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Delivering projects in an effective and cost-efficient manner
Why technology is so important?

• Necessary for Business and personal use
• Quickest way to share & obtain information
• Assists with developing new innovations
Upgrading projects

Why upgrade the existing assets?

- Increasing user demand requires more resources
- New technologies
- Competing with others
- Backup resources
Consequences of projects
Innovations – to introduce something new...
Use of the trenchless technology

- Minor excavations required on the surface
- Possible disruptions to road users
The NZTA/AMA approach

- Early planning and discussions
- Whole-of-life approach
- Coordinating works with other parties
The AMA innovations – Electronic inspections
The AMA Innovations - Crossover gate to remove a long detour

Nikau Crossover Gate
Crossover gate to remove a long detour

Estimated Results:

- Savings to the customer, both in travel time and running costs
- Savings for each visit: Closure advertising $20000, Detour implementation $35000, Total: $55000
- Cost to install Crossover gate: $75000
Solution for delivering projects in an effective and cost-efficient manner

- Technology
- Innovations
- Smart-thinking
Questions?