



APPENDICES

**INFRASTRUCTURE
SERVICES
DIRECTORATE**

**ORDINARY COUNCIL
MEETING**

To Be Held

Wednesday, 23rd of November 2022

Commencing at 5.00pm

At

Shire of Dardanup - Administration Centre Eaton
1 Council Drive – EATON

This document is available in alternative formats such as:

- ~ Large Print
- ~ Electronic Format [disk or emailed]
Upon request.

[Appendix ORD: 12.3.1]

RISK ASSESSMENT TOOL

OVERALL RISK EVENT: RFT F0256499 – Bituminous and Asphalt Surfacing

RISK THEME PROFILE:

1 - Asset Sustainability Practices
13 - Project/Change Management

14 - Safety and Security Practices
15 - Supplier and Contract Management

RISK ASSESSMENT CONTEXT:

CONSEQUENCE CATEGORY	RISK EVENT	PRIOR TO TREATMENT OR CONTROL			RISK ACTION PLAN (Treatment or controls proposed)	AFTER TREATMENT OR CONTROL		
		CONSEQUENCE	LIKELIHOOD	INHERENT RISK RATING		CONSEQUENCE	LIKELIHOOD	RESIDUAL RISK RATING
HEALTH	Employee/Contractor is injured or killed during project or maintenance works	Catastrophic (5)	Possible (3)	High (12 - 19)	WHS Plans employed by Contractor TMP in place for each job	Major (4)	Possible (3)	High (12 - 19)
FINANCIAL IMPACT	Project or maintenance costs exceed budget	Moderate (3)	Possible (3)	Moderate (5 - 11)	All works are quoted and assessed for affordability prior to procurement	Minor (2)	Unlikely (2)	Low (1 - 4)
SERVICE INTERRUPTION	Works disrupt road and pedestrian traffic	Minor (2)	Almost Certain (5)	Moderate (5 - 11)	TMP in place for each job Options for weekend or night work on major roads	Minor (2)	Possible (3)	Moderate (5 - 11)
LEGAL AND COMPLIANCE	Contract disputes	Moderate (3)	Unlikely (2)	Moderate (5 - 11)	Maintain good working relationships Identify and resolve potential disputes early	Minor (2)	Unlikely (2)	Low (1 - 4)
REPUTATIONAL	Poor workmanship, construction, product quality or project management	Moderate (3)	Possible (3)	Moderate (5 - 11)	Maintain contract quality arrangements and intervene early on issues	Minor (2)	Unlikely (2)	Low (1 - 4)
ENVIRONMENT	Waste products incorrectly disposed on site, including contamination of waterways	Moderate (3)	Unlikely (2)	Moderate (5 - 11)	Maintain good onsite WHS and environmental practices	Minor (2)	Rare (1)	Low (1 - 4)

[Appendix ORD: 12.3.2A]

RISK ASSESSMENT TOOL								
OVERALL RISK EVENT: Installation of Speed Indication Devices RISK THEME PROFILE: 1 - Asset Sustainability Practices RISK ASSESSMENT CONTEXT: Strategic								
CONSEQUENCE CATEGORY	RISK EVENT	PRIOR TO TREATMENT OR CONTROL			RISK ACTION PLAN (Treatment or controls proposed)	AFTER TREATMENT OR CONTROL		
		CONSEQUENCE	LIKELIHOOD	INHERENT RISK RATING		CONSEQUENCE	LIKELIHOOD	RESIDUAL RISK RATING
HEALTH	Failure to investigate community concerns of speeding.	Minor (2)	Possible (3)	Moderate (5 - 11)	Support the installation of Speed Indication Devices throughout the community to assist in addressing driver behaviour.	Minor (2)	Unlikely (2)	Low (1 - 4)
FINANCIAL IMPACT	No risk event identified.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.
SERVICE INTERRUPTION	No risk event identified.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.
LEGAL AND COMPLIANCE	No risk event identified.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.
REPUTATIONAL	Failure to investigate community concerns of speeding.	Minor (2)	Possible (3)	Moderate (5 - 11)	Support the installation of Speed Indication Devices throughout the community to assist in addressing driver behaviour.	Minor (2)	Unlikely (2)	Low (1 - 4)
ENVIRONMENT	No risk event identified.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.

