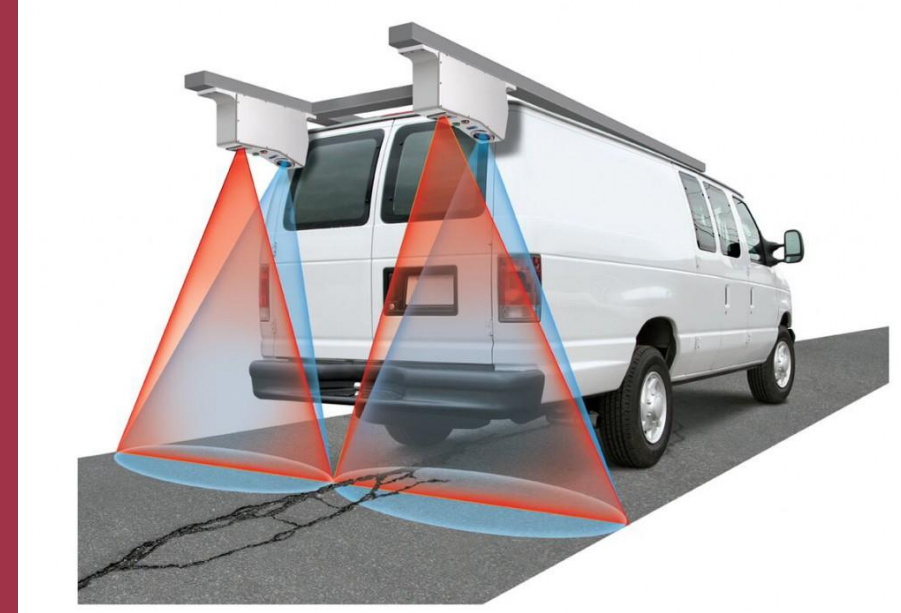


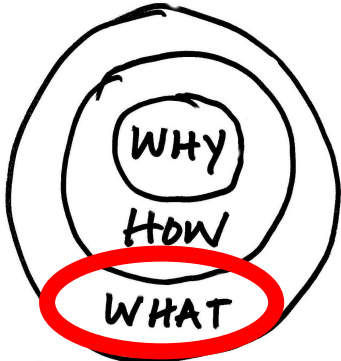
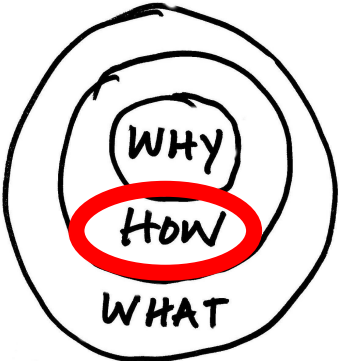
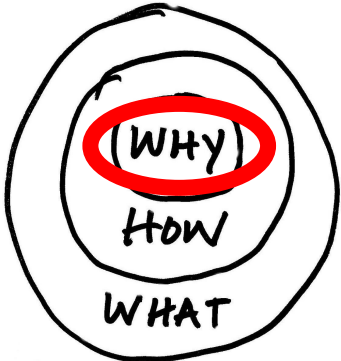
# Cracking the Transport System: A National Future-Ready Approach to Consistent Condition Data Collection

Sikander Singh

Tauranga City Council



# Evidence-based approach



July  
2021

REG Kaitaiki  
programme

June  
2022

CCDC  
endorsed

Feb  
2023

ONF tool  
adopted

Sept  
2023

NZTA Waka  
Kotahi Board  
approved

Nov  
2023

RFP for local  
sealed road  
CCDC

Mar  
2024

NZTA  
Contract No.  
8812  
awarded

# Benefits for roading managers

The CCDC sealed local roads project will allow better analysis and reporting.

