

14 July 2026

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Kia ora [REDACTED]

Official information Request: Roading queries

I am writing to you in response to your request received 18 June for the following information.

We have assessed your request under the Local Government Official Information and Meetings Act 1987 (LGOIMA). I have received information to provide the following response:

- 1. Total cost of road resurfacing work carried out by or on behalf of SWDC on Eagle Place and Birdie Way Martinborough on 9 May 2026.**

The total cost of the resurfacing work was \$49,762.70.

- 2. The procedures that SWDC uses for quality control on the work carried out by third party roading contractors such as Fulton Hogan.**

Quality control for asphalt surfacing works is carried out in accordance with the contract requirements and NZTA quality assurance processes. This includes verifying that materials, production, paving, compaction, and finished surface characteristics comply with the specified standards through inspections, testing, documentation, and ongoing monitoring. Any non-conformances are identified, recorded, and addressed in accordance with the contract quality management procedures to ensure the completed work meets the required performance and durability standards.

- 3. The quality control report on the work carried out on Eagle Place and Birdie Way Martinborough on 9 May 2026.**

The quality control reports are attached. Please note, where information has been redacted in the attachments, this relates to the privacy of natural persons under the LGOIMA section 7(2)(a).

- 4. Also to note that my two earlier informal “Get it Sorted” communications relating to the above-mentioned road works don’t seem to have resulted in any action.**

The customer initially requested the information through a service request and later submitted a request under the LGOIMA. As the customer had requested that the information be provided under the LGOIMA process, we did not respond to the service request.

Please note that it is our policy to proactively release our responses to official information requests where possible. If this request is selected it will be published at <https://swdc.govt.nz/lgoima-proactive-release/>, with your personal information removed.

You have a right to request a review by the Ombudsman on this response. Further information about this process can be found on <https://www.ombudsman.parliament.nz/what-ombudsman-can-help/complaints-about-government-agencies/how-make-complaint> or email info@ombudsman.parliament.nz

Nāku noa, nā

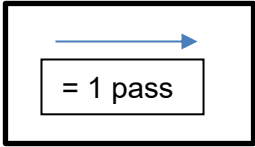
A handwritten signature in blue ink, appearing to be 'James O'Connor', written in a cursive style.

James O'Connor
Group Manager, Infrastructure and Community Operations

Post completion check list

SHIFT SUMMARY							
DATE:	5/8/2026			SITE:	Mortborough		
FOREMAN:	Mike			JOB NUMBER:	2400026/21071062		
TOP SITE USED:	Marty Transport			Q.A. / SPOTTER:			
PAVE OPERATORS:				S/L/RAVE:	Colin L		
TIME KEEPING							
Yard Start Time:	8:30am		Time Wast TC Set Up:	8:45am		Crew In Closure:	8:55am
Milling Start Time:	8:55am		Milling Finish Time:	11:20am		Start Spraying Time:	
Finish Spraying Time:			Mix Laying Start Time:	12:18pm		Mix Laying Finish Time:	5:20pm
Crew Off Road:	5:55pm		Crew At Yard:			TC Off Road:	7
MILLING							
AREA (m ²)	REQUIRED DEPTH (mm)	CUT DEPTH (mm)		AREA (m ²)	REQUIRED DEPTH (mm)	CUT DEPTH (mm)	
372	0-30						
290	0-30						
ASPHALT							
MIX TYPE	CONVERSION FACTOR	TOTAL TONNES	AREA (m ²)	COMPACTED THICKNESS (mm)	LOOSE THICKNESS (mm)	WASTE (tonnes)	SPREAD RATE (mm)
DG7	428	50	662	30	40	0.5	32.00
DG7	428	23	290	30	40	3	29.52
							PARALLEL
							POWDER
SPRAYING							
SPRAYER	PRODUCT	AREA (m ²)	LITRES SPRAYED	TREATMENT SPRAY RATE	ACTUAL SPRAY RATE	SPRAYER DIP (Start)	SPRAYER DIP (End)
					POWDER		0
					POWDER		0
QUALITY CHECKS							
	CHECKED?	NOTES					
MILLING:	Yes	Good					
INSPECTION OF MILLED SURFACE:	Yes	Good					
JOINTS:							
JOINT PLACEMENTS:							
INSPECTION OF MAT:	Yes	Good					
RIDE QUALITY:							
CLEANLINESS:	Yes	Good					
PEDESTRIAN CROSSINGS:							
SHAPE / CROSS FALLS:	Yes	Good					
JANISER:	Yes	Good					
SERVICE COVERS (That are okay)	Yes	42 Good					
SERVICE COVERS (That need raising/adjusting)							
LAB TESTING:	Yes	Good					
LINE MARKING:							
OTHER COMMENTS							
Milled @ 30mm - Q/Q x2 Cul de Sac, Membrane & chip basecourse, tack coat existing asphalt, paved and sand sealed, off road late due to running short of mix							

