

Seasonal Surfacing

HIGGINS®



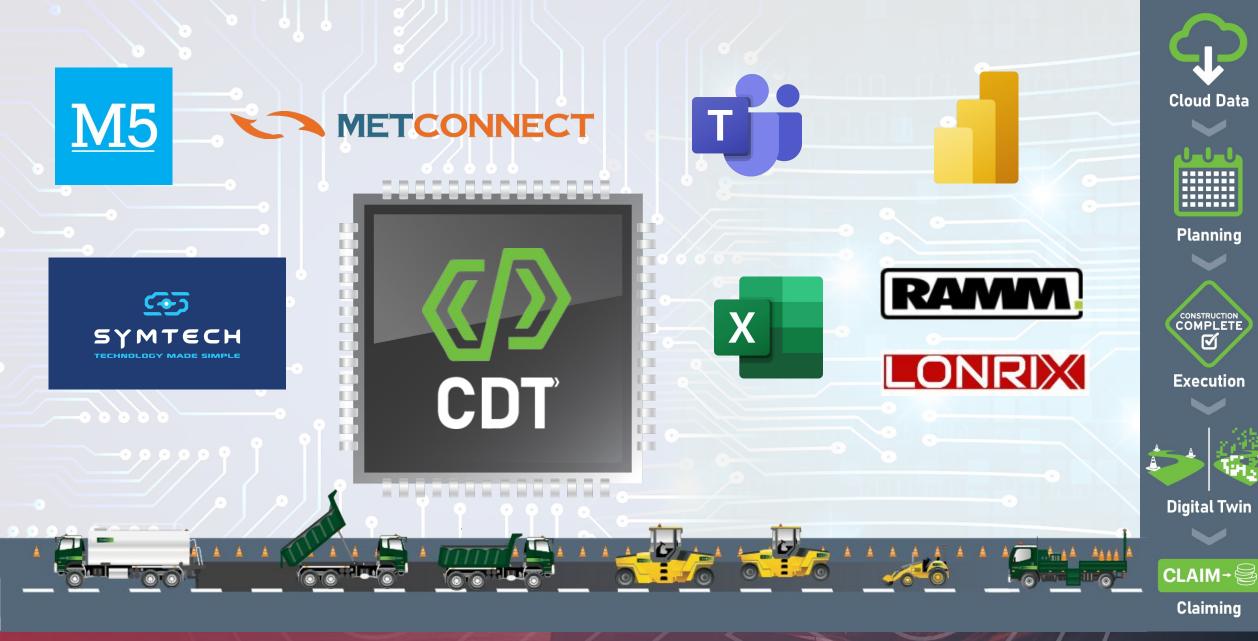




Fostering Collaboration: Whanaungatanga in transport asset management

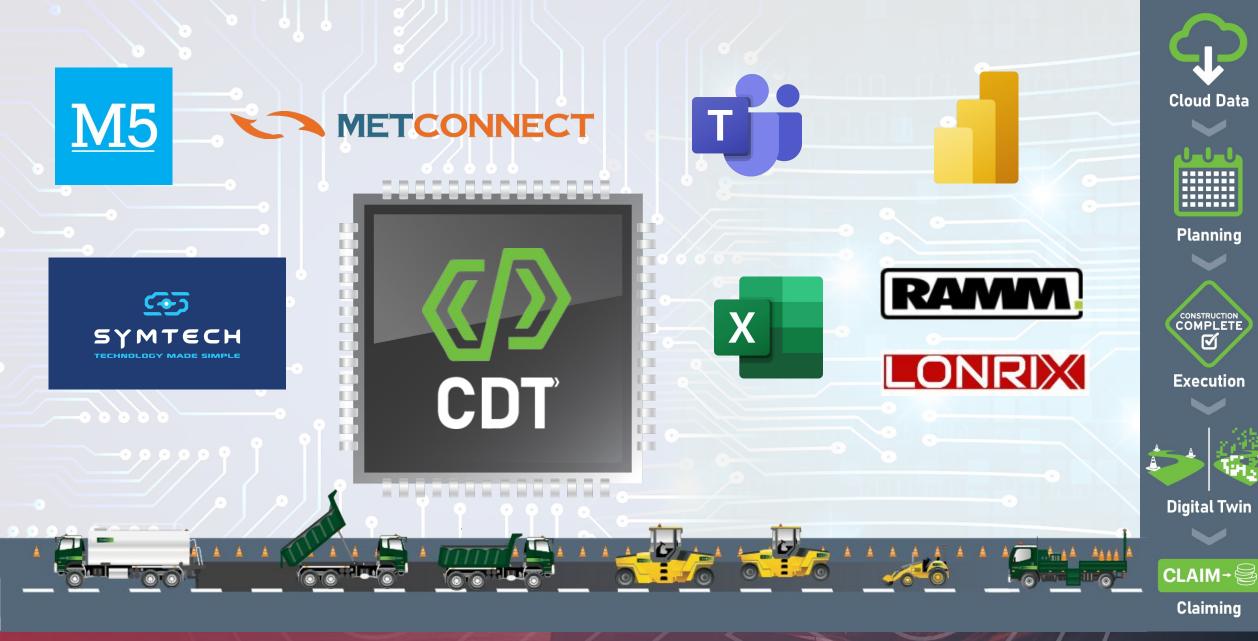












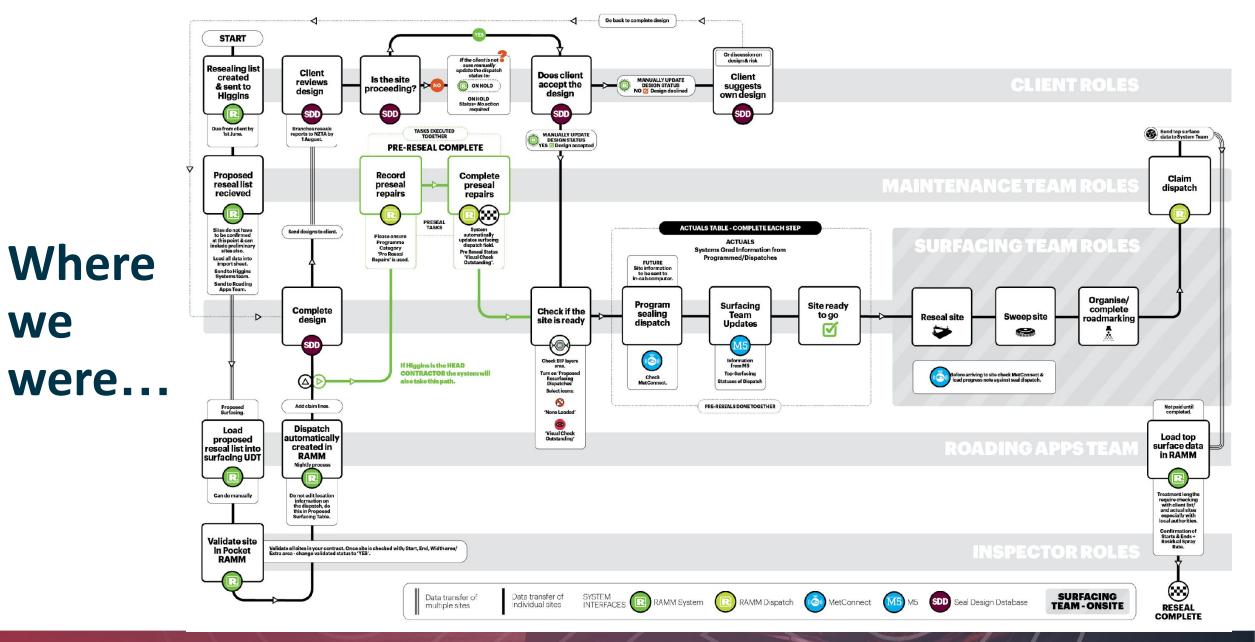








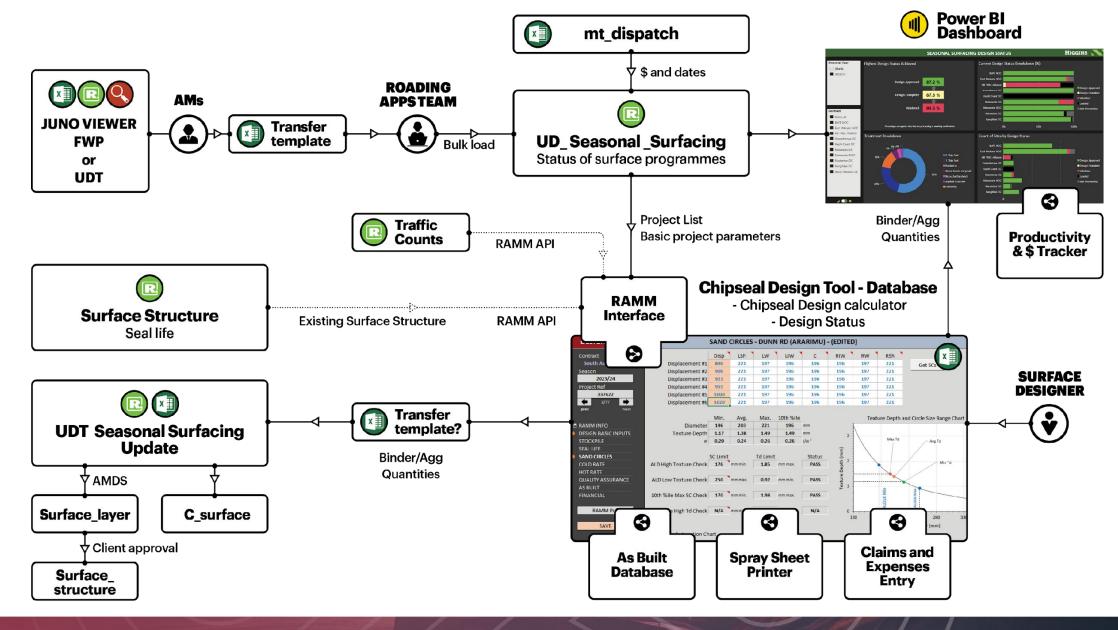


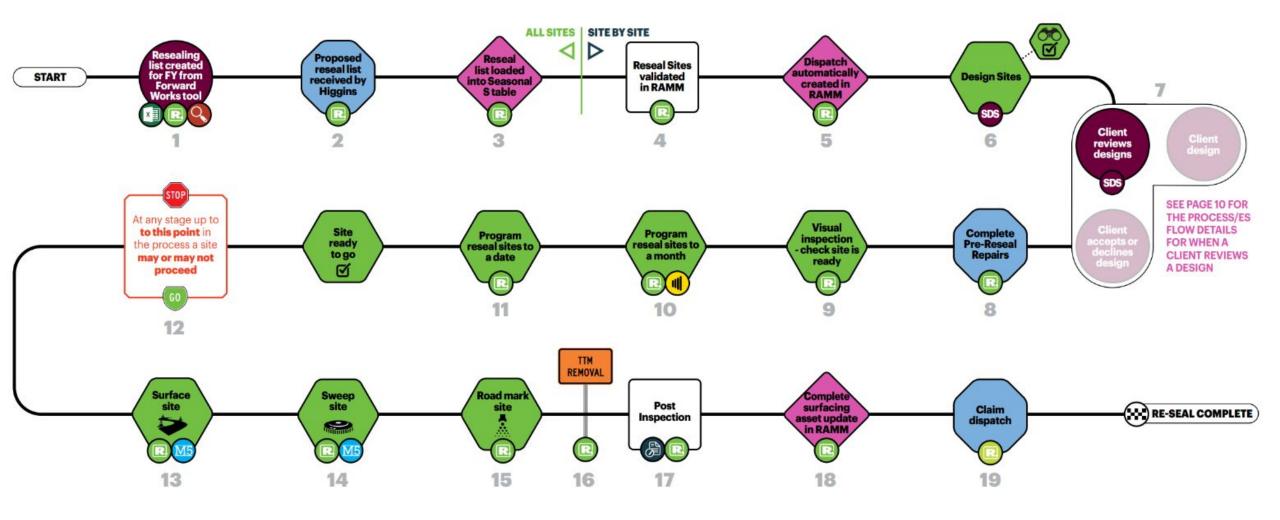






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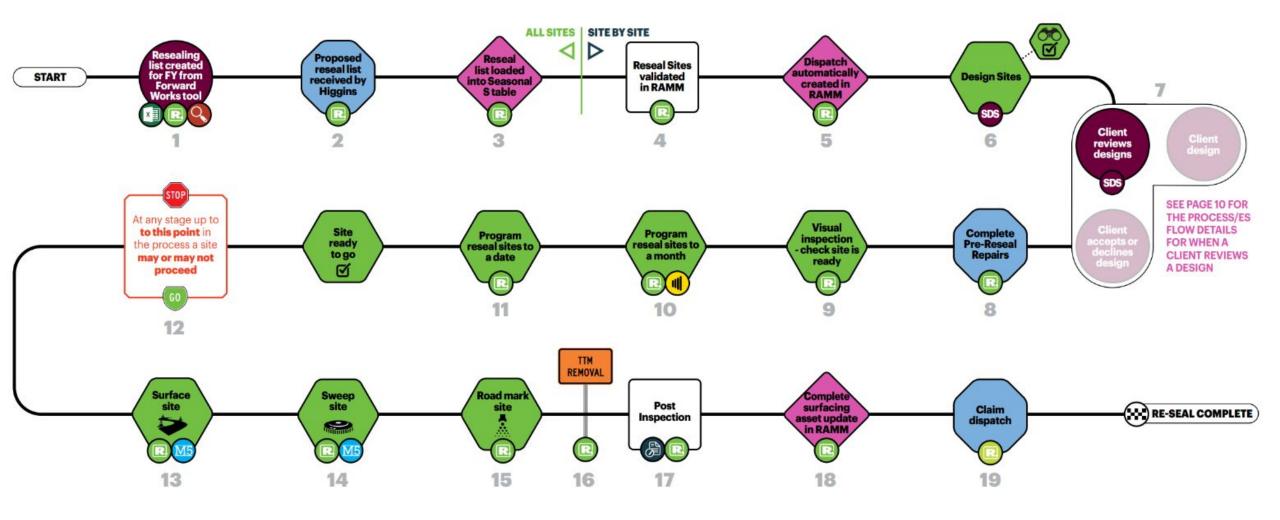




What it does for Higgins and the client



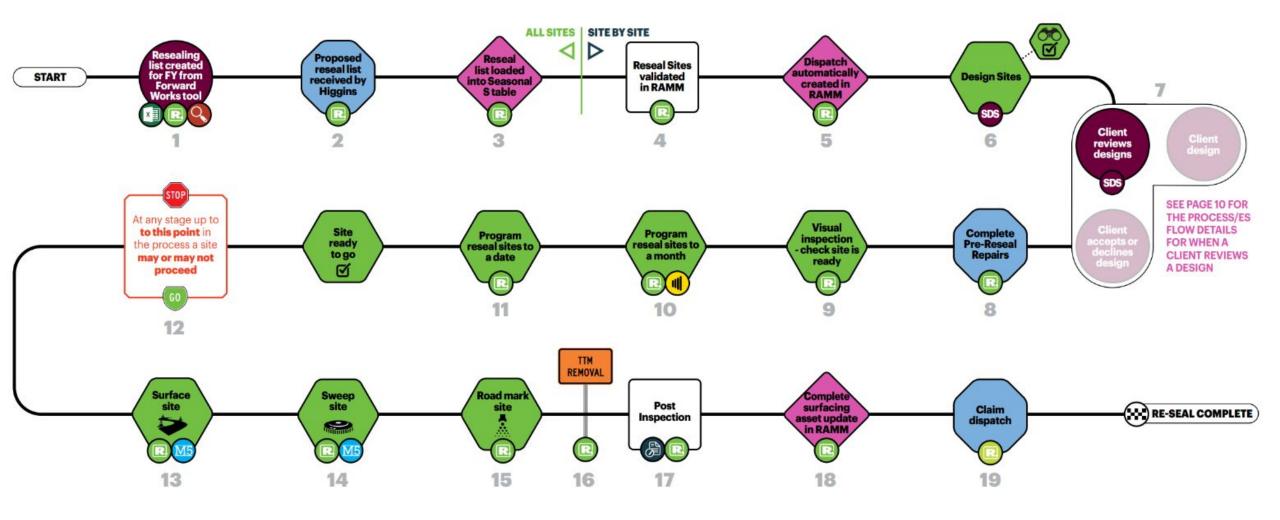




What it does for Higgins and the client







What it does for Higgins and the client





