

# CASE STUDY

## REMUTAKA HILL SLOPE STABILISATION

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## INTRODUCTION

The SH2 Remutaka Hill slope stabilization project, carried out between June and August 2024, was commissioned by the client under the Wellington Transport Alliance, with WSP serving as the consultant. Abseil Access was responsible for delivering an anchored mesh system to secure a high-risk slip site and improve long-term road safety along this key transport corridor.

## PROCESS

The team began by performing rock scaling and debris removal, clearing approximately 90m<sup>3</sup> of loose material with the aid of a temporary mesh drape and a catch-fence positioned at road level. This was followed by trial anchor installations and pull-out testing to confirm design performance. Once verified, rock anchors were installed to support the active anchored mesh drapery system, ensuring long-term slope reinforcement. The project also included native vegetation replanting to promote environmental recovery and slope stability.

## OUTCOME

The completed works significantly improved the resilience of SH2 Remutaka Hill Road, addressing a long-standing slip hazard. Through well-planned safety controls, the project was executed with minimal disruption to road users and enabled the safe removal of a temporary safety barrier that had been in place for several years.