[Appendix ORD: 12.3.2B]



Hayward St SLK 0.25

MetroCount Traffic Executive **Speed Statistics by Hour**

SpeedStatHour-7 -- English (ENA)

Datasets:

Site: [Hayward-01] Hayward St - btw Little St & Brett Pl Dardanup
Attribute: [-33.400603 +115.756700]
Direction: 8 - East bound A>B, West bound B>A. **Lane:** 0
Survey Duration: 10:19 Monday, 8 August 2022 => 13:10 Tuesday, 23 August 2022,
Zone:
File: Hayward-01 0 2022-08-23 1311.EC0 (Plus)
Identifier: R6508VWB MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default axle (v4.06)
Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 10:20 Monday, 8 August 2022 => 13:10 Tuesday, 23 August 2022 (15.1187)
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
Speed range: 10 - 160 km/h.
Direction: North, East, South, West (bound), P = East
Separation: Headway > 0 sec, Span 0 - 100 metre
Name: Default Profile
Scheme: Vehicle classification (AustRoads94)
Units: Metric (metre, kilometre, m/s, km/h, kg, tonne)
In profile: Vehicles = 9533 / 9544 (99.88%)

Hayward St SLK 0.25

Speed Statistics by Hour

SpeedStatHour-7

Site: Hayward-01.0.1EW
Description: Hayward St - btw Little St & Brett PI Dardanup
Filter time: 10:20 Monday, 8 August 2022 => 13:10 Tuesday, 23 August 2022
Scheme: Vehicle classification (AustRoads94)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12) Dir(NESW) Sp(10,160) Headway(>0) Span(0 - 100)

Vehicles = 9533

Posted speed limit = 50 km/h, Exceeding = 3514 (36.86%), Mean Exceeding = 55.15 km/h

Maximum = 83.2 km/h, **Minimum** = 10.7 km/h, **Mean** = 45.9 km/h

85% Speed = 54.7 km/h, **95% Speed** = 59.8 km/h, **Median** = 47.2 km/h

20 km/h Pace = 39 - 59, **Number in Pace** = 6949 (72.89%)

Variance = 96.94, **Standard Deviation** = 9.85 km/h

Hour Bins (Partial days)

Time	Bin		Min	Max	Mean	Median	85%	95%	>PSL 50 km/h	
0000	5	0.1%	43.3	54.8	48.8	48.2	49.0	54.7	1	20.0%
0100	9	0.1%	26.7	56.8	41.7	43.6	54.4	56.5	3	33.3%
0200	15	0.2%	32.5	52.1	47.9	48.2	50.4	50.8	4	26.7%
0300	11	0.1%	30.3	77.3	64.1	67.3	70.9	70.9	10	90.9%
0400	57	0.6%	33.8	71.0	49.4	48.6	55.1	58.0	24	42.1%
0500	115	1.2%	29.0	63.0	47.2	49.0	54.7	56.9	50	43.5%
0600	190	2.0%	14.4	74.5	47.5	48.2	57.6	61.6	84	44.2%
0700	603	6.3%	17.0	73.5	46.9	47.9	54.0	58.3	239	39.6%
0800	1392	14.6%	19.0	72.5	46.5	47.9	54.7	59.0	501	36.0%
0900	580	6.1%	12.7	72.2	44.8	46.4	54.7	59.4	198	34.1%
1000	572	6.0%	11.3	70.6	45.2	46.8	55.1	59.8	208	36.4%
1100	635	6.7%	12.9	68.5	44.4	46.1	54.0	60.1	206	32.4%
1200	594	6.2%	11.0	77.2	44.4	46.1	54.7	59.0	220	37.0%
1300	504	5.3%	17.5	76.4	45.0	46.8	54.4	60.5	172	34.1%
1400	931	9.8%	14.7	83.2	45.9	47.2	54.4	58.3	326	35.0%
1500	1150	12.1%	10.7	76.5	46.4	47.5	55.1	59.4	441	38.3%
1600	682	7.2%	16.1	78.4	47.0	47.9	55.4	60.5	274	40.2%
1700	671	7.0%	11.3	73.9	46.2	47.5	54.7	58.7	254	37.9%
1800	366	3.8%	16.8	73.6	45.5	46.1	55.1	60.5	122	33.3%
1900	192	2.0%	12.9	79.5	46.6	49.3	56.9	62.3	88	45.8%
2000	126	1.3%	17.6	70.2	45.0	45.4	57.2	61.2	44	34.9%
2100	67	0.7%	18.7	64.5	44.2	45.7	52.6	61.6	20	29.9%
2200	40	0.4%	23.2	65.2	47.4	48.6	52.9	56.2	16	40.0%
2300	26	0.3%	34.3	82.4	47.7	45.4	54.0	62.3	9	34.6%
----	9533	100.0%	10.7	83.2	45.9	47.2	54.7	59.8	3514	36.9%