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Higgins Seasonal Surfacing Process

HIGGINS.

System Overview



8. Complete Pre-Reseal Repairs

HOW: Communicate with the relevant Maintenance Team/s.

It's HIGHLY ADVISABLE to communicate with the appropriate 'Maintenance Team' when determining if a site is ready for re-sealing.

Where Higgins is the **head maintenance contractor** the **Pre-reseal Status** is locked down and will be updated automatically.

Where we are **NOT** the Head Maintenance Contractor talk to the **relevant** 'Maintenance Team' to find out the status of a site.

ACTION: Check/Update 'Pre-Reseal Status'.

The following status's are potential statuses that a site may follow before a **VISUAL INSPECTION** can be done. Look at the Dashboard + RAMM for sites showing:

- · 'None Loaded'.
- · 'Work Complete'
- 'None Required'
- 'Work Outstanding'

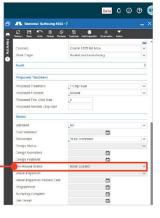
The only two status's confirming a visual inspection can be done are:

- 'Work Complete'
- 'None Required'

PRE-RESEALS

Is all of the work done BEFORE the putting down of the surfacing

PRE-RESEAL STATUS





NOTE: Dispatches for Pre-Reseal Repairs are validated in the system which takes 48 hours.

