



Sustainable, climate resilient access for the long term

Transportation Group Conference 2026



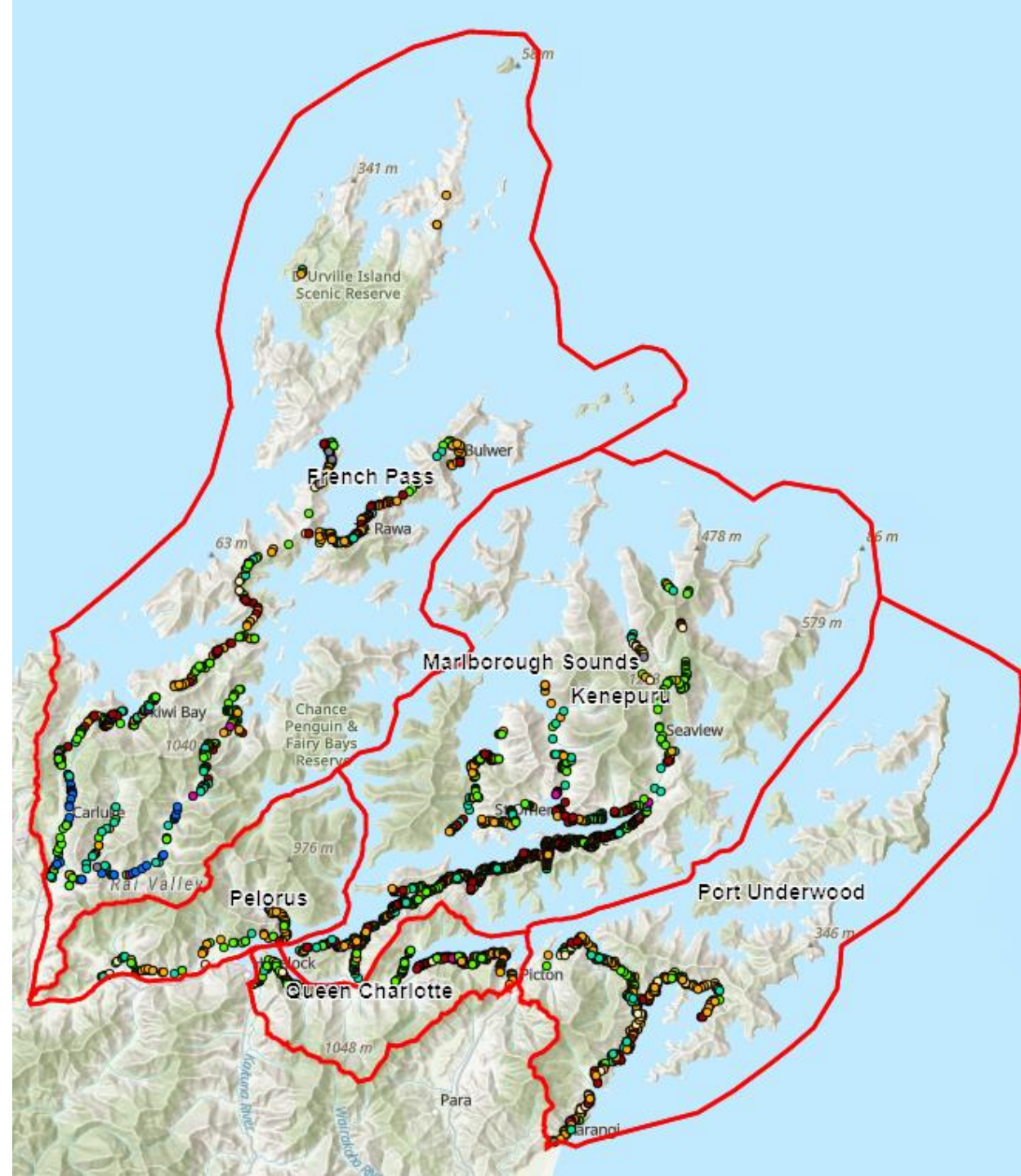
Agenda

- 3 x Case Studies
 - Problem
 - Planning response
 - Implementation
- Common themes and conclusions