Benefits include:

- More accurate condition forecasting
- Better lifecycle management and performance
- Quality-assured condition data
- Benchmarking and informed planning
- Enhanced asset management decision making
- Value for money data collection
- Freeing up capacity in the sector

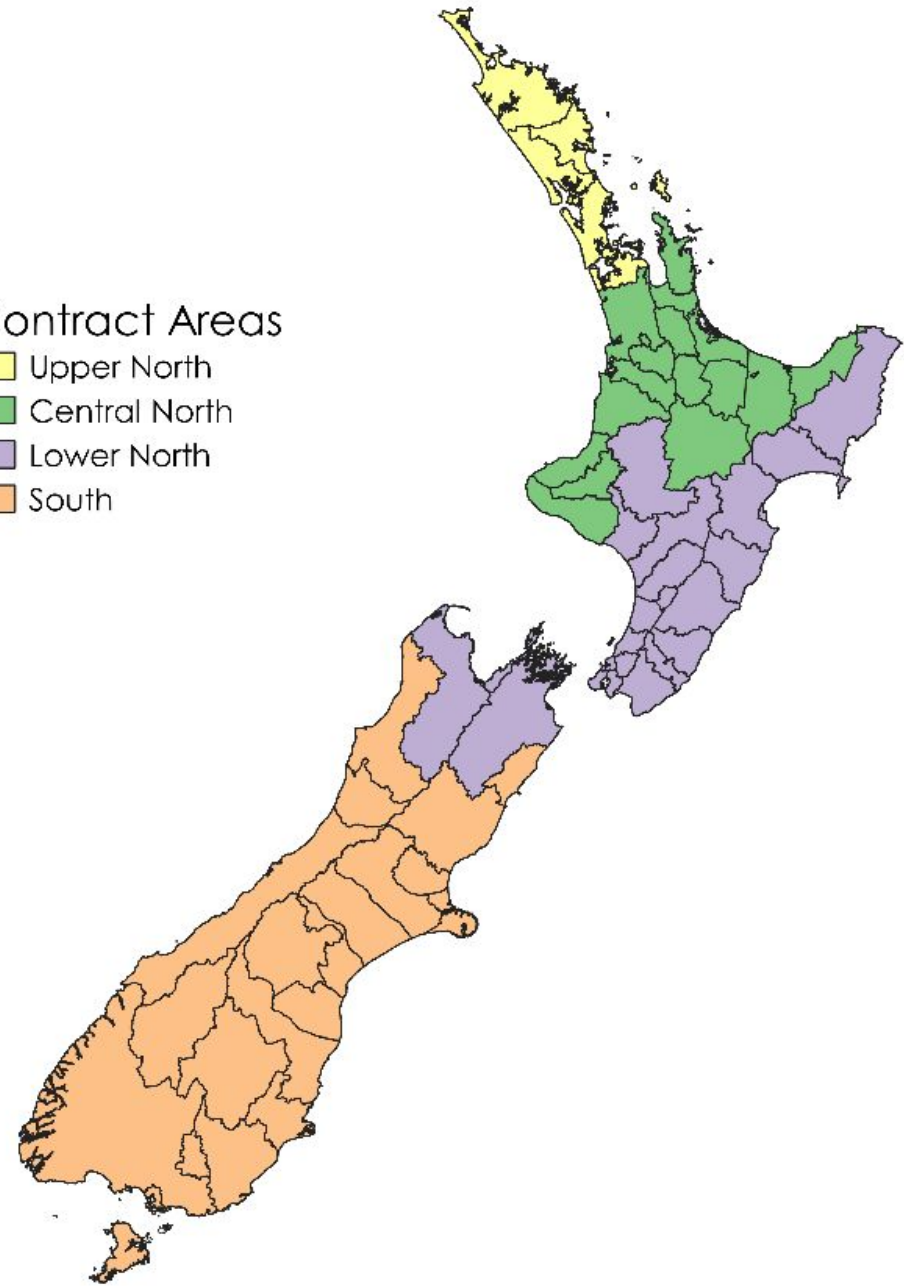


# Key milestones

- 100% Funding Assistance Rates
- Contract 8812 Local Road Sealed Pavement Condition Data Collection – two preferred suppliers across four areas