The system automatically performs on-going searches for all Seasonal Surfacing sites which are loaded with RP information, and if **NONE** are found for 90 days the system changes the status to **'None Required'**.

If a site is found during those on-going automated searches the status is changed to **'Work Complete'**.

Pre-Reseals = x1 Dispatch

Sealing = x1 Dispatch

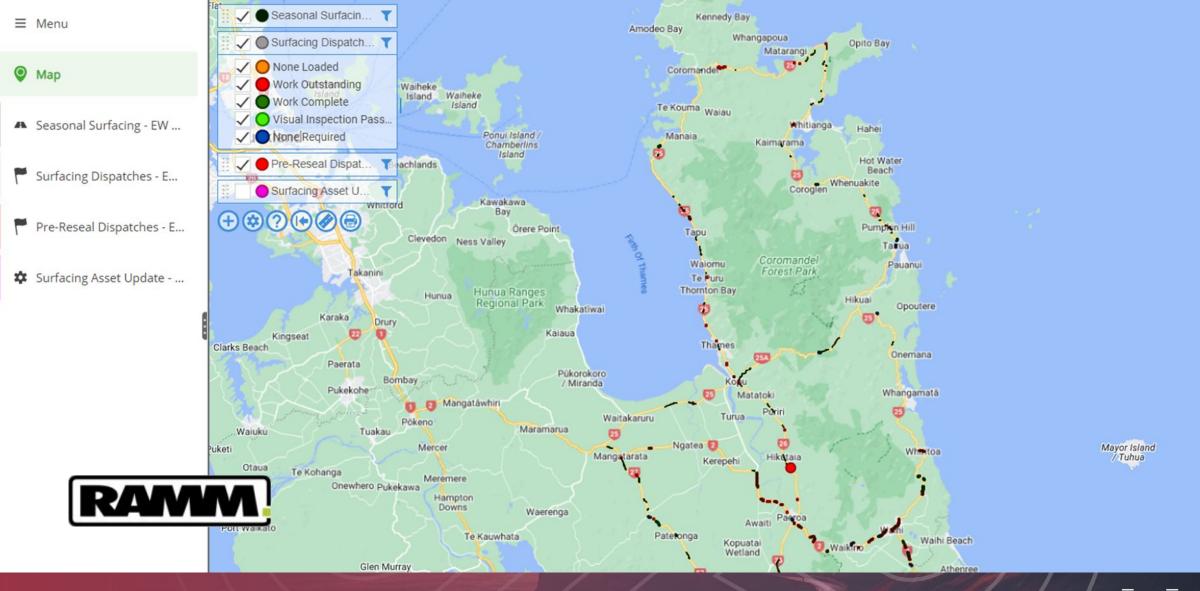












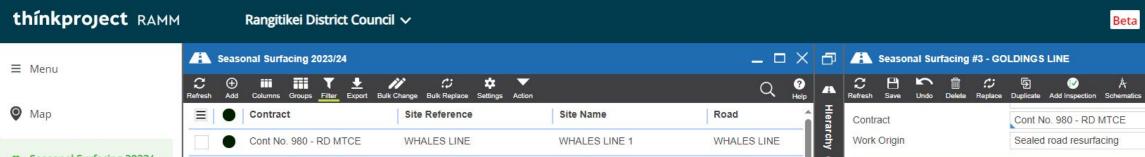




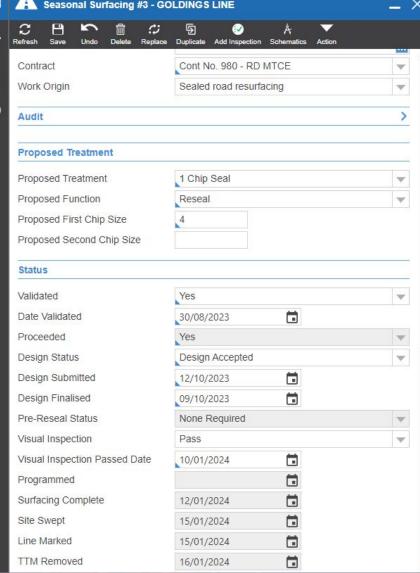








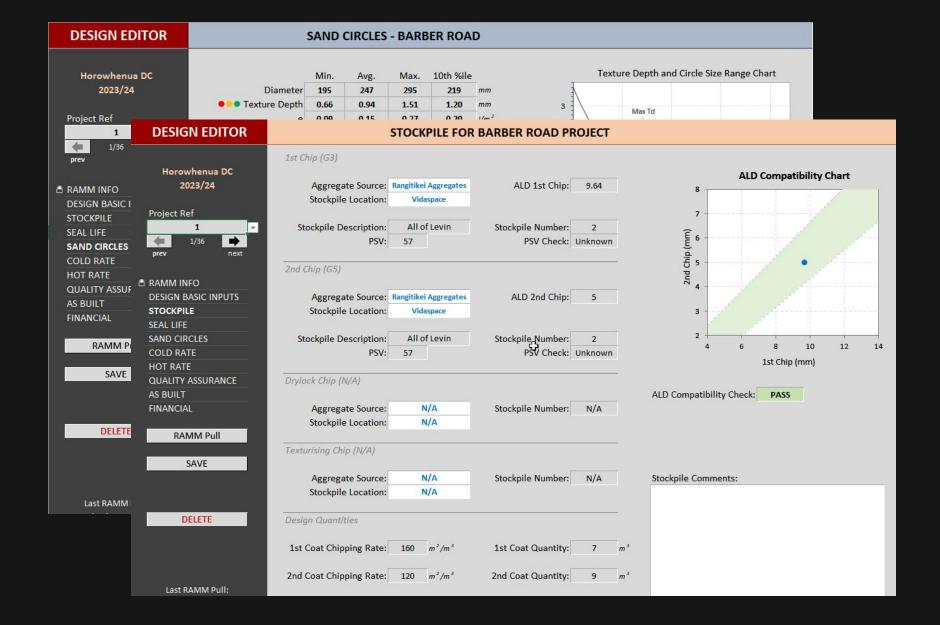
Menu	Sed:	Seasonal Surfacing 2020/24						
Wella	€ ⊕		Q ?					
Мар		Contract	Site Reference	Site Name	Road			
		Cont No. 980 - RD MTCE	WHALES LINE	WHALES LINE 1	WHALES LINE			
Seasonal Surfacing 2023/		Cont No. 980 - RD MTCE	WHALES LINE	WHALES LINE 2	WHALES LINE			
Surfacing Dispatches		Cont No. 980 - RD MTCE	GOLDINGS LINE	GOLDINGS LINE	GOLDINGS LINE			
