Started
	SH73 Rock Shelter DSA and Strengthening	Overslip	LCLR	Started
	SH73 Otira River Bridge Abutment Protection	Bridge scour	LCLR	Completed (Another Funding Method)
	SH6 Buller Gorge Rock Scaling	Rockfall	LCLR	Started
	SH6 Douglas Culvert No.2 Replacement	Flooding	LCLR	Started
	Cascade Corner	Rockfall	LCLR	Started
	Cobden Hill West	Rockfall	LCLR	Started
	Depot Creek	Rockfall	LCLR	Started
	Ormon Falls	Rockfall	LCLR	Started
	East of McGraths Corner	Rockfall	LCLR	Started
	McGraths Corner	Rockfall	LCLR	Started
	Whites Bridge West Approach	Rockfall	LCLR	Started
	Rocky Point	Rockfall	LCLR	Started
	SH73 Candys Bend Scouring	River erosion	Small-to-medium	Started
	SH6 Meybillie Bay Slip	Overslip	Small-to-medium	Started
	SH6 Epitaph Slip - Remote Monitoring	Underslip	LCLR	Started
	SH73 Kellys Creek Bridge Replacement	Bridge Replacement	Small-to-medium	Started
	<b>New Projects 2024/27</b>	Bens Creek Bridge	Rockfall	Small-to-medium
Omoeroa Saddle Debris Slide		Rockfall	LCLR	Approved
SH6 Littleman Creek - River Spurs		River Erosion	LCLR	Approved
SH73 Kellys Creek Bridge		Business Case	LCLR	Approved
SH6 Inangahua Junction Slip		Overslip	LCLR	Approved
SH6 Blackwater Point Dropout		Underslip	LCLR	Approved
<b>Canterbury</b>		Gln wye Scour	River erosion	LCLR
	Porters Pass (C)	Rockfall	LCLR	Completed
	Porters Pass (D)	Rockfall	LCLR	Completed
	West of Paddys (C)	Rockfall	LCLR	Completed

	South of Māori Creek	Rockfall	LCLR	Started	
	South of T12 (Formerly SR20)	Rockfall	LCLR	Completed	
	North of Wairere Stream T10 to T11 (Formerly SR27a1)	Rockfall	LCLR	Completed	
	Bankside flooding	Flooding	Small-to-medium	Cancelled	
	Greta Valley Erosion	River erosion	LCLR	Completed	
	Roidons Culvert Underslip	Underslip	LCLR	Completed	
	SH8 Aires Culverts upgrades	Flooding	LCLR	Started	
	SH77 Rakaia Gorge Rock fence extension and slip	Rockfall	LCLR	Started	
	SH1 South Hook/Molloys/St Andrews box culvert replacements	Flooding	LCLR	Started	
<b>New Projects 2024/27</b>	Craigeburn Cutting Underslip	Underslip	LCLR	Approved	
	Siberia D LHS	Rockfall	LCLR	Approved	
	Siberia C LHS	Rockfall	LCLR	Approved	
	Onawe Peninsula Scour	River Erosion	LCLR	Approved	
	Porters culvert Aggregation	Flooding	LCLR	Approved	
	SH1 Hinds Passing Lane Culvert	Flooding	LCLR	Approved	
	SH79, Woodbury Road Flooding	Flooding	LCLR	Approved	
	SH82 Ikawai Area Culverts to mitigate flooding	Flooding	LCLR	Approved	
	SH82 Station Peak Culvert upgrade	Flooding	LCLR	Approved	
	SH77 Reynolds Road and Pole Road Flooding Works	Flooding	LCLR	Approved	
	Stream Training SH79 & SH1	Flooding	LCLR	Approved	
	Sh77 Mt Hutt Station to Blackfords Culverts	Flooding	LCLR	Approved	
	<b>Otago</b>	SH94 Shooting Rail (Milford Road)	Underslip	LCLR	Approved
		SH8 Ash McGregors	Underslip	LCLR	Started
		SH6 Scrubby Corner	Underslip	LCLR	Started
		SH6 Nevis monitoring and maintenance plan	Rockfall	LCLR	Started
		SH8 Cromwell Gorge Slopes and Benches	Rockfall	LCLR	Started
Coastal Otago Rock Scaling Programme		Rockfall	LCLR	Completed	
<b>New Projects 2024/27</b>		SH6 Lakeside subsidence sites SH6 (Wanaka Wakatipu)	Underslip	LCLR	Approved
		SH1 Waikouaiti Flood Mitigation	Flooding	LCLR	Approved
		SH83 Pukeuri to Duntroon Flooding	Flooding	LCLR	Approved
		SH1 Rockfall	Rockfall	Small-to-medium	Approved
SH6 Lake Wakatipu Mass Block Wall	Underslip	LCLR	Approved		
<b>Southland</b>	SH1 Ocean Beach, Bluff	Coastal inundation / sea level rise	Small-to-medium	Started	
<b>New Projects 2024/27</b>	SH99 McCracken's Rest Culvert		LCLR	Started	
	SH99 Rileys Slip		LCLR	Started	

\*Low-Cost Low Risk (LCLR): small projects typically under \$2 million

\*Small-to-medium: more complex projects over \$2 million