## Contract Areas

- Upper North
- Central North
- Lower North
- South



# Indicative delivery plan from March 2024

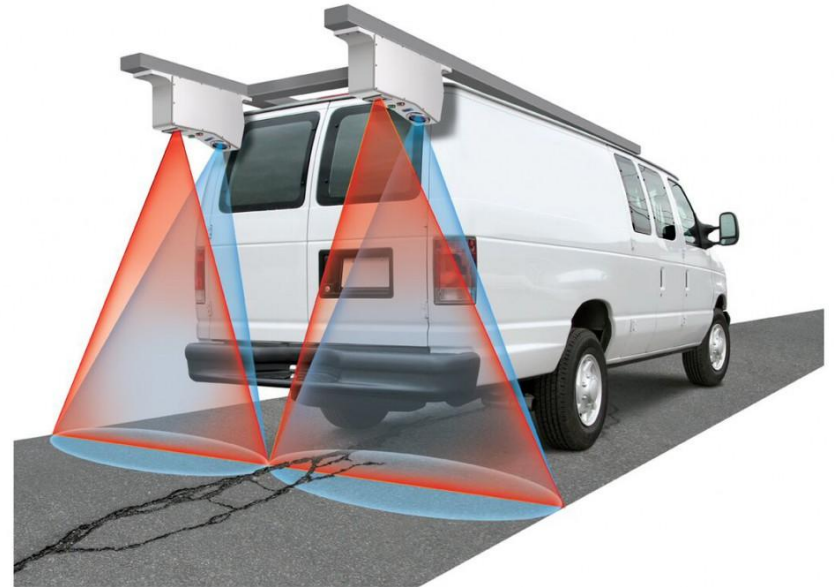
<b>Project 1: Sealed local roads</b>	<b>Project 2: Bridges and Structures</b> <i>(detail to come in 2024/25)</i>	<b>Project 3: Unsealed Roads</b> <i>(detail to come in 2024/25)</i>
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## Sealed local roads activity

	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Data collection contracts commence	Active											
NZ cracking algorithm development for 2024/25 surveys		Active	Active	Active								
Establish and certify vehicles		Active	Active	Active	Active	Active						
Develop the national data collection programme with TLAs	Active	Active	Active									
Pavement inspection surveys							Active	Active	Active	Active	Active	Active
Develop Sealed Roads Guidance: pavement strength, skid resistance and drainage					Active	Active	Active	Active	Active	Active		

