

# Low Volume Roads Conference August 2022



# Introduction



# The Network

Stratford District Council Network - total length 578 km

- Urban Sealed - 42 km
- Rural Sealed - 315 km
- Rural Unsealed - 221 km
- Predominantly Rural district with Dairy, Sheep and Beef farming and forestry the main industries in the district.



# The Exciting Challenge

“ The **Contractor** is expected to **develop, execute and monitor maintenance strategies** which will ensure the proper and **long-term performance** of the Principal's assets”.



# I am going to cover

Explore strategy

Base line  
Roadroid/ initial  
inspection  
Archimedes

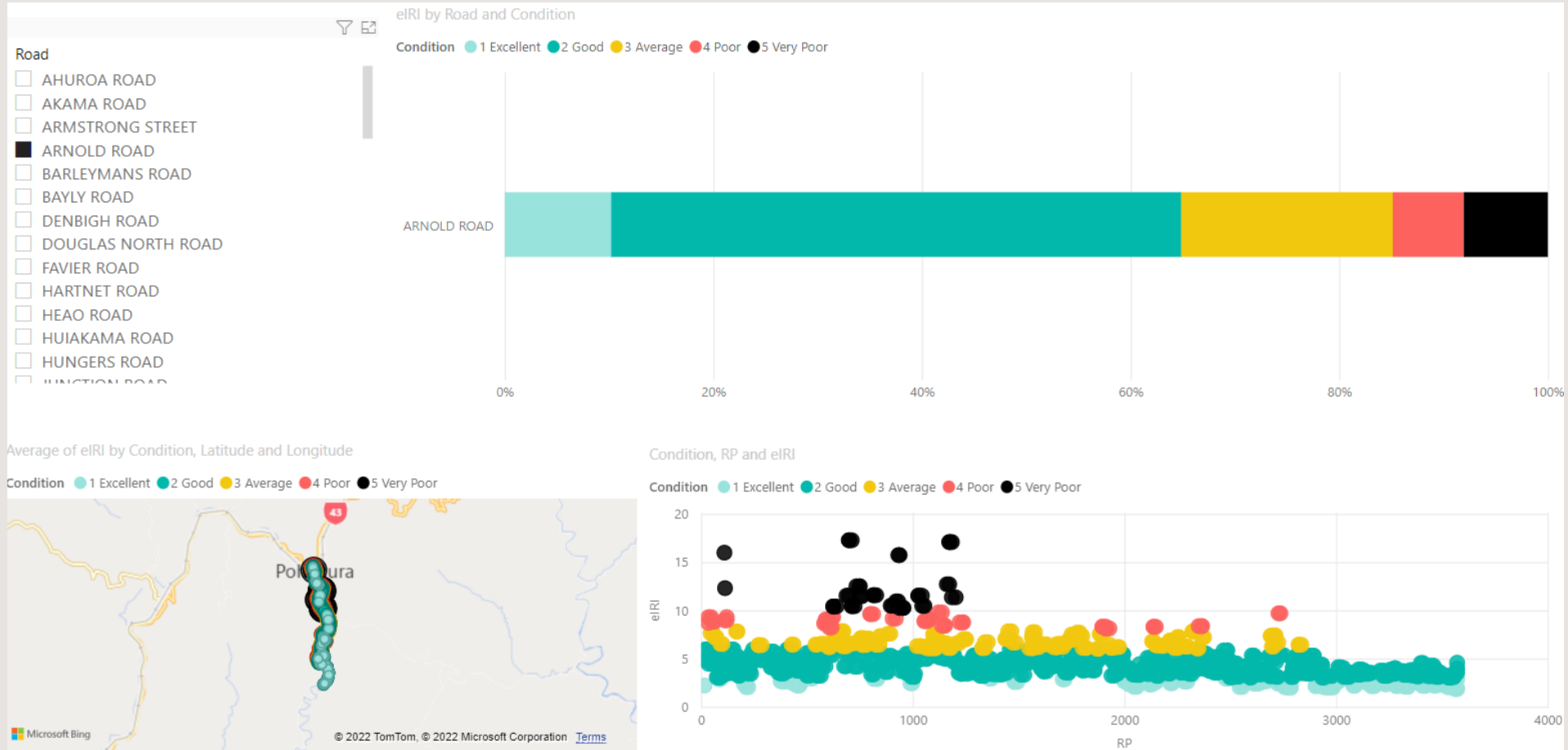
what happened  
..results  
evidence

# Strategy - Creation

## Unsealed roads.

- Fresh set of eyes on the network.
- Experienced operator on network full time
- Data collection to provide proof that what we were doing worked.
- Increased frequency of grading.
- Increased drainage programme.