		Cont No. 980 - RD MTCE	TUTAENUI ROAD	TUTAENUI ROAD 3	TUTAENUI ROAD			
e-Reseal Dispatches		Cont No. 980 - RD MTCE	GALPINS ROAD	GALPINS ROAD	GALPINS ROAD			
		Cont No. 980 - RD MTCE	ALDWORTH ROAD	ALDWORTH ROAD 1	ALDWORTH ROAD			
ourfacing Asset Update		Cont No. 980 - RD MTCE	ALDWORTH ROAD	ALDWORTH ROAD 2	ALDWORTH ROAD			
		Cont No. 980 - RD MTCE	WHANGAEHU BEACH ROAD	WHANGAEHU BEACH ROAD	WHANGAEHU BEA			
		Cont No. 980 - RD MTCE	WATERSHED ROAD	WATERSHED ROAD	WATERSHED ROAL			
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		Cont No. 980 - RD MTCE	MATAROA ROAD	MATAROA ROAD 1	MATAROA ROAD			
		Cont No. 980 - RD MTCE	MATAROA ROAD	MATAROA ROAD 2	MATAROA ROAD			
		Cont No. 980 - RD MTCE	MATAROA ROAD	MATAROA ROAD 3	MATAROA ROAD			
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		Cont No. 980 - RD MTCE	ABATTOIR ROAD	ABATTOIR ROAD 3	ABATTOIR ROAD			
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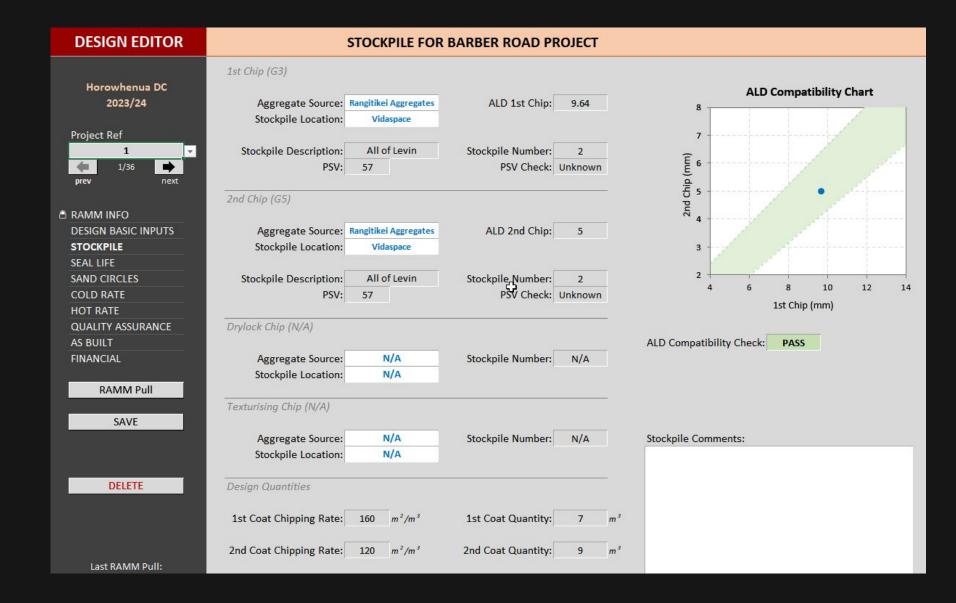