Ferguson Rd SLK 0.28

MetroCount Traffic Executive **Speed Statistics by Hour**

SpeedStatHour-1 -- English (ENA)

Datasets:

Site: [Ferguson-01] Ferguson Rd - west of Little St
Attribute: [-33.397755 +115.755978]
Direction: 8 - East bound A>B, West bound B>A. **Lane:** 0
Survey Duration: 10:00 Monday, 8 August 2022 => 13:03 Tuesday, 23 August 2022,
Zone:
File: Ferguson-01 0 2022-08-23 1303.EC0 (Plus)
Identifier: FQ89MEQ9 MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default axle (v4.06)
Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 10:01 Monday, 8 August 2022 => 13:03 Tuesday, 23 August 2022 (15.1268)
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
Speed range: 10 - 160 km/h.
Direction: North, East, South, West (bound), P = East
Separation: Headway > 0 sec, Span 0 - 100 metre
Name: Default Profile
Scheme: Vehicle classification (AustRoads94)
Units: Metric (metre, kilometre, m/s, km/h, kg, tonne)
In profile: Vehicles = 35853 / 35907 (99.85%)

Ferguson Rd SLK 0.28

Speed Statistics by Hour

SpeedStatHour-1

Site: Ferguson-01.0.1EW
Description: Ferguson Rd - west of Little St
Filter time: 10:01 Monday, 8 August 2022 => 13:03 Tuesday, 23 August 2022
Scheme: Vehicle classification (AustRoads94)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12) Dir(NESW) Sp(10,160) Headway(>0) Span(0 - 100)

Vehicles = 35853

Posted speed limit = 60 km/h, Exceeding = 3270 (9.12%), Mean Exceeding = 64.88 km/h

Maximum = 120.0 km/h, **Minimum** = 11.7 km/h, **Mean** = 48.3 km/h

85% Speed = 57.2 km/h, **95% Speed** = 62.6 km/h, **Median** = 48.6 km/h

20 km/h Pace = 39 - 59, **Number in Pace** = 26180 (73.02%)

Variance = 90.42, **Standard Deviation** = 9.51 km/h

Hour Bins (Partial days)

