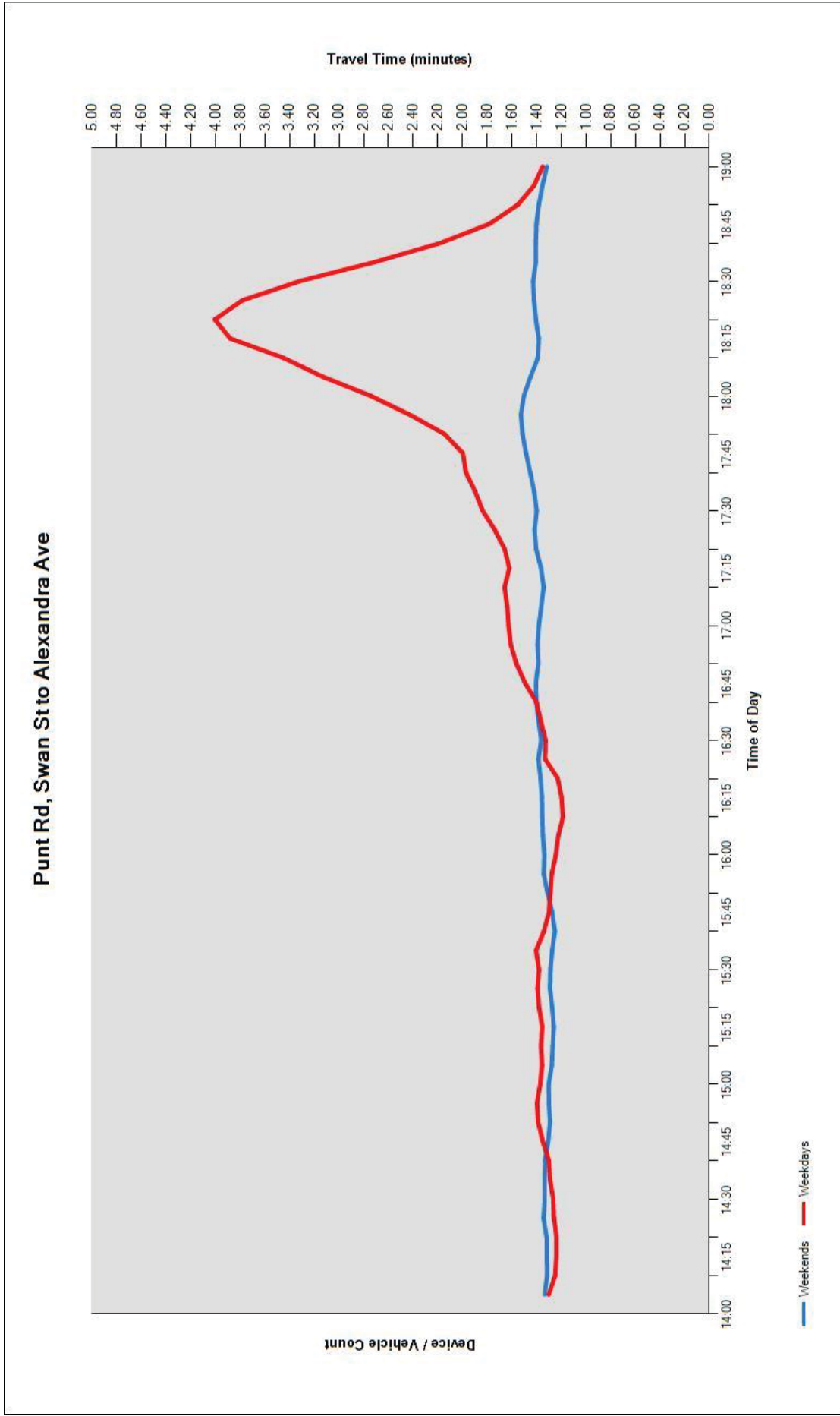