Marlborough Sounds: Problem

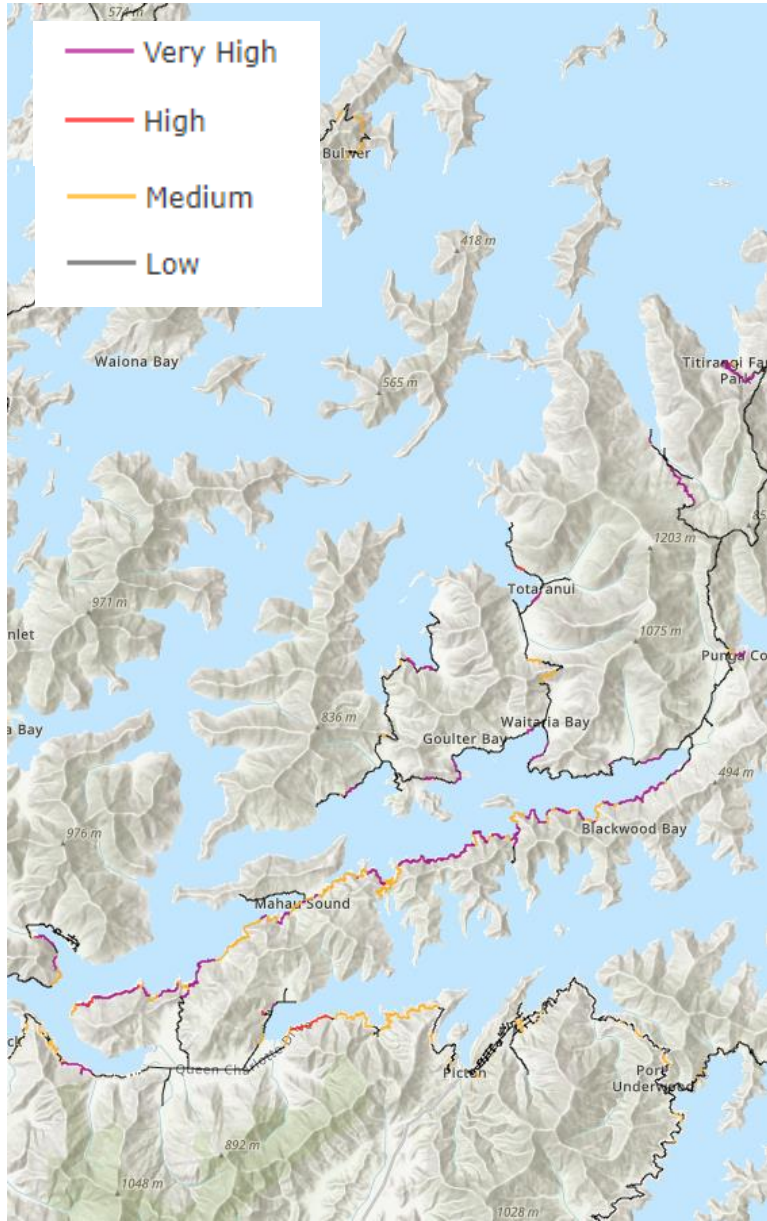
- Four high intensity rain events in 13 months
 - ~3,650 faults recorded across 500 km of road
 - Roads closed for months
- Limited funding
- Community pressure to “just fix it”