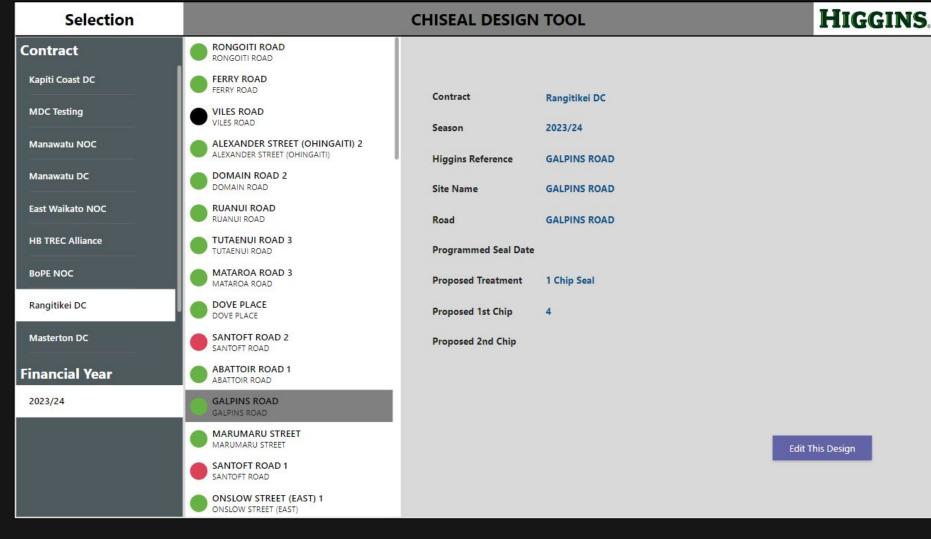






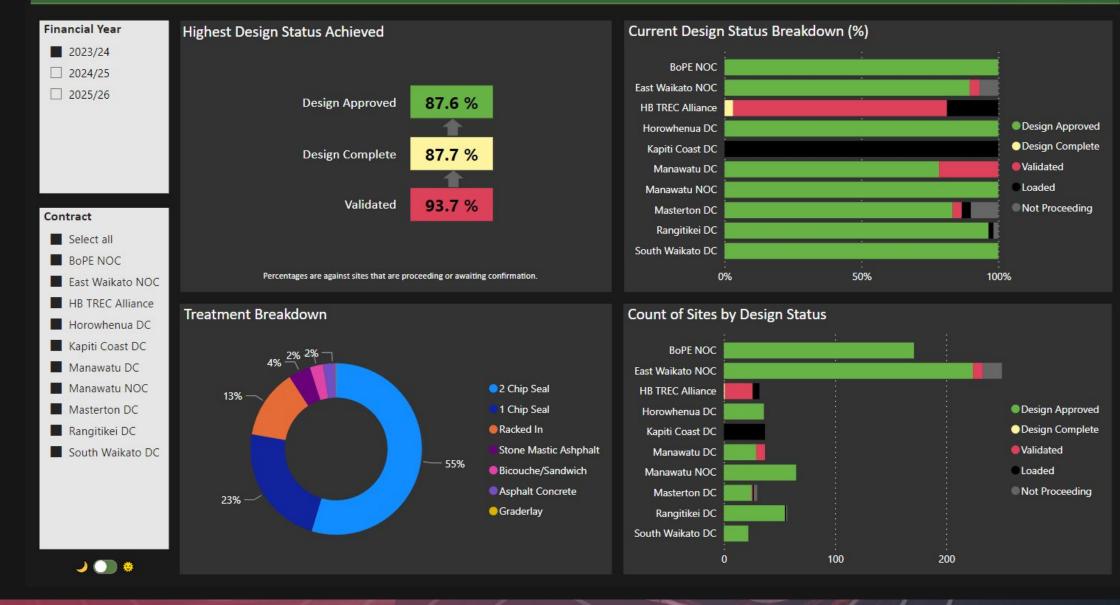
















Masterton DC

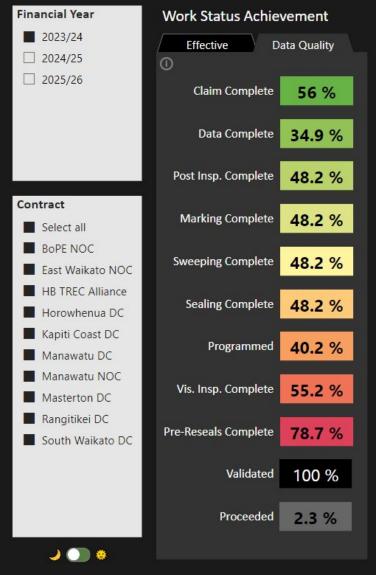
Rangitikei DC

0.0M

0.2M

0.4M

South Waikato DC







0.8M

0.6M



Visual Insp. Complete

Pre-Reseals Complete

Design Phase

Not Proceeding

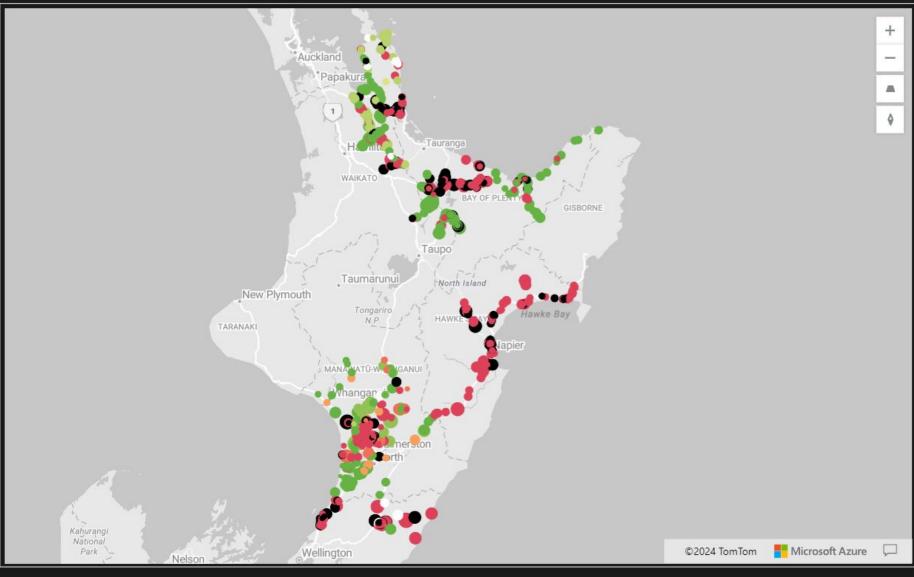






Financial Year 2023/24 0 2024/25 0 2025/26 Contract Select all BoPE NOC East Waikato NOC HB TREC Alliance Horowhenua DC Kapiti Coast DC Manawatu DC Manawatu NOC Masterton DC Rangitikei DC South Waikato DC **Work Status** Select all Claim Complete Data Complete Design Phase Marking Complete Not Proceeding Post-Inspection Co... Pre-Reseals Complete