Time	Bin		Min	Max	Mean	Median	85%	95%	>PSL 60 km/h	
0000	60	0.2%	32.8	88.2	54.2	52.2	62.3	72.0	14	23.3%
0100	39	0.1%	28.3	76.8	57.9	58.0	67.7	71.6	18	46.2%
0200	47	0.1%	39.7	93.8	58.6	59.0	65.5	71.3	22	46.8%
0300	94	0.3%	28.2	83.4	56.4	56.5	68.0	73.4	42	44.7%
0400	326	0.9%	23.8	102.4	58.2	58.3	66.6	73.4	130	39.9%
0500	674	1.9%	18.0	95.4	58.3	57.2	68.4	76.0	266	39.5%
0600	1038	2.9%	23.3	89.0	53.9	54.0	61.9	68.8	226	21.8%
0700	1811	5.1%	14.4	89.6	47.5	47.2	56.2	61.6	128	7.1%
0800	2973	8.3%	12.7	78.7	42.6	41.4	50.8	57.6	93	3.1%
0900	2560	7.1%	16.8	85.0	48.6	49.0	56.5	61.2	200	7.8%
1000	2931	8.2%	11.9	83.8	48.1	48.6	55.8	60.1	162	5.5%
1100	3049	8.5%	12.3	79.7	48.9	49.3	56.9	61.6	235	7.7%
1200	3005	8.4%	16.1	76.1	49.0	49.3	57.2	61.6	258	8.6%
1300	2754	7.7%	15.7	78.0	49.0	49.3	56.5	60.8	189	6.9%
1400	3134	8.7%	11.7	95.0	45.7	45.7	54.4	59.4	149	4.8%
1500	3582	10.0%	13.2	82.0	42.4	41.4	51.8	58.0	112	3.1%
1600	2893	8.1%	20.3	82.6	50.8	51.1	58.7	63.4	316	10.9%
1700	2343	6.5%	18.3	82.8	51.8	52.2	59.8	64.4	338	14.4%
1800	1161	3.2%	19.3	81.4	51.2	51.5	59.0	65.2	149	12.8%
1900	565	1.6%	13.9	85.1	50.9	51.5	60.5	65.9	95	16.8%
2000	409	1.1%	22.2	120.0	49.6	50.4	59.0	64.4	45	11.0%
2100	203	0.6%	23.7	83.6	52.2	51.1	61.6	73.8	36	17.7%
2200	122	0.3%	27.7	82.6	53.4	52.6	63.7	68.0	31	25.4%
2300	80	0.2%	26.2	105.6	53.9	52.2	65.2	73.1	16	20.0%
----	35853	100.0%	11.7	120.0	48.3	48.6	57.2	62.6	3270	9.1%

MetroCount Traffic Executive Speed Statistics by Hour

Ferguson Rd SLK 0.52

SpeedStatHour-2 -- English (ENA)

Datasets:

Site: [Ferguson-02] Ferguson Rd - west of Recreation Rd
Attribute: [-33.397987 +115.758740]
Direction: 8 - East bound A>B, West bound B>A. **Lane:** 0
Survey Duration: 10:09 Monday, 8 August 2022 => 13:06 Tuesday, 23 August 2022,
Zone:
File: Ferguson-02 0 2022-08-23 1306.EC0 (Plus)
Identifier: FS310PTZ MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default axle (v4.06)
Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 10:10 Monday, 8 August 2022 => 13:06 Tuesday, 23 August 2022 (15.1228)
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
Speed range: 10 - 160 km/h.
Direction: North, East, South, West (bound), P = East
Separation: Headway > 0 sec, Span 0 - 100 metre
Name: Default Profile
Scheme: Vehicle classification (AustRoads94)
Units: Metric (metre, kilometre, m/s, km/h, kg, tonne)
In profile: Vehicles = 34227 / 34255 (99.92%)

Ferguson Rd SLK 0.52

Speed Statistics by Hour

SpeedStatHour-2

Site: Ferguson-02.0.1EW
Description: Ferguson Rd - west of Recreation Rd
Filter time: 10:10 Monday, 8 August 2022 => 13:06 Tuesday, 23 August 2022
Scheme: Vehicle classification (AustRoads94)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12) Dir(NESW) Sp(10,160) Headway(>0) Span(0 - 100)

Vehicles = 34227

Posted speed limit = 60 km/h, Exceeding = 10285 (30.05%), Mean Exceeding = 65.26 km/h

Maximum = 151.4 km/h, Minimum = 11.9 km/h, Mean = 56.3 km/h

85% Speed = 63.4 km/h, 95% Speed = 69.1 km/h, Median = 56.2 km/h

20 km/h Pace = 46 - 66, Number in Pace = 28059 (81.98%)

Variance = 69.35, Standard Deviation = 8.33 km/h

Hour Bins (Partial days)