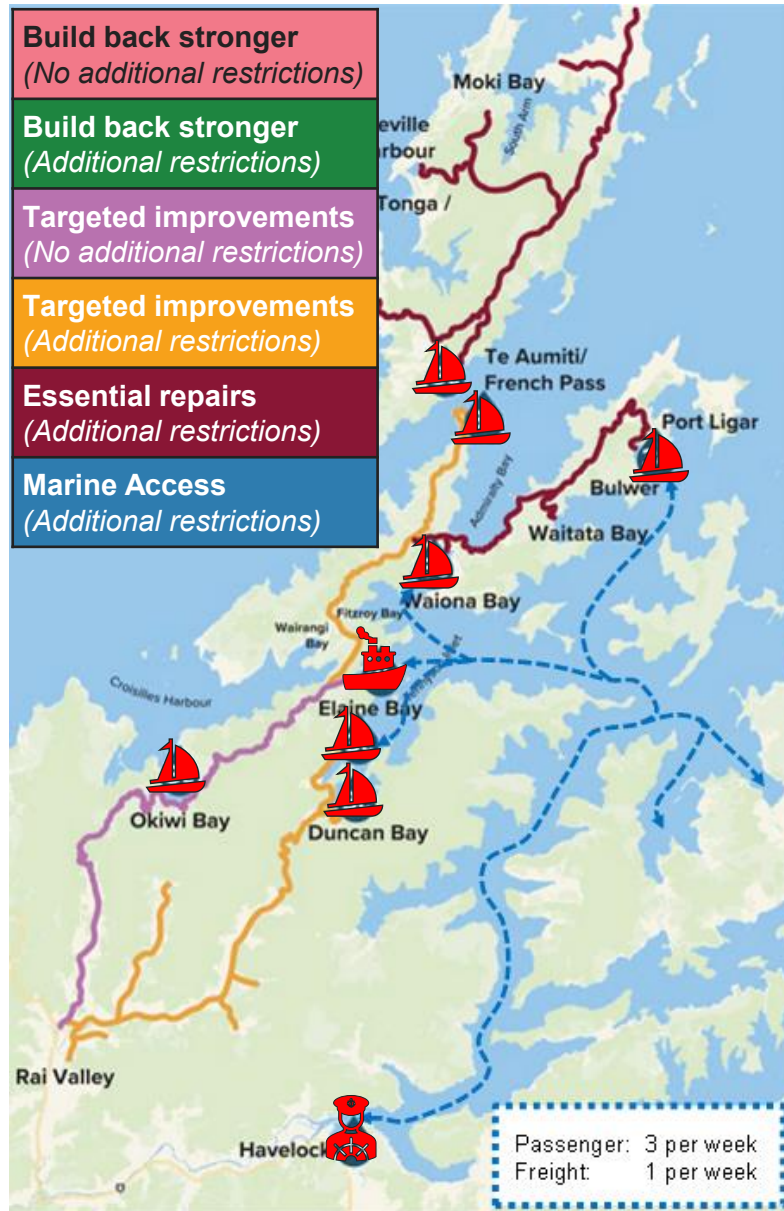


Marlborough Sounds: Planning Response

Desktop hazard assessment



Overarching route strategies



Significant community consultation





Marlborough Sounds: Implementation

- Corridor strategies guiding investment
- Local level of service guidance
- Discussions on funding options including targeted rates and future funding uncertainties
- Ongoing communication with communities