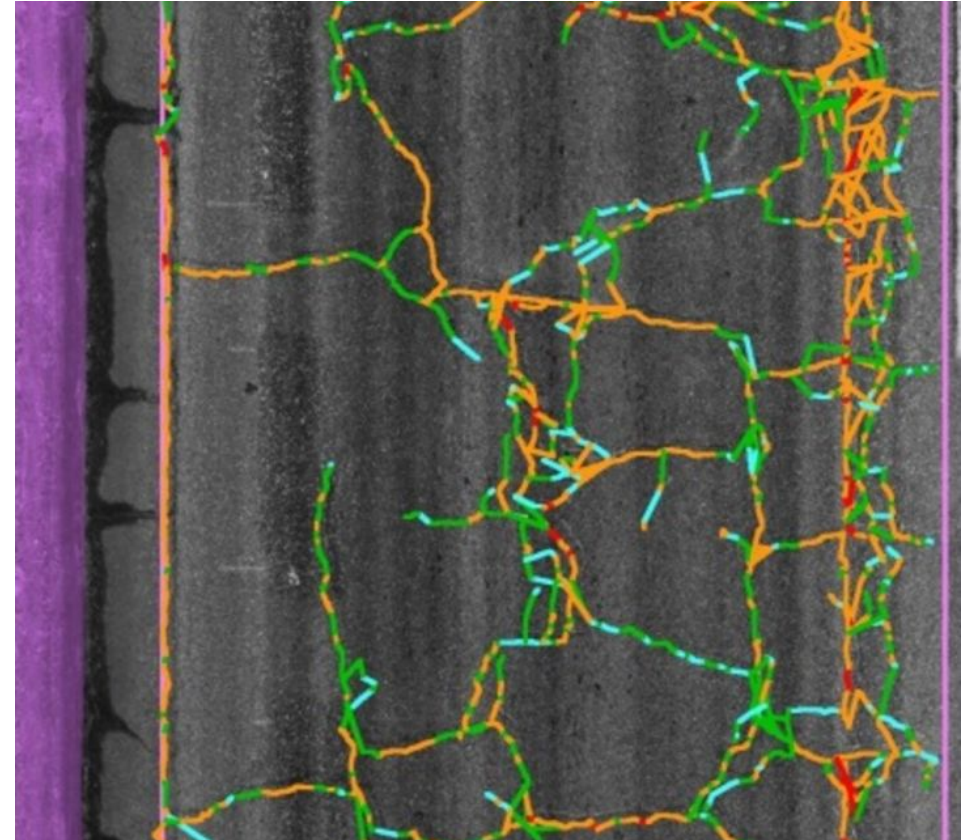
# Survey data collected

- Texture
- Roughness
- Rutting
- Cracking
- Network video

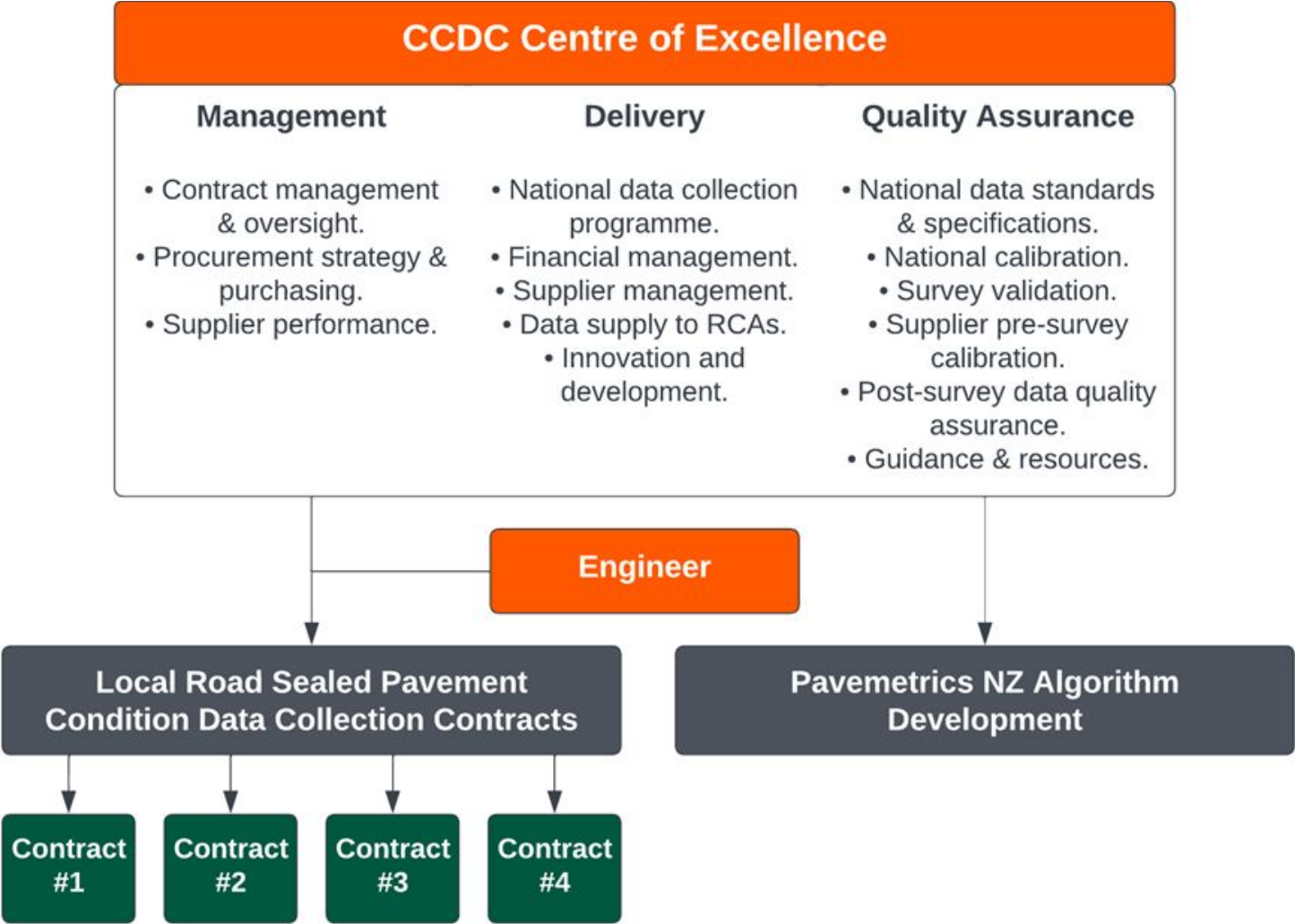




# Data collection contract focus

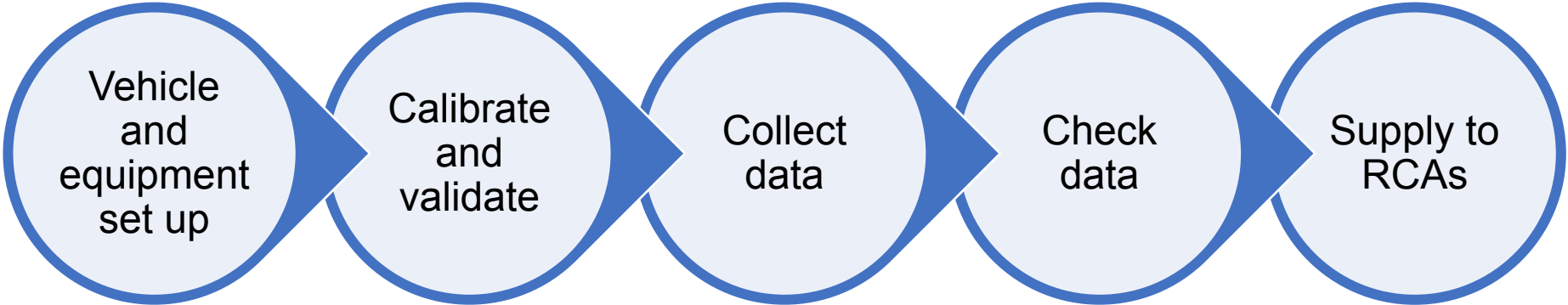


# The CCDC sealed local roads delivery model





# Quality of deliverables



# Future project phases

- Drainage
- Pavement strength
- Skid resistance
- Unsealed roads
- Bridges




# Keeping connected

- [www.nzta.govt.nz/tep](http://www.nzta.govt.nz/tep)
- Regular email updates
- Te Ringa Maimoa workshop after tea – drainage, pavement strength, and skid resistance
- Te Ringa Maimoa Learning and Development workshops
- Let us know your communication ideas: [teringamaimoa@nzta.govt.nz](mailto:teringamaimoa@nzta.govt.nz)


## Te Ringa Maimoa

Transport Excellence Partnership