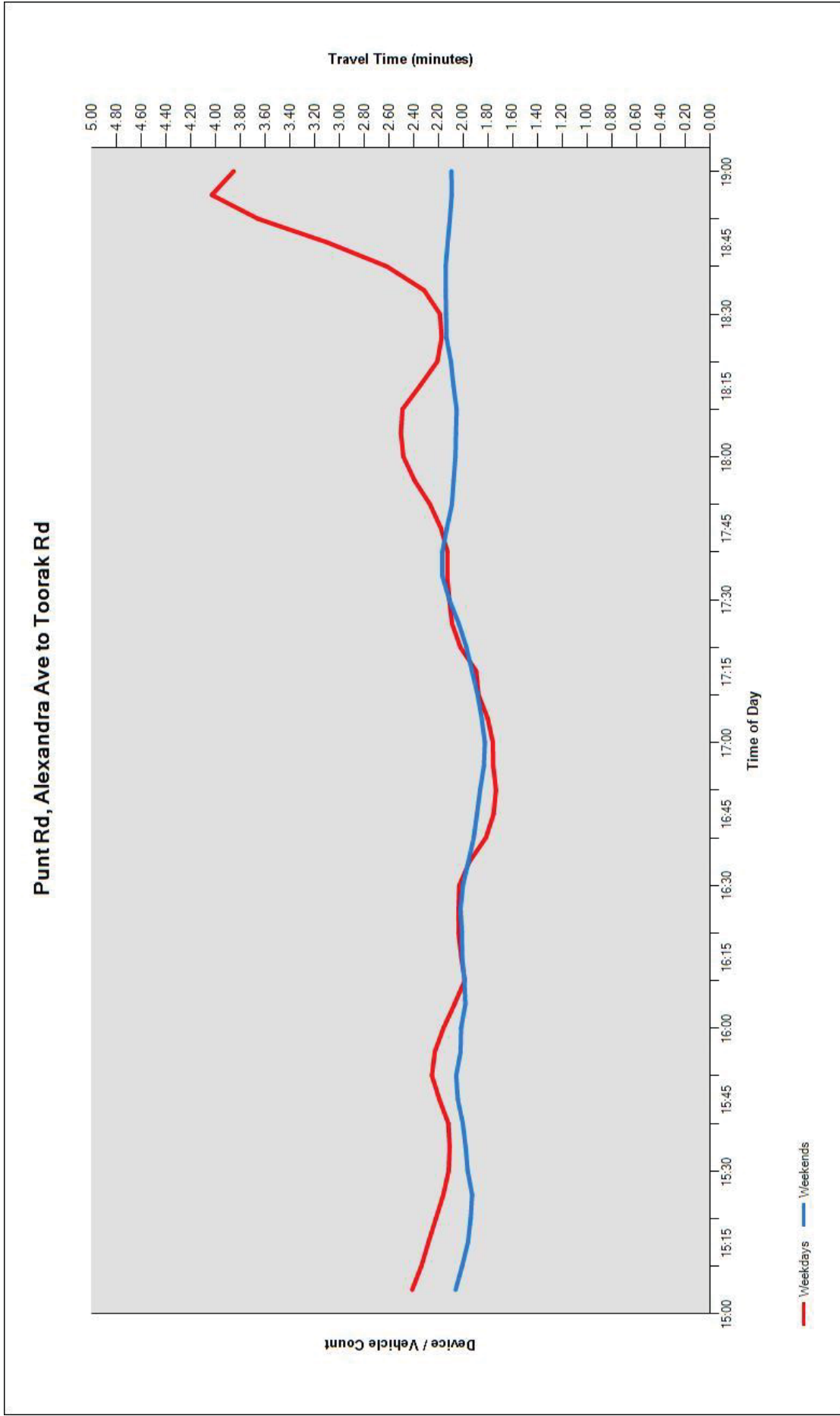