Marlborough Roads Recovery Team

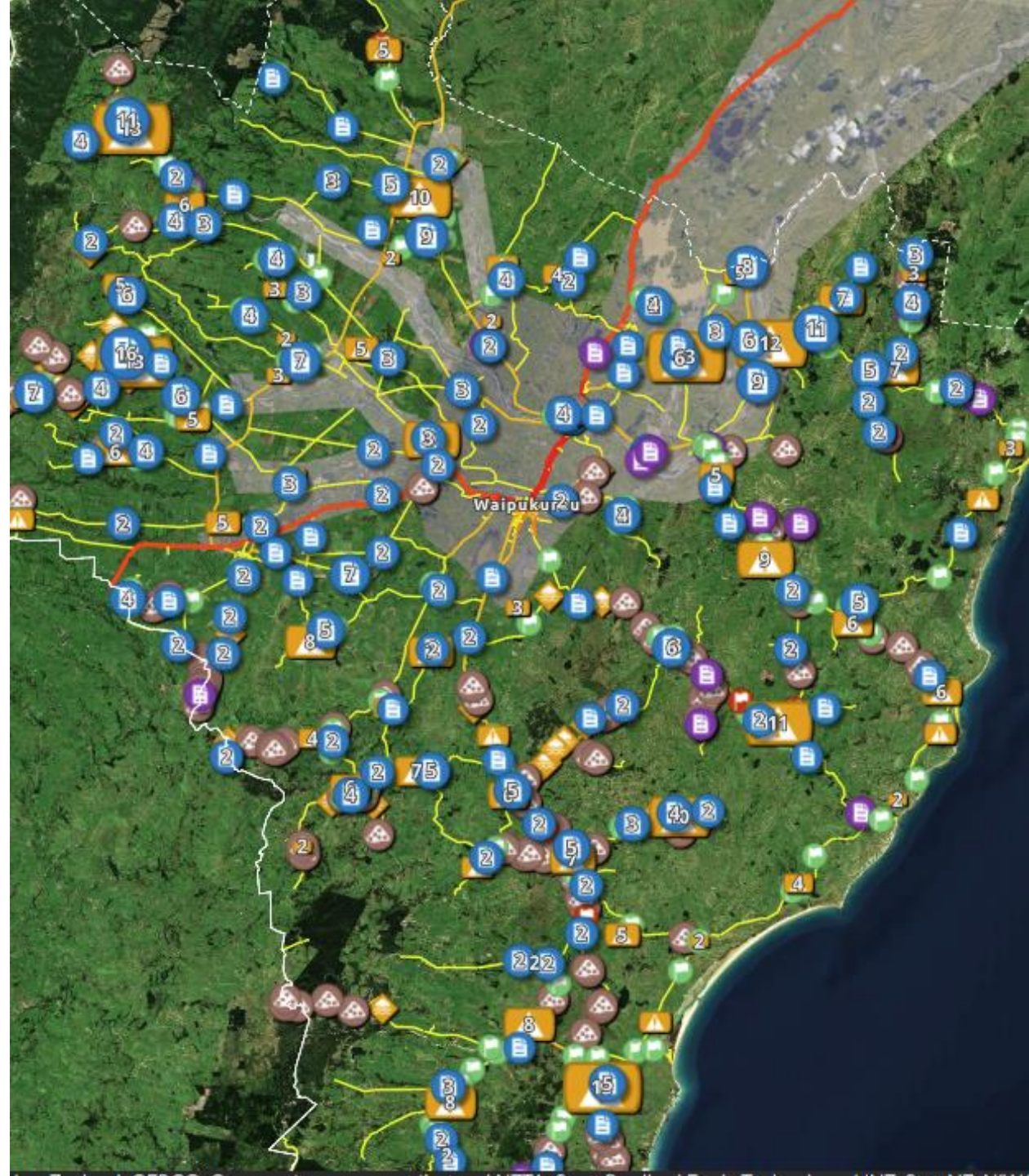
Level of Service Guidelines





Central Hawke's Bay: Problem

- Wet winter in 2022 and Cyclone Gabrielle
 - +4,000 faults over 1,265 km road
 - 72 road closures due to large slips, washouts and damaged/destroyed bridges



