

Monday 25 May 2015

A partial refresh of the database health check has been completed to

1. Split Gisborne assets into Tairāwhiti Roads Northern and Tairāwhiti Roads Western
2. Update some measures

Excluded

Note that no updates for FWD or regional averages have been completed. Please refer to the original Gisborne area health check

DATABASE HEALTH INDEX - DASHBOARD

KEY: On or exceeding target
One grade, or between 0 and 15 below captured value
Greater than one grade, or 15 below captured value

Area: Tairawhiti Roads Western							
Date: 25/05/2015							
		Performance					
Category	Measures	Result	Measure	Expected Value	Category	Expected Value	
Carriageway Asset Inventory	Capital Projects	Major capital projects completed v RAMM (in last 6 -30 months)			see attached report		
		Minor capital or safety improvement projects v RAMM (in last 6 -30 months)			see attached report		
	Surfacing	% of Network surfaced in RAMM over previous 4 – 15 months	6.3%	Grade 2	Grade 1	100	81
		% Surfaces at least 50% older than expected age	0.0%	Grade 1	Grade 2		
		% of Network with no surfacing	0.0%	Grade 1	Grade 1		
		Illogical Records inc. % (SAC with chipseal, Low and high widths, Alignment of traffic volumes v pavement use)	0.0%	Grade 1	Grade 1		
	Pavement Layer	Proportion of Network with layer Information	96.9%	Grade 1	Grade 3	91	77
		New layer length in previous 6 – 30 months	4.2%	Grade 2	Grade 2		
		Illogical records (Pavement Layers v Incorrect Surfacing)	2.9%	Grade 1	Grade 1		
	Road Marking	Breakdown of road markings by type	see attached report			-	-
	Treatment Length	Proportion of very short (< 20m) TLs	0.0%	Grade 1	Grade 1	69	85
		Proportion of very long (> 2000m) TLs	0.7%	Grade 1	Grade 1		
		Proportion of TLs with < 80% coverage of major surfacing	13.7%	Grade 2	Grade 1		
		% updated in last 5 years	2.2%	Grade 5	Grade 2		
	Forward Works Programme	Date FWP last updated	17/10/2013	-	-	84	90
Proportion of network identified for treatment in next ten years (from FWP)		180.6%	Grade 1	Grade 2			
FWP v surfacings (% surfacings in last year conflicting with first 2 years of FWP excluding 2nd coats)		0.1%	Grade 1	Grade 1			
Evidence of active MIS strategy, reasons for treatments listed and detailed		53.2%	Grade 3	Grade 1			
Carriageway Rating	Percentage rated in last year	0.0%	Grade 5	Grade 1	0	90	
High Speed Data	% network meeting standards for roughness, rutting and texture (Roads surveyed in last year)	99.7%	Grade 1	Grade 1	79	90	
	% network meeting standards for FWD (Roads surveyed in last 5years)	38.3%	Grade 4	Grade 1			
	% network meeting standards for SCRIM (Roads surveyed in last year)	99.6%	Grade 1	Grade 1			