# Data collection base line



# Secondary Inspection – The Proof Bayly Road



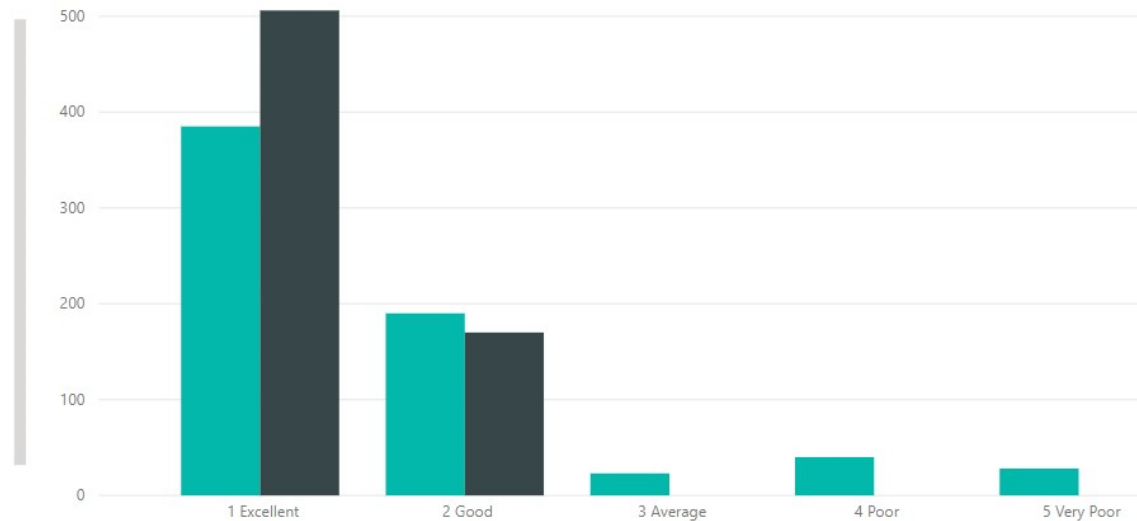
## Unsealed roads performance tracker

### Road

- AHUROA ROAD
- AKAMA ROAD
- ARMSTRONG STREET
- ARNOLD ROAD
- BARLEYMANS ROAD
- BAYLY ROAD
- DENBIGH ROAD
- DOUGLAS NORTH ROAD
- FAVIER ROAD
- HARTNET ROAD
- HEAO ROAD
- HUIAKAMA ROAD
- HUNGERS ROAD
- JUNCTION ROAD
- JURY ROAD
- KIRAI ROAD
- KOHURATAHI ROAD
- KOTA ROAD
- KUPE ROAD
- LOWER KOHURATAHI ROAD
- MANGAEHU ROAD
- MANGAMAIRE ROAD
- MANGANUI ROAD
- MANGAOAPA ROAD
- MANGAOWATA ROAD
- MANGARE ROAD
- MANU ROAD
- MARCO ROAD

Count of eRI by Condition and Year

Year ● 2019 ● 2021



Condition	2019	2021	Total
1 Excellent	385	506	891
2 Good	190	170	360
3 Average	23	23	23
4 Poor	40	40	40
5 Very Poor	28	28	28
<b>Total</b>	<b>666</b>	<b>676</b>	<b>1342</b>

Condition	2019	2021
1 Excellent	57.81%	74.85%
2 Good	28.53%	25.15%
3 Average	3.45%	
4 Poor	6.01%	
5 Very Poor	4.20%	