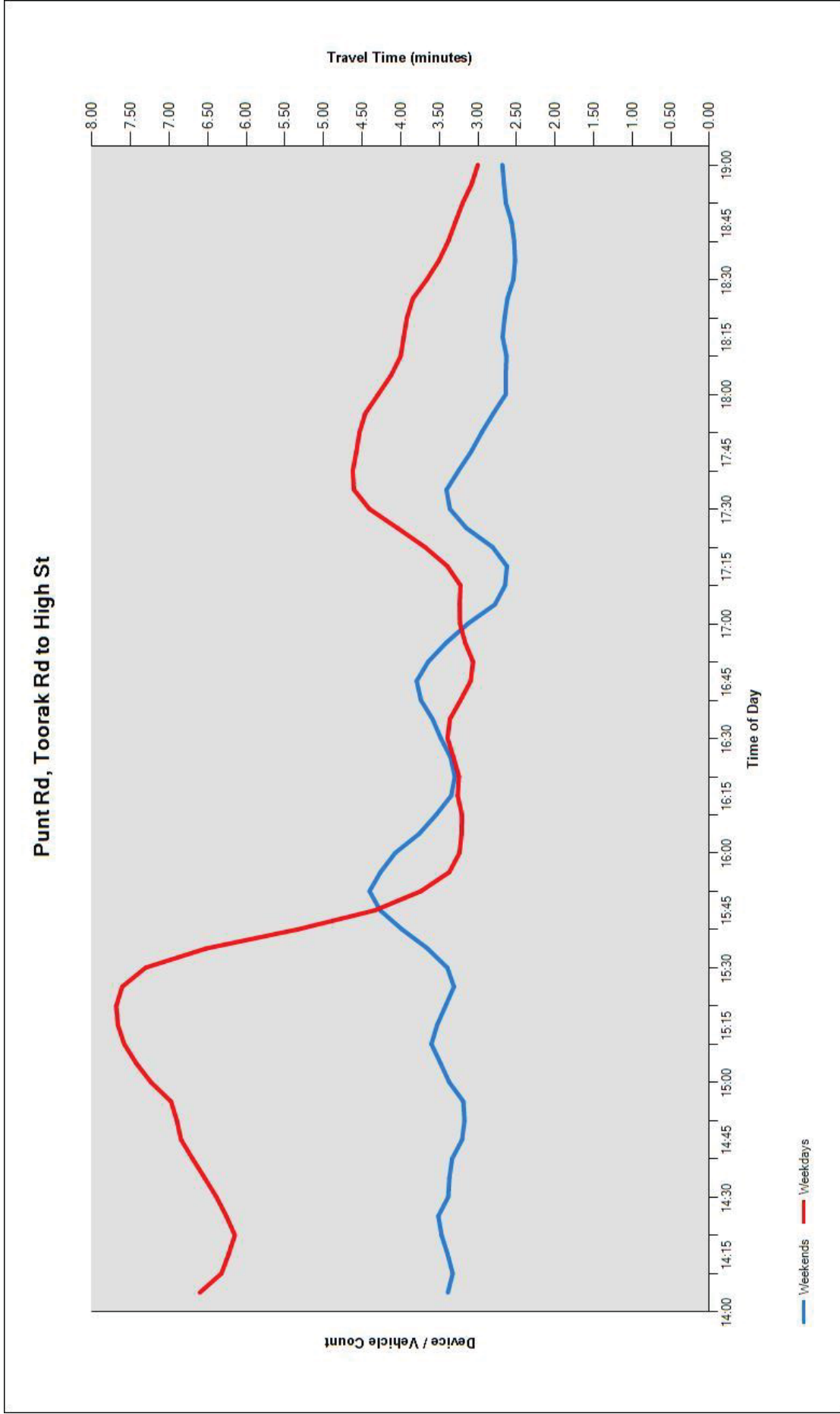
Line Graph 5: Punt Road, Swan Street to Alexandra Avenue, 2pm to 7pm