Maintenance Activity	Items per km for PA and SU cost groups in previous 4 – 15 months v Regional Average	42.9%	Grade 3	Grade 2	68	83	
	Spread of location in previous 4 - 15 months (proportion located at carriageway start)	1.7%	Grade 1	Grade 2			
	Distribution of maintenance patch sizes by Hierarchy	see attached report					
	Breakdown of Maintenance Cost Activities	see attached report					
Miscellaneous	% of Maintenance Activity where fault type is "Unknown"	15.7%	Grade 3	Grade 1			
	No. of test pits with layer data recorded	126	no.	-			
Traffic Count	No. of LTPP sites recorded in RAMM	2	no.	-			
	Latest ADT Counts	31/12/2014	-	-	98	70	
	Latest ADT Estimates	31/12/2014	-	-			
% loading estimate (i.e. not default)	98.4%	Grade 1	Grade 2				
Non-Carriageway Asset Inventory	Structures	No. of Pavement Type "Bridge" v No. of Bridges > 50m in length in BDS	0.0%	Grade 5	Grade 1	50	85
		No. Large Culverts v No. BDS	122.2%	Grade 1	Grade 2		
		Retaining Walls	0	no.	-		
		Gantries (see attached report for locations)	46	no.	-		
		Barriers in RAMM (m)	11665	m	-		
		End Treatments in RAMM	see attached report				
	Drainage	Culverts per km v Regional Average (Rural)	34.6%	Grade 4	Grade 2	23	80
		Catchpits per km v Regional Average (Urban)	6.1%	Grade 5	Grade 2		
		Manholes per km v Regional Average (Urban)	0.0%	Grade 5	Grade 2		
		Subsoil Drains per km v Regional Average (Rural)	73.8%	Grade 2	Grade 2		
		% of Drainage (Construction Date in previous 4 – 15 months)	0.0%	Grade 4	Grade 2		
	Surface Water Channels	Surfaced SWC per km v Regional Average (Urban)	21.1%	Grade 4	Grade 2	34	77
		Earth SWC per km v Regional Average (Rural)	41.5%	Grade 3	Grade 2		
		Sealed SWC renewal activity (Construction Date in previous 4 – 27 months)	1.6%	Grade 3	Grade 2		
	Signs	Signs per km v Regional Average	30.6%	Grade 4	Grade 2	42	78
		Large Signs >4.0m ² (see attached report for quantity by type)	22	no.	-		
		ITS VMS	2	no.	-		
		% of Signs with renewal date in last 4 - 15 months	3.5%	Grade 3	Grade 2		
		No. Frangible bases in RAMM (no posts in RAMM)	0	no.	-		
	Streetlights	Streetlights per km v Regional Average	0.0%	Grade 5	Grade 2	33	82
		Frangible Base type no.	0	no.	-		
		Shear Base type no.	46	no.	-		
		% of Streetlight Poles with renewal date in last 4 – 15 months	0.0%	Grade 4	Grade 2		
		Duplicates or near duplicates plus poles with no light or bracket	0.0%	Grade 1	Grade 1		
	Footpaths & Cycleways	Total length of Footpath and Cycleways (see attached tables for listings)	see attached report			-	-
Signal Controlled Intersections	Signal Controlled Intersections (see attached report for locations)	0	no.	-	-	-	
Rest Areas	Number of rest areas	0	no.	-	-	-	
Weigh Stations	Number of Weigh Stations (see attached report for locations)	3	no.	-	-	-	