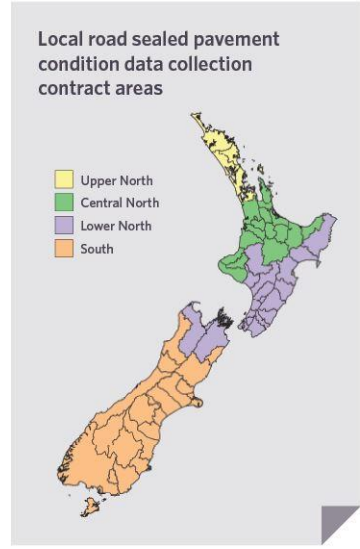


The Consistent Condition Data Collection (CCDC) programme will improve asset management planning and decision making by establishing national condition data standards for sealed pavements, bridges and structures, and unsealed roads.

The first CCDC project for sealed local road pavement inspections is funded at 100% through the National Land Transport Fund for 2024-27, so no council local share is required.



### Local road sealed pavement condition data collection contract areas



#### Timeline

	Project 1: Sealed local roads	Project 2: Bridges and Structures <small>(detail to come in 2024/25)</small>	Project 3: Unsealed Roads <small>(detail to come in 2024/25)</small>
<b>Sealed local roads activity</b>			
	Mar	Apr	May
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