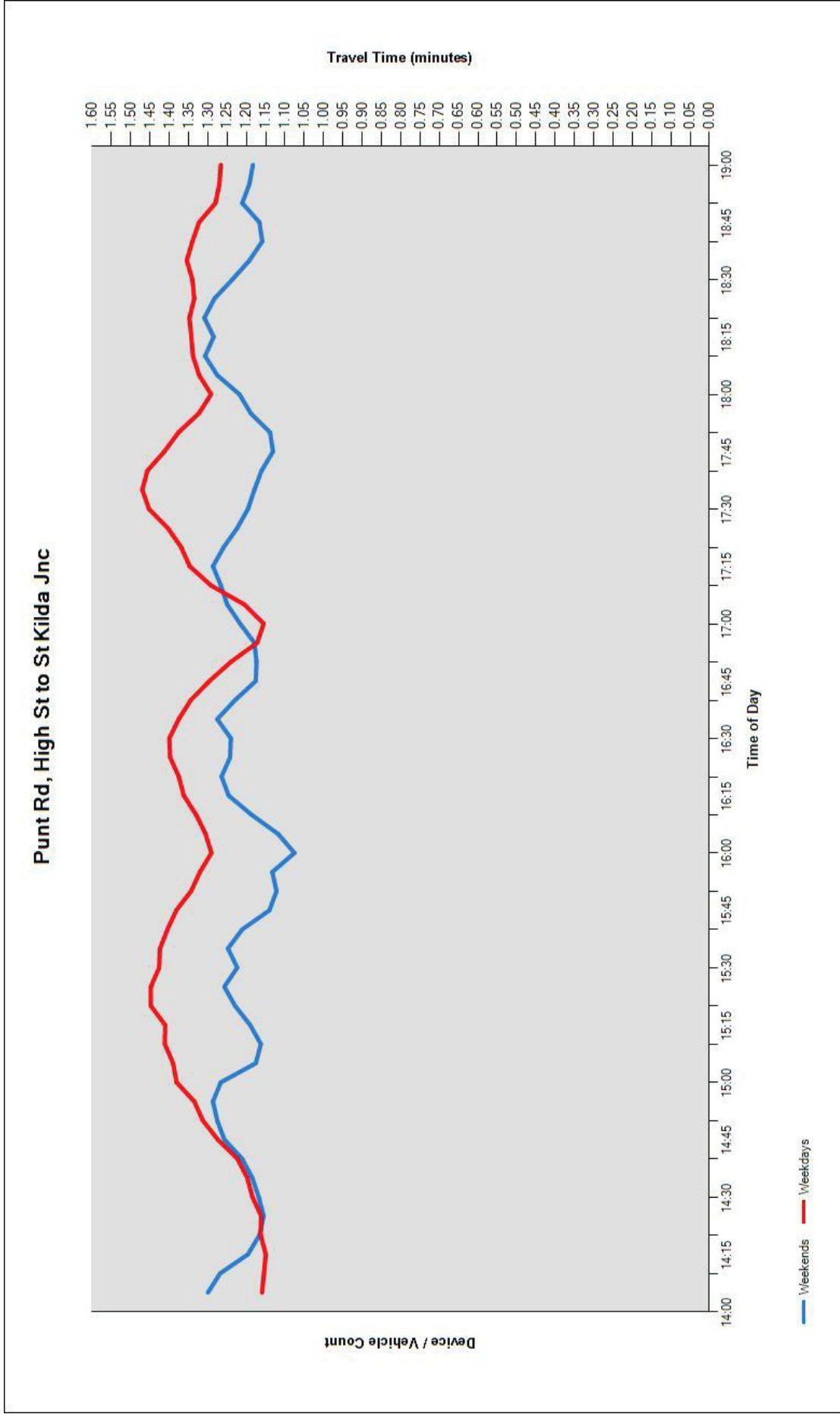
Line Graph 6: Punt Road, Alexandra Avenue to Toorak Avenue, 3pm to 7pm



