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Motivating sensible unsealed road maintenance practices - A Client perspective
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The Wairoa road network

• 630 km unsealed road- ADT up to 300

• 230 km sealed roads- ADT up to 2500

• Av 45,000 m³ per annum metal applied
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Wairoa District Roads - service delivery progression

Roading budget → Inputs

Competitive pricing → Outputs

Rationalisation → Outcomes
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What we HAD

• Separation with the network

• Consumptive practices

• Non-Ownership culture
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Rationalisation - Concepts

• Take responsibility for the environment we create

• Understand the motivators we have in place as well as the law of unintended consequences

• Create drivers to achieve the desired outcomes
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WDC Rationalisation-Basic workings

• 4 Area contracts to 1 network contract

• Transition to outcome based network contract

• A sealed road repair contract
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Rationalisation - How we did it

One Network (Transition) contract

- 50/50 price/attributes-lower bound threshold.
- Contract term 2+1 +3

- Sealed road repair
- LPC
- 2 Interventions per year
- Tasked by WDC
Network Transition Contract (2 years)

- Transition to an outcome basis of payment
- Contractors manage interventions and budget
- Client rates Network condition monthly
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Network Condition scoring of outcomes (every km)

- Surface condition
- Pavement defects
- Drainage etc

1- Out of spec  5- Seriously out of spec  10- dangerous

Multipliers

Total Score determines % claim paid
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Network outcome Contract

Empowers contractors to:
• own the asset and the budget
• link grading, metal application and surface condition
• transfer the ownership culture right down the supply chain

Requires Client to
• Manage an outcome monitoring system
• Hold the line with stakeholders
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Best Practice

- Weekly AM meetings
- Contractors need to engage with road users
- Grading culture - length of transition, shape, beats
- Condition repair - rollers, metal waste
- Narrative accompanying claim
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Transition questions

• Is this value for money?

• If this was my money, would I have spent it?
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Success measures

KRA

- Condition of asset- scoring system
- Value of Asset-consumption?
- Cost of service- benchmark