DATABASE HEALTH INDEX DASHBOARD - REPORTS

Tairawhiti Roads

Area: **Western**

Date: **25/05/2015**

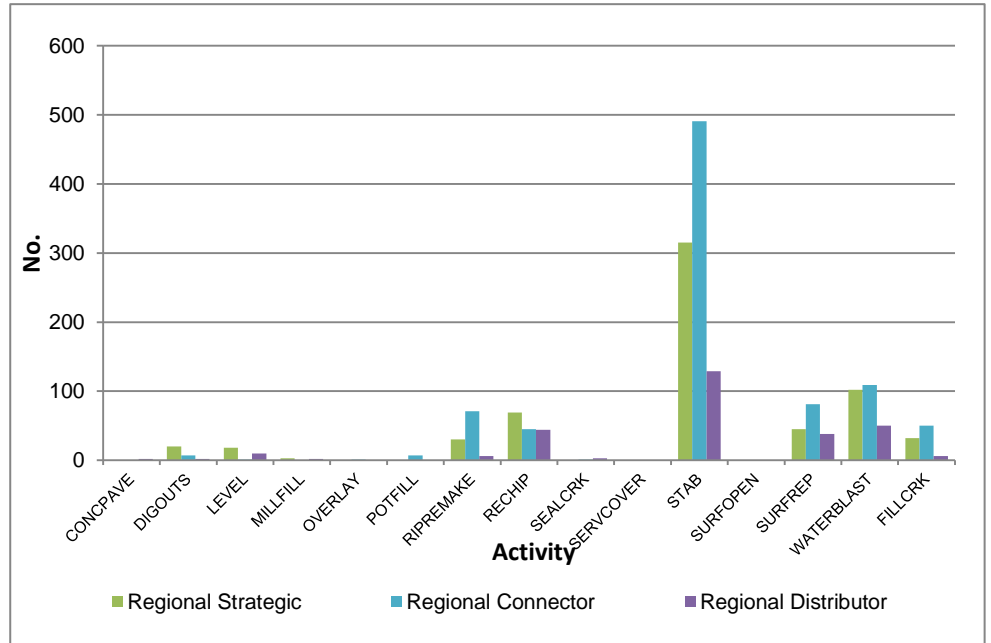
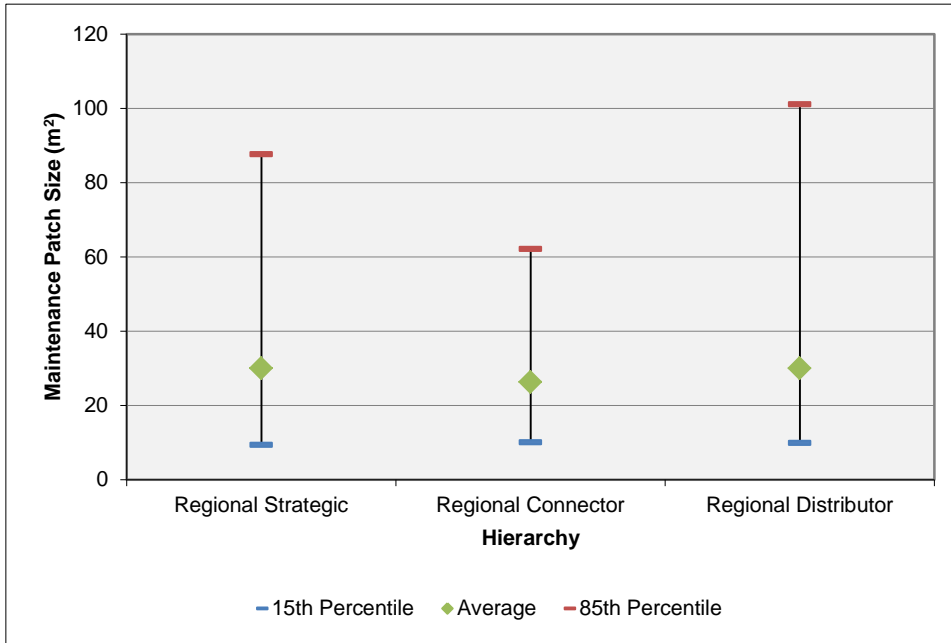
Breakdown of 10 Year FWP by Treatment Type

Signalised Intersections in RAMM

None

Distribution of maintenance patch sizes by Hierarchy

Breakdown of Maintenance Cost Activities last 3 years



Large Signs >4.0m²

End Treatments in RAMM

Sign Type	No.
sign_type	sign_num
Advance direction (Map) - "T" or cross roads	5
Advance direction (Map) - Roundabout	2
Confirmation Destination	2
Information (Miscellaneous Sign) - User Defined	1
ROAD INFORMATION	1
Speed Limit 100km/h	2
Threshold Sign - Place Name + Speed Limit	8
Welcome To	1
Total	22

End Treatment Type	No.
Armorflex X 350	11
Buried in Back Slope	1
Breakaway Cable Terminal (Bull Nose)	19
Bridge Plate/Bridge Connector	42
ET2000	41
Fishtail/Butterfly end	2
Fleat 350	6
Not Applicable	7
Terminal end	1
Trailing End Terminal	2
Total	132

Breakdown of road markings by type

Weigh Stations

Please note that NZTA does not require recording of standard centerline and edgeline lengths and therefore these quantities may not include some or all of these items

Marking Material	length (m)
Cold Applied Plastic	2,812
Raised Pavement Marker	475
Paint	198,007
Reflectorised Paint	22,155
Unknown	238,147

Road Name	Location	Side
002-0429	2330	Left
002-0443	3400	Left
035-0321	830	Left
Total		3

Footpath and CycleWays

Gantries

None

None