Asphalt Testing Field Report

Date of Testing:	08-05-2026	Birdie Way/ Eagle Place, Martinborough
Surface/Ground Condition:	Dry Milled @30mm, Sprayed & Chipped DG7 @30mm	
Weather:	19.0 °C Scattered rain, mainly about the ranges, spreading elsewhere this evening. Northerlies. (Metservices @ 11:35, Martinborough)	
Ground Temperature:	Pre-Paving: 17.3 °C	Post-Paving: 40-45.0 °C
Delivering time of First Truck:	12:05	
Unload to paver time (First Truck) and temperature: when mixing in augers	12:13 @152.0 °C	
Number of Trucks used:	N/A	
Type of Rollers Used with Tonnages (T):	1x 4T DSD 1x 9T PTR 1x 10T DSD 	
Rolling Pattern:	4T Combie : 4 Vib, 2-4stat 9T PTR : 2-4vib, 2stat	
Comments:	Turning Head1- Eagle PL(Run1-4) Turning Head2- Birdie way(Run5-8)	

Asphalt Density Testing - NDM Worksheet

Work Order ID:		Department Name & Number:	P2 Crew FH Wellington
Sample ID:		Project Name & Number:	Birdie Way Eagle Place, Martinborough
Date of Testing:	08-05-2026	Location: Birdie Way Eagle Place, Martinborough	
Time:			

Mix Design Details		Production Details of Mix				
Mix Name	DG7 2024		<u>1</u>	<u>2</u>	<u>3</u>	<u>Average</u>
Design Sample Number	WEL240-0012	Latest MTSG				
Design MTSG	2.423	Sample Number				
Bulk Density Target (kg/m³)	2319	<u>Notes:</u>				
Target Air Voids %	4.0 (d)					

Density Targets	
Use: Mix Design MTSG / Latest MTSG = 2.423	MTD = 997 x MTSG = 2416 (kg/m³)

NDM Input Information								
NDM ID:	NDM-101 3450	NDM-102 3440	NDM-103 4640b	NDM-104 3450 new	NDM-105 3440 Fiji	Safe Density Zone (kg/m³)		
NDM Offset:	+30 kg	+50 kg	+80 kg	+65kg	+50kg			
Mix Height Set on NDM:	2.5 cm					Min (c)	Target (a)	Max (b)
Standard Count Done:	Yes / No					2246	2319	2367
<u>Notes:</u>								

Tested By:		Date Tested:	08-05-2026
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Asphalt Density Testing - NDM Worksheet