# Secondary Inspections – The Proof Bayly Road

2019



2021



# Secondary Inspections – The Proof Bayly Road

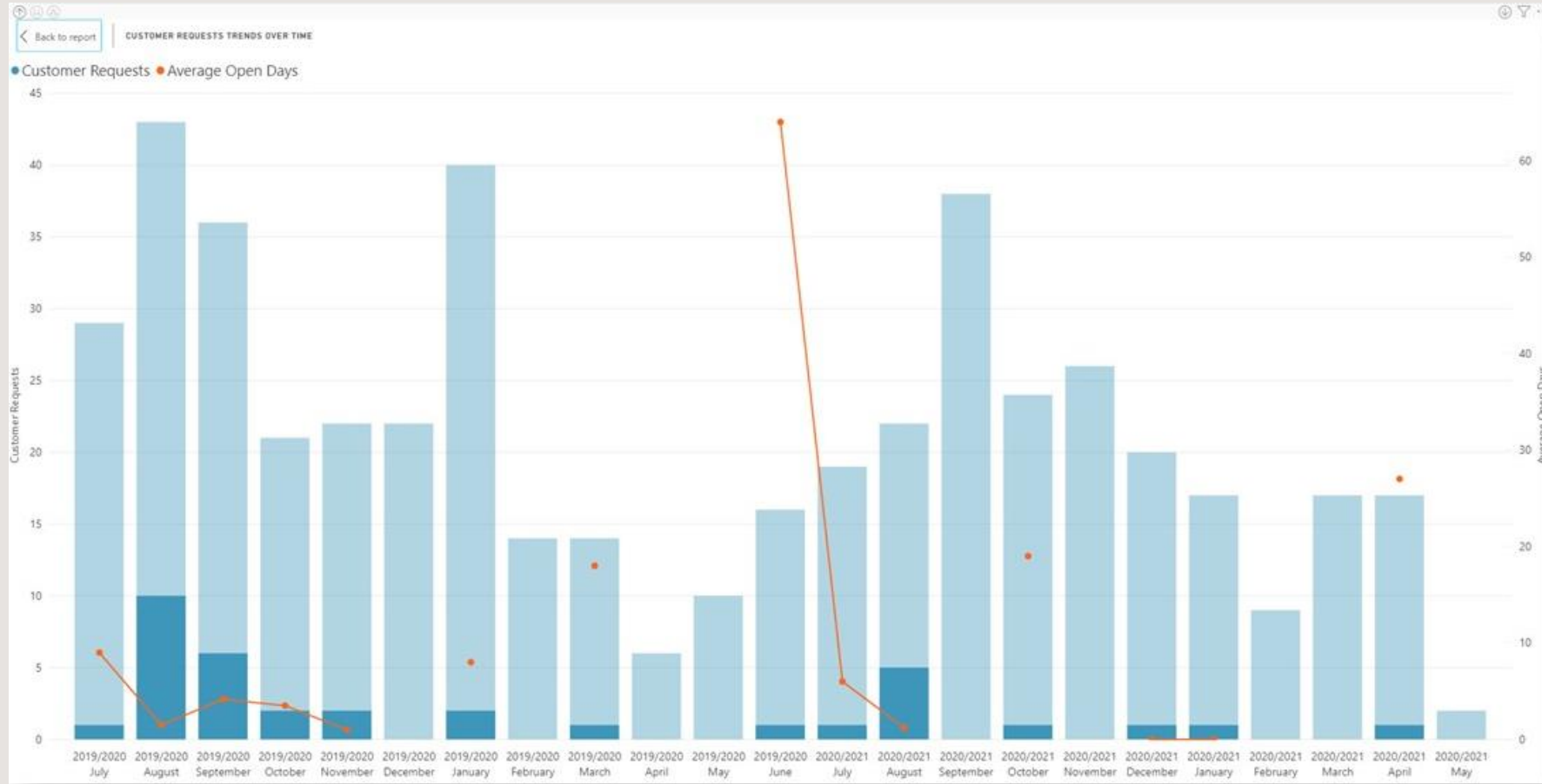
2019



2021



# Secondary Inspections – The Proof



# Conclusion