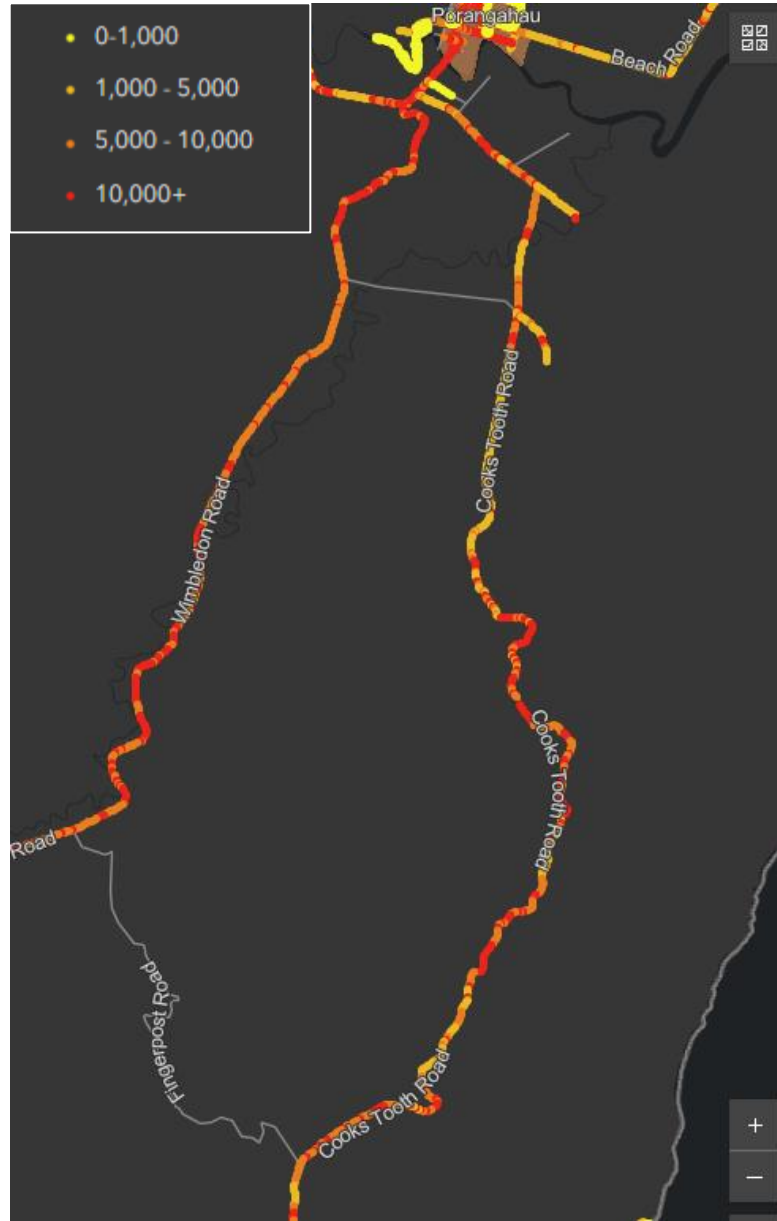


Central Hawkes Bay Planning Response

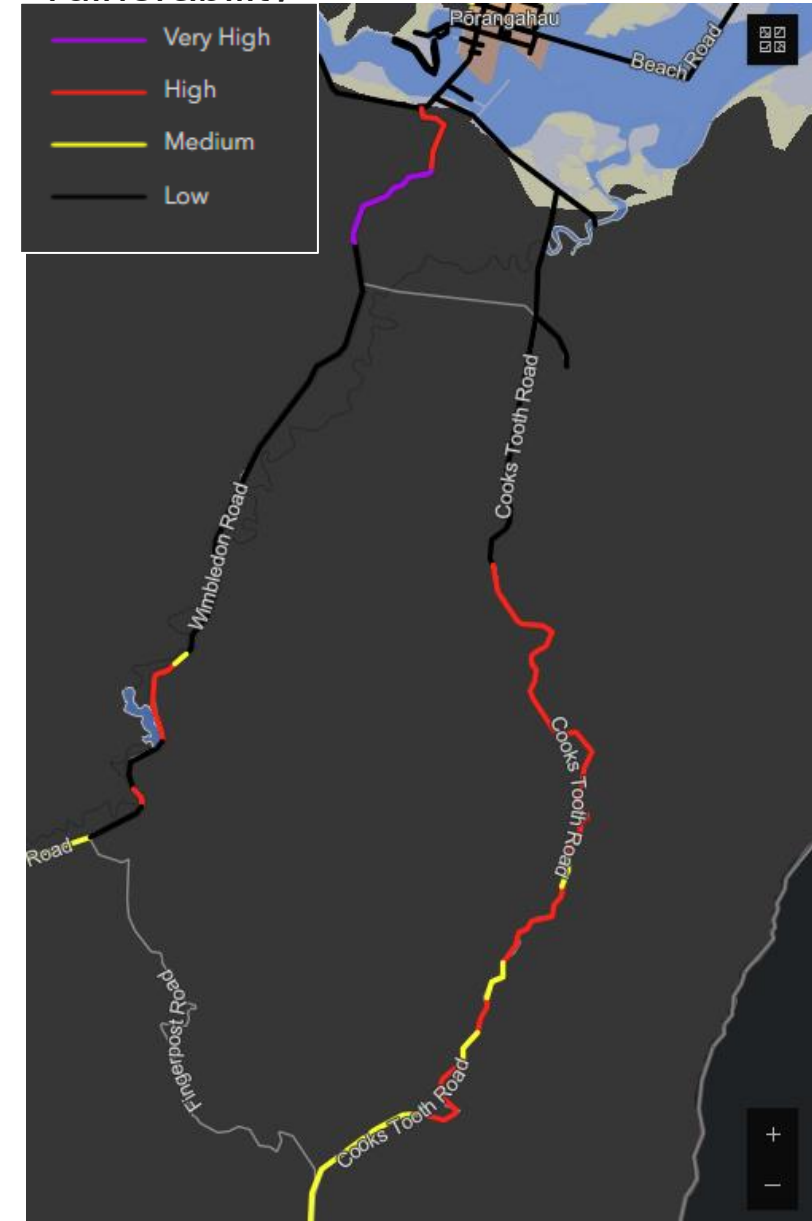
Economic flow



Annualised Whole of life cost/ km



Road geological and flood vulnerability





Central Hawke's Bay: Implementation

- Challenges are similar to other networks
- Council considering opening conversation with Community about more fit for purpose levels of service once more analysis is done through this LTP cycle