Programmed



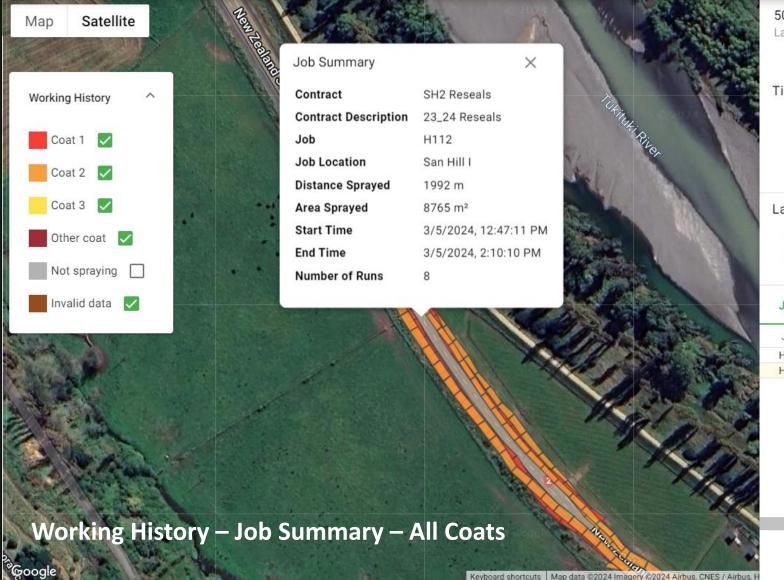


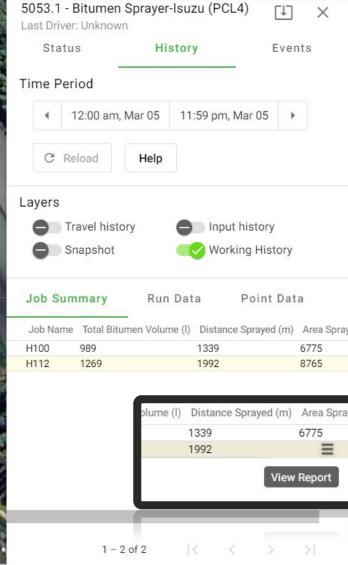




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BITUMEN SPRAYER: JOB SUMMARY

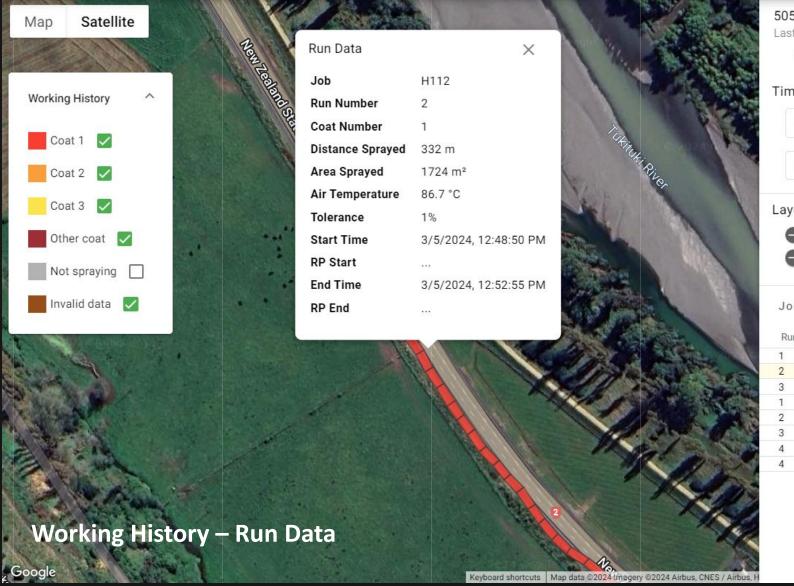


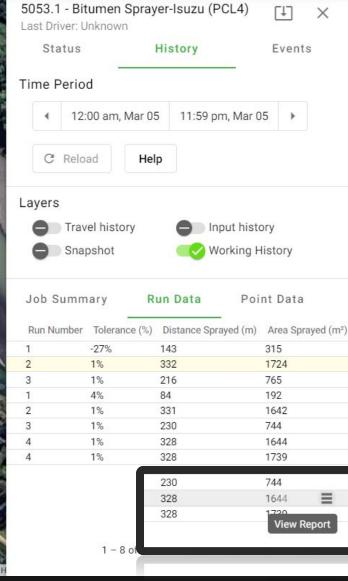






BITUMEN SPRAYER: RUN DATA

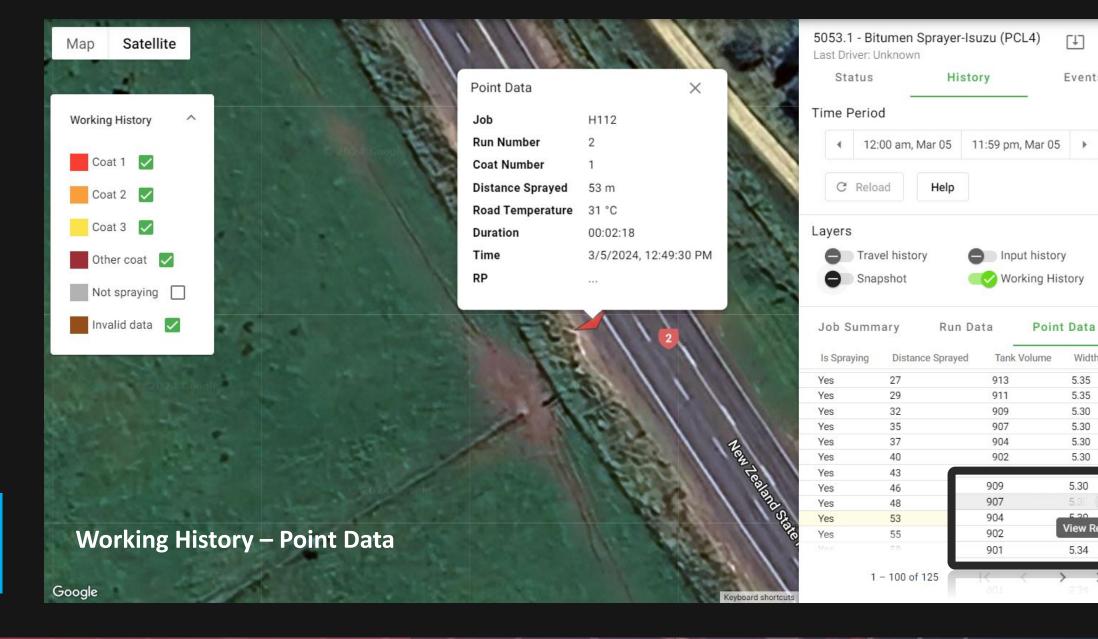








BITUMEN SPRAYER: POINT DATA







Events

Width (m)