Record of Density Readings						
TestNo.	Chainage (m)	Lane Number	Layer ID	Density (kg/m³)	Relative Compaction (%)	Air Voids (%)
1	10	Run 1	30mm	2326	100.29	3.73
2	10	Run 2	30mm	2342	100.98	3.07
3	10	Run 3	30mm	2332	100.57	3.47
4	10	Run 4	30mm	2318	99.95	4.06
5	10	Run 5	30mm	2324	100.22	3.80
6	10	Run 6	30mm	2335	100.71	3.34
7	8	Run 7	30mm	2316	99.88	4.13
8	16	Run 7	30mm	2321	100.09	3.93
9	8	Run 8	30mm	2313	99.74	4.26
10	16	Run 8	30mm	2318	99.95	4.06
11						
12						
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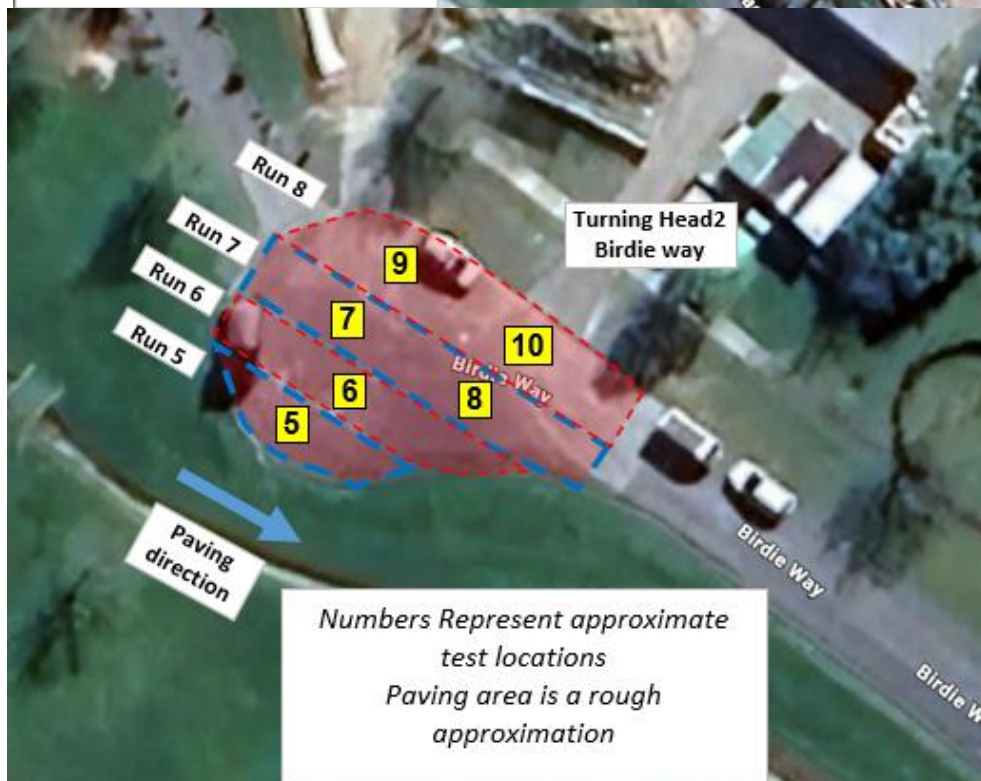
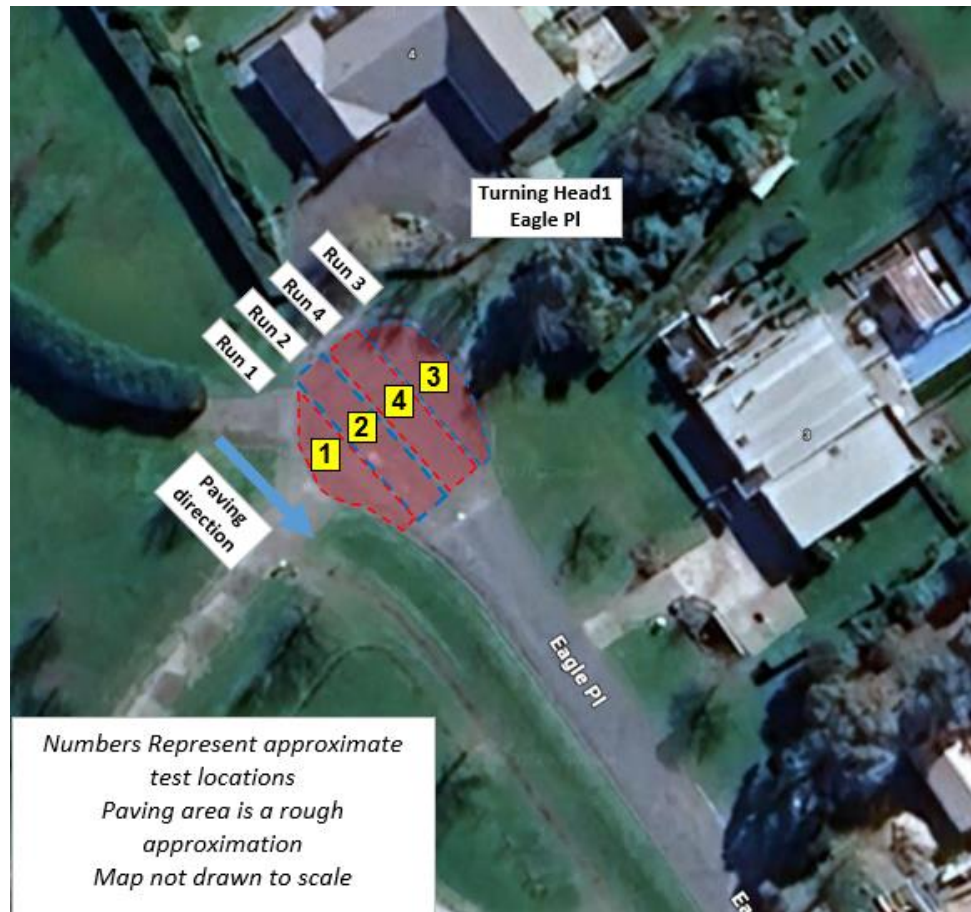
Tested By:

Nidhin Jose

Date Tested:

08-05-2026

SITE DIAGRAM



Design DG7 2024
 Specification NZTA M10 2020
 Traffic Category Light to Medium
 Asphalt Plant Wellington Asphalt Plant
 Date of Issue 20/11/2024
 Designer [REDACTED]
 Author [REDACTED]
 Issued By [REDACTED]
 Checked By [REDACTED]
 Version 1.1

Fulton Hogan Laboratory
 Wellington

358 Hebden Crescent
 Belmont
 Lower Hutt 5010
 04 565 0133

Toll Free 0800 LABORATORY

TEST METHODS

(a)	NZS 4407: Test 3.8.1 and 3.8.2	Particle Size Distribution
(b)	ASTM C127	Specific Gravity Coarse Aggregate
(c)	ASTM C128	Specific Gravity Fine Aggregate
(d)	AASHTO T19M/ T19	Bulk Density (Unit Weight) and Voids in Aggregate
(e)	ASTM D2041	Theoretical Maximum Specific Gravity
(f)	ASTM D2726	Bulk Specific Gravity
(g)	ASTM D3203	Percentage Air Voids
(h)	ASTM D3549	Average Height
(i)	ASTM D4867	Resistance to Stripping
(j)	AS 2891.2.2	Compaction of Asphalt Test Specimens by Gyratory Compaction
(k)	AGPT-T237	Binder Film Thickness
(l)	AS:2891 13.1	Resilient Modulus
(m)	AGPT/T231	Wheel Tracking
(n)	AGPT/T233	Fatigue Life

INPUT MATERIAL- AGGREGATES

Table 1 Aggregate Properties and IMF

Aggregate		Grade 5	Asphalt Sand			Specification NZTA M10 2020	
Source		Winstone Belmont	Winstone Belmont		Combined JMF	Lower Limit	Upper Limit
Percent Passing (%)							
Sieve Size (mm)	19.0	100	100		100	100	100
	13.2	100	100		100	100	100
	9.5	99	100		100	100	100
	6.7	51	100		90	80	100
	4.75	2	98		79	66	90
	2.36	0	67		54	44	75
	1.18	0	44		35	29	60
	0.6	0	31		25	19	47
	0.3	0	23		19	12	33
	0.15	0	16		13	8	22
	0.075	0	11		9	5	12
Blend ratio (%)		20	80		100	N/A	N/A
Bulk SG		2.66	2.66		2.66	N/A	N/A
Bulk Density (kg/m ³)		2652	2652		2652	N/A	N/A
Absorption (%)		0.7	0.7		0.7	N/A	N/A