Time	Bin		Min	Max	Mean	Median	85%	95%	>PSL 60 km/h	
0000	56	0.2%	42.5	96.6	62.4	61.6	70.2	77.4	34	60.7%
0100	41	0.1%	39.9	98.2	65.4	63.7	74.5	83.9	31	75.6%
0200	49	0.1%	35.2	92.0	63.8	65.5	75.2	80.3	33	67.3%
0300	97	0.3%	19.4	94.2	60.9	59.8	73.8	83.5	49	50.5%
0400	338	1.0%	21.7	99.6	62.1	62.6	70.9	76.7	209	61.8%
0500	667	1.9%	19.7	107.6	63.2	62.3	71.6	79.9	417	62.5%
0600	1037	3.0%	25.3	101.1	59.8	59.0	67.7	76.0	475	45.8%
0700	1841	5.4%	18.7	110.2	56.8	56.5	63.4	69.1	568	30.9%
0800	2687	7.9%	16.3	93.2	55.2	55.4	61.9	67.0	648	24.1%
0900	2475	7.2%	12.0	115.3	55.1	55.4	62.6	67.7	626	25.3%
1000	2719	7.9%	14.6	90.6	54.7	55.1	61.9	67.0	643	23.6%
1100	2901	8.5%	16.9	95.4	55.5	55.8	62.6	67.7	803	27.7%
1200	2879	8.4%	11.9	87.4	55.8	56.2	63.0	67.0	834	29.0%
1300	2624	7.7%	16.2	87.3	55.6	55.8	62.3	67.3	676	25.8%
1400	2966	8.7%	16.5	93.6	55.2	55.4	62.3	66.2	720	24.3%
1500	3352	9.8%	13.7	128.0	54.8	54.7	61.6	66.2	766	22.9%
1600	2858	8.4%	16.7	99.9	56.7	56.9	63.7	68.4	931	32.6%
1700	2224	6.5%	30.2	96.9	58.1	58.0	65.2	69.8	880	39.6%
1800	1114	3.3%	22.3	89.0	57.8	57.2	64.8	70.6	401	36.0%
1900	535	1.6%	34.4	96.1	58.5	58.3	66.6	72.7	220	41.1%
2000	364	1.1%	25.9	151.4	57.6	57.6	65.5	70.6	141	38.7%
2100	210	0.6%	29.1	96.6	59.0	58.0	68.8	78.5	88	41.9%
2200	120	0.4%	39.6	88.3	60.6	58.7	69.8	79.2	58	48.3%
2300	73	0.2%	36.0	113.2	61.8	58.7	70.2	77.8	34	46.6%
----	34227	100.0%	11.9	151.4	56.3	56.2	63.4	69.1	10285	30.0%

[Appendix ORD: 12.3.3]

RISK ASSESSMENT TOOL								
OVERALL RISK EVENT: Eaton Skate Park Project Closure Report RISK THEME PROFILE: 1 - Asset Sustainability Practices RISK ASSESSMENT CONTEXT: Strategic								
CONSEQUENCE CATEGORY	RISK EVENT	PRIOR TO TREATMENT OR CONTROL			RISK ACTION PLAN (Treatment or controls proposed)	AFTER TREATMENT OR CONTROL		
		CONSEQUENCE	LIKELIHOOD	INHERENT RISK RATING		CONSEQUENCE	LIKELIHOOD	RESIDUAL RISK RATING
HEALTH	No risk event identified.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.
FINANCIAL IMPACT	Risk of CCTV and Playground Fencing exceeding budget	Minor (2)	Possible (3)	Moderate (5 - 11)	Adhere to Shire Procurement Policy and manage expenditure within budget.	Minor (2)	Rare (1)	Low (1 - 4)
SERVICE INTERRUPTION	No risk event identified.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.
LEGAL AND COMPLIANCE	No risk event identified.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.
REPUTATIONAL	Failure to investigate community concerns of antisocial behaviour at the skate park and vandalism in the playground.	Moderate (3)	Possible (3)	Moderate (5 - 11)	Support the installation of CCTV in the skate park and replacement of the playground fence with more durable fencing,.	Moderate (3)	Unlikely (2)	Moderate (5 - 11)
ENVIRONMENT	No risk event identified.	Not Required - No Risk Identified	N/A	N/A	Not required.	Not required.	Not required.	Not required.