Gisborne: Problem

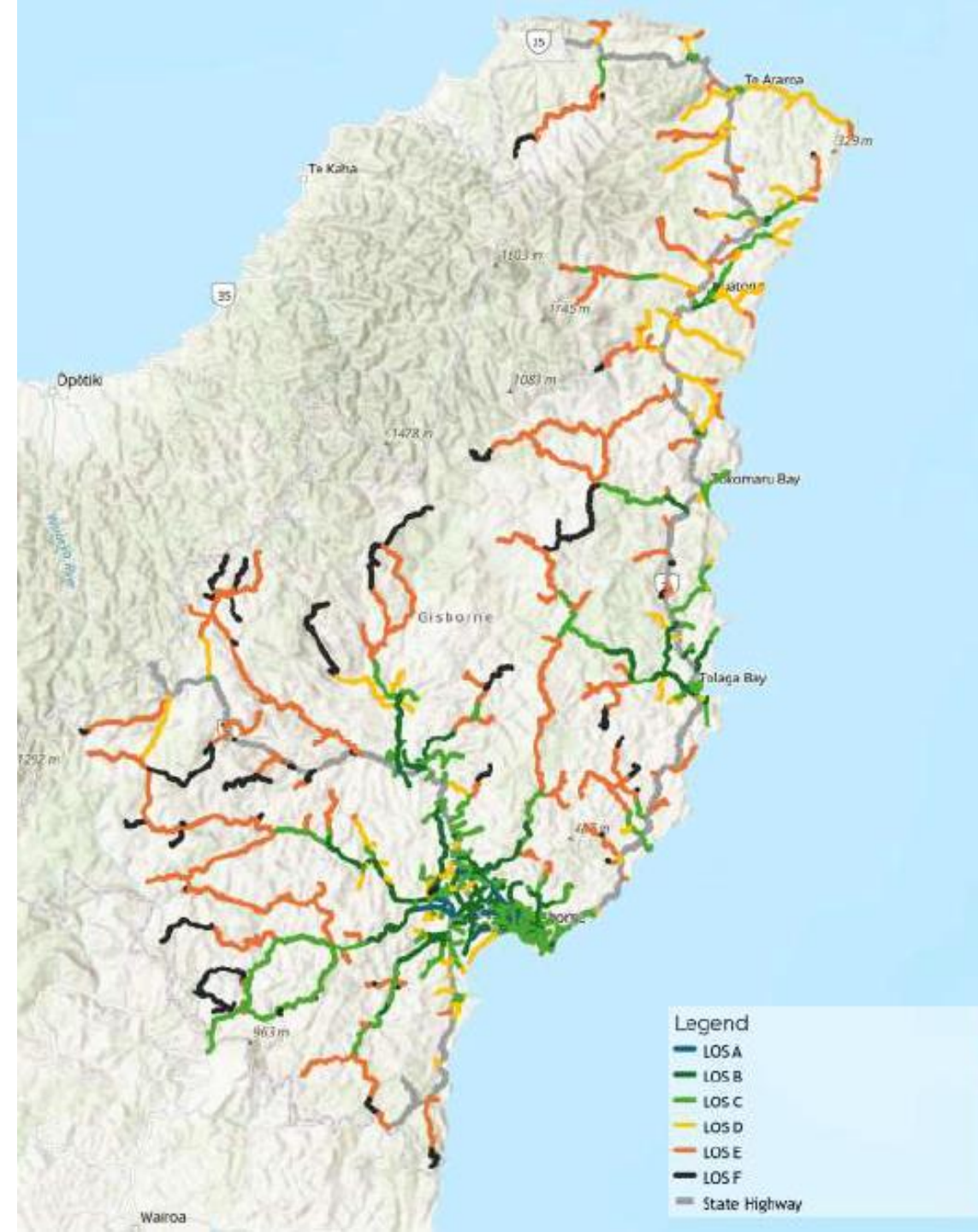
- Nine significant weather events in three years
- More network than available funding
- Heavier trucks cause more wear and tear





Gisborne Planning Response

- Strategic Roding Network Resilience PBC (GDC and WSP)
 - “road map for hard but necessary choices”
- Land Use Transition (GDC)





Gisborne: Implementation

- Council has agreed to the principles outlined in the Strategic Roding Network Resilience PBC
- The next step is engaging with the Community before changes are made on the network





Common themes

- Land use planning
- Asset Management
- Fit for purpose

Community conversations

	Marlborough (2021-2023)	Central Hawke’s Bay (2023-present)	Gisborne (2023-present)
Problem	<ul style="list-style-type: none"> • 4 x weather events in 13 months • Limited funding • Community pressure to “just fix it” 	<ul style="list-style-type: none"> • Cyclone Gabrielle • Increasing maintenance costs 	<ul style="list-style-type: none"> • Cyclone Gabrielle (and others) • Current network more than can afford
Response	<p>MSFAS PBC</p> <ul style="list-style-type: none"> Hazard assessment Route strategy optioneering and LOS trade offs Community consultation 	<ul style="list-style-type: none"> Resilience funding for drainage improvements LOS strategies 	<p>SRNR PBC</p> <ul style="list-style-type: none"> Changes to LOS Network rationalisation Land Use Transition
Implementation	<ul style="list-style-type: none"> Corridor strategies LOS guidance Targeted rates conversations Marine transport (future) 	<ul style="list-style-type: none"> AMP to implement LOS strategies Conversations around network cost and LOS 	<ul style="list-style-type: none"> AMP to implement SRNR PBC Community consultation on SRNR PBC shortly



Pātai/ Questions?



Working together

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