INPUT MATERIALS – RAP

Binder Content in RAP (%): N/A

MATERIALS – BITUMEN

Table 2 Binder Properties

Binder Grade	PG58H (60/70)
Density @ 25°C	1.03

INPUT MATERIALS – ADDITIVES

Compaction Aid N/A
Adhesion Agent N/A
Rejuvenator N/A

AGGREGATE JMF BLEND

Fulton Hogan Wellington DG7 JMF Particle Size Distribution

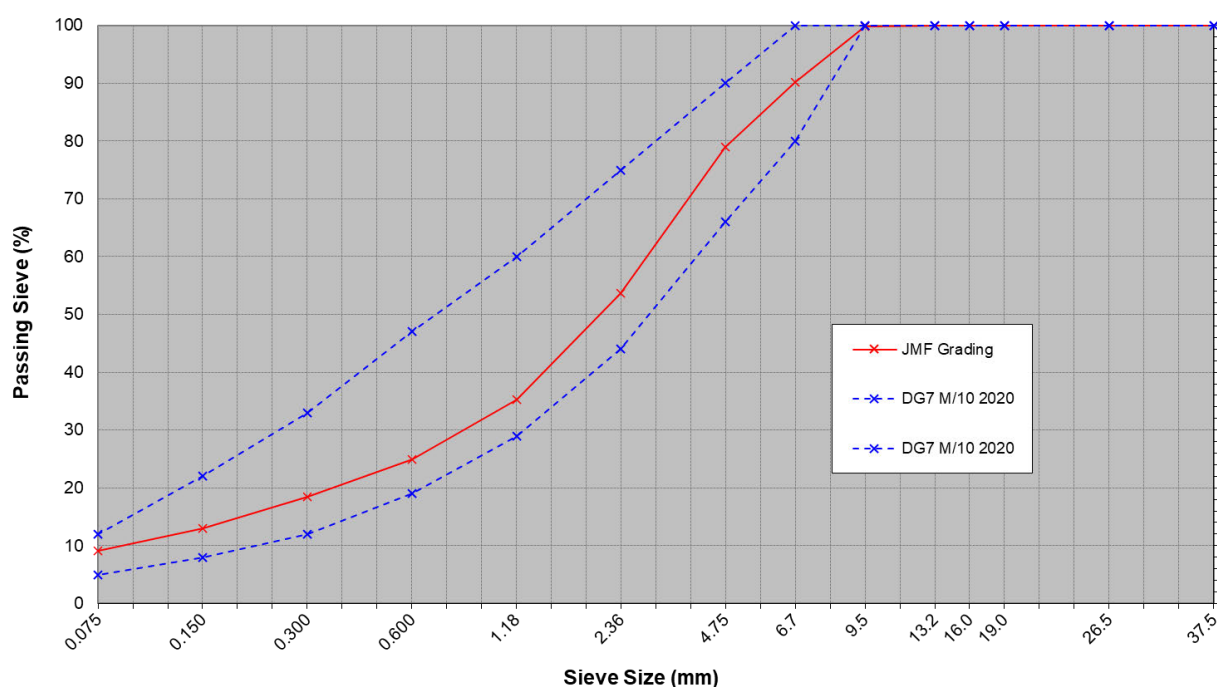


Figure 1 JMF Particle Size Distribution and Specification Envelope

ASPHALT CONCRETE MIX RESULTS

Table 3 Results of asphalt physical properties

Criterion	Results		
Total Binder Content (%)	6.0	6.5	7.0
Sample Number	WEL24M-00457	WEL24M-00459	WEL24M-00461
Compactive Effort (Cycles)	80	80	80
Mixing Temperature (°C)	165 - 175	165 - 175	165 - 175
Compaction Temperature (°C)	140 - 146	140 - 146	140 - 146
Bulk Specific Gravity	2.308	2.329	2.351
Bulk Density (kg/m³)	2301	2322	2344
Maximum Specific Gravity	2.429	2.420	2.400
Maximum Specific Density (kg/m³)	2422	2413	2393
Air Voids (%)	5.4	3.8	2.1
Refusal Air Voids (250 cycles) (%)	3.5	2.2	1.0
VMA (%)	18.4	18.1	17.8
Effective Binder Content (Vbe) (%)	13.1	14.4	15.7
Film Index (µm)	7.4	8.1	8.8