5.35

5.35

5.30

5.30

5.30

5.30

5.30

5.34

View Report

Machinery Work Reports Filter Bitumen Job Report 5053.1 - Bitumen Sprayer... ▼ ◆ 5 March Job N... Total Bi... Average Wid... Start Time Asset Name Contract Nu... Contract Des... Job Loc... Distance Spr... Area Spraye... 5053.1 - Bitumen Sprayer-Isuzu (PCL4) SH2 Reseals 23_24 Reseals H112 San Hill I 1269 1992 8765 4.40 05/03/2024

Bitumen Sprayer: Job Report A

Bitumen Sprayer: Run Report

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TUMEN SPRAY



Machinery Work Reports Q Filter					Report Bitumen Point Report ▼ 5053.1 - Bitumen Sprayer ▼ 4 5 March ▶ Generate ▼					
Job Name	Job Location	Run Number	Is Spraying	Is Paused	Distance Sprayed	Tank Volume	Radar Volume	Road Temperature	Width (m)	Duration (hh:mr
H112	San Hill I	2	No	No	142	935	875.8	30.3	-0.90	00:00:00
H112	San Hill I	2	No	No	0	935	958.2	30.9	2.87	00:00:34
H112	San Hill I	2	Yes	No	0	935	932.6	27.9	5.29	00:01:38
H112	San Hill I	2	Yes	No	2	932	933.7	28.5	5.29	00:01:40
H112	San Hill I	2	Yes	No	5	930	953.8	29.8	5.29	00:01:42
H112	San Hill I	2	Yes	No	7	928	952.8	30.4	5.27	00:01:44
H112	San Hill I	2	Yes	No	10	926	948.9	30.5	5.27	00:01:46
	Job Name H112 H112 H112 H112 H112 H112	Job Name Job Location H112 San Hill I H112 San Hill I	Job Name Job Location Run Number H112 San Hill I 2 H112 San Hill I 2	Job Name Job Location Run Number Is Spraying H112 San Hill I 2 No H112 San Hill I 2 No H112 San Hill I 2 Yes H112 San Hill I 2 Yes H112 San Hill I 2 Yes H112 San Hill I 2 Yes	Job Name Job Location Run Number Is Spraying Is Paused H112 San Hill I 2 No No H112 San Hill I 2 No No H112 San Hill I 2 Yes No	Doorts Q Filter Bitumen Point Rep Job Name Job Location Run Number Is Spraying Is Paused Distance Sprayed H112 San Hill I 2 No No 142 H112 San Hill I 2 No No 0 H112 San Hill I 2 Yes No 2 H112 San Hill I 2 Yes No 5 H112 San Hill I 2 Yes No 7	Doorts Q Filter Bitumen Point Report ▼ 5053 Job Name Job Location Run Number Is Spraying Is Paused Distance Sprayed Tank Volume H112 San Hill I 2 No No 142 935 H112 San Hill I 2 No No 0 935 H112 San Hill I 2 Yes No 0 935 H112 San Hill I 2 Yes No 2 932 H112 San Hill I 2 Yes No 5 930 H112 San Hill I 2 Yes No 7 928	Doorts Q Filter Bitumen Point Report ▼ 5053.1 - Bitumen Sprayer Job Name Job Location Run Number Is Spraying Is Paused Distance Sprayed Tank Volume Radar Volume H112 San Hill I 2 No No 142 935 875.8 H112 San Hill I 2 No No 0 935 958.2 H112 San Hill I 2 Yes No 0 935 932.6 H112 San Hill I 2 Yes No 2 932 933.7 H112 San Hill I 2 Yes No 5 930 953.8 H112 San Hill I 2 Yes No 7 928 952.8	Doorts Q Filter Bitumen Point Report S053.1 - Bitumen Sprayer▼ 4 S March 5 March 1 S March 2 S March 3 March 3 S March 3	Job Name Job Location Run Number Is Spraying Is Paused Distance Sprayed Tank Volume Radar Volume Road Temperature Width (m) H112 San Hill I 2 No No 142 935 875.8 30.3 -0.90 H112 San Hill I 2 No No 0 935 958.2 30.9 2.87 H112 San Hill I 2 Yes No 0 935 932.6 27.9 5.29 H112 San Hill I 2 Yes No 2 932 933.7 28.5 5.29 H112 San Hill I 2 Yes No 5 930 953.8 29.8 5.29 H112 San Hill I 2 Yes No 7 928 952.8 30.4 5.27

Bitumen Sprayer: Point Data Report



Notifications System



M5 Workshop	Machinery Manage	ement Dashboard	Geofencing Reports	Servicing Fleet R	egister Administration	Notification Lo	gbook		Evan Yeoman - Higgins	Θ
My Notifications	My Notification	ns Q Filter							+ Create	*
Company Notifications		- Filter								
	Name	Creator	My recipient email	Total Recipient Count	Resource Type	Trigger(s)	Frequency(s)	Enabled	Send If No Results	
	Bitumen Spraying	Evan Yeoman	e.yeoman@higgins.co.nz	1	Asset Digital Input	Set	Immediately	Yes	No	
	Bitumen Sprayers Daily	Evan Yeoman	e.yeoman@higgins.co.nz	1	Asset Digital Input	Set	Daily	Yes	Yes	/ 1
	Bitumen Sprayers Daily	Evan Yeoman	e.yeoman@higgins.co.nz	1	Asset Digital Input	Set	Daily	Yes	Yes	









our Presenter – EVAN YEOMAN

tran has over 20 years' experience in the construction both New Zealand and the UK.

Higgins team as a Project Manager, after eight years he had a stint in the UK as a Quality Section Manager for Tarmac.

On Evans return to New Zealand, Evan then became the Higgins Fleet and Asset Systems expert and manages staff and support teams to deliver Asset systems (RAMM, Juno, M5 & Eroad) for Higgins.

"This is to bring about improvements in business technology for both Higgins and the client."