ASPHALT CONCRETE VOLUMETRIC & PERFORMANCE PROPERTIES
Table 4 Final target Mix JMF

Criteria		Results	NZTA M10 2020
Binder Content	(%)	6.4	5 – 7
Compaction Effort	(Cycles)	80	80
Compaction Temperature	(°C)	140 - 146	–
Air Voids @ 80 cycles	(%)	4.0	4.0 Target
Bulk SG		2.326	–
Bulk Density	(kg/m³)	2319	–
Maximum Theoretical Specific Gravity		2.423	–
Maximum Density	(kg/m³)	2416	–
Refusal Air Voids (250 cycles)	(%)	2.4	–
VMA	(%)	18.2	16.0 % Minimum
Effective Binder Content (Vbe)	(%)	14.1	–
Binder Film Index	(µm)	8.0	–
Tensile Strength Ratio (NSN24M-00178)	(%)	94.9	75 % Minimum

*Interpolated design points to target 4% air void.

MIX DESIGN SUMMARY & PRODUCTION TARGETS
Table 4 JMF Production Tolerance Limits

Sieve Size (mm)	Particle Size Distribution Acceptance Limits (% passing)*
9.5	100
6.7	82 – 98
4.75	71 – 87
2.36	46 – 62
1.18	27 – 43
0.600	19 – 31
0.300	13 – 25
0.150	10 – 16
0.075	6 – 12
Binder Content (%)	5.9 – 6.9
Air Voids (%)	3.0 – 6.0

*interpolated design points to target closest to 4% air voids

PRODUCTION TRIAL
Table 5 Production trial results

Test Report Reference	WEL24M-00784	
Sieve Size (mm)	Production Trial Particle Size Distribution	Acceptance Limits
9.5	100	100
6.7	89	82 – 98
4.75	76	71 – 87
2.36	51	46 – 62
1.18	33	27 – 43
0.600	23	19 – 31
0.300	17	13 – 25
0.150	11	10 – 16
0.075	7	6 – 12
Binder Content (%)	6.6	5.9 – 6.9
Air Voids (%)	4.1	3.0 – 5.0
Maximum SG	2.420	REPORT
Bulk SG	2.320	REPORT
Bulk Density	2313	REPORT

COMMENTS

AGGREGATE PROPERTIES

Aggregate Source Properties	Test Method Required	Test Results	Date tested	Laboratory Reference Number	NZTA M10 2020 Specified Limits
Coarse Aggregate Properties					
Crushing Resistance	NZS 4407 Test 3.10	5.7% (@230kN)	10/06/2024	KCL24-0321	< 10% Fines @ 200kN
Weathering Quality Index	NZS 4407 Test 3.11	AA	16/05/2024	AKL24-1136	AA or BA
Broken Face Content	NZS 4407 Test 3.14	Hard rock quarry, 100%			98% minimum
Polished Stone Value	BS EN 1097 Part 8	56	30/05/2024	CAN24S-08158	N/A
Los Angeles Abrasion Value (%)	AS 2758 Part 5 or NZS 4407 Test 3.12	15	03/07/2024	AKL24-1944	N/A
Wet/Dry Strength Variation (%)	AS 2758 Part 5	16	08/07/2024	AKL24-1944	N/A
Water Absorption (%)	AS1141 or ASTM C127	0.7	15/07/2024	WEL24S-01095	Report
Bulk SG and Density	AS1141 or ASTM C127	2.66 / 2652 (Grade 5)	15/07/2024	WEL24S-01095	Report
Fine Aggregate Properties					
Crushing Resistance – Parent Stone	NZS 4407 Test 3.10	5.7% (@230kN)	10/06/2024	KCL24-0321	< 10% Fines @ 200kN
Sand Equivalent	NZS 4407 Test 3.6	39	10/05/2024	WEL24-0382	35 minimum
Bulk SG and Density	AS1141 or ASTM C128	2.66 / 2652	17/07/2024	WEL24S-01096	Report
Water Absorption (%)	ASTM C128	0.7	17/07/2024	WEL24S-01096	Report