Line Graph 7: Punt Road, Toorak Road to High Street, 2pm to 7pm



Line Graph 8: Punt Road, High Street to St Kilda Junction, 2pm to 7pm



## ATTACHMENT D – TRAVEL TIME SURVEY OUTPUT



**Client:** VicRoads NW

**Job:** Punt Road Traffic Count

**Locations:** Punt Rd Btw Alexandra Ave and St Kilda Rd

**Date:** Wednesday 11/03/2015

**Weather:** Fine.

	Weekday		Weekday	
	North Direction	South Direction	North Direction	South Direction
	AM	AM	PM	PM
<b>Average Travel Time (hh:mm:ss)</b>	0:13:43	0:06:48	0:07:37	0:07:59
<b>Max Travel Time (hh:mm:ss)</b>	0:18:59	0:08:11	0:09:52	0:09:09
<b>Min Travel Time (hh:mm:ss)</b>	0:06:44	0:05:35	0:06:49	0:07:02
<b>Sample Size</b>	4	5	5	5
<b>Std Deviation (hh:mm:ss)</b>	0:06:04	0:01:00	0:01:17	0:01:03
<b>85th%ile (hh:mm:ss)</b>	0:18:49	0:07:33	0:08:28	0:09:06

	Weekday		Weekday	
	North Direction	South Direction	North Direction	South Direction
	AM	AM	PM	PM
<b>Average Distance (km)</b>	2.791	2.820	2.791	2.820
<b>Max Distance (km)</b>	2.791	2.820	2.791	2.820
<b>Min Distance (km)</b>	2.791	2.820	2.791	2.820
<b>Sample Size</b>	4	5	5	5
<b>Std Deviation (km)</b>	0.000	0.000	0.000	0.000
<b>85th%ile (km)</b>	2.791	2.820	2.791	2.820

	Weekday		Weekday	
	North Direction	South Direction	North Direction	South Direction
	AM	AM	PM	PM
<b>Average Speed (km/h)</b>	14.64	25.32	22.42	21.48
<b>Max Speed (km/h)</b>	45.85	43.52	53.68	45.52
<b>Min Speed (km/h)</b>	8.58	13.10	14.04	10.50
<b>Sample Size</b>	4	5	5	5
<b>Std Deviation (km/h)</b>	7.57	3.69	3.19	2.76
<b>85th%ile (km/h)</b>	41.18	42.76	45.38	43.07



**Client:** VicRoads NW

**Job:** Punt Road Traffic Count

**Locations:** Punt Rd Btw Alexandra Ave and St Kilda Rd

**Date:** Thursday 12/03/2015

**Weather:** Fine.

	Weekday		Weekday	
	North Direction	South Direction	North Direction	South Direction
	AM	AM	PM	PM
<b>Average Travel Time (hh:mm:ss)</b>	0:17:03	0:07:09	0:14:47	0:07:35
<b>Max Travel Time (hh:mm:ss)</b>	0:21:00	0:07:46	0:40:23	0:09:03
<b>Min Travel Time (hh:mm:ss)</b>	0:13:06	0:06:20	0:05:52	0:05:56
<b>Sample Size</b>	4	4	5	5
<b>Std Deviation (hh:mm:ss)</b>	0:03:14	0:00:42	0:14:37	0:01:23
<b>85th%ile (hh:mm:ss)</b>	0:19:21	0:07:44	0:24:13	0:09:01

	Weekday		Weekday	
	North Direction	South Direction	North Direction	South Direction
	AM	AM	PM	PM
<b>Average Distance (km)</b>	2.791	2.820	2.791	2.820
<b>Max Distance (km)</b>	2.791	2.820	2.791	2.820
<b>Min Distance (km)</b>	2.791	2.820	2.791	2.820
<b>Sample Size</b>	4	4	5	5
<b>Std Deviation (km)</b>	0.000	0.000	0.000	0.000
<b>85th%ile (km)</b>	2.791	2.820	2.791	2.820

	Weekday		Weekday	
	North Direction	South Direction	North Direction	South Direction
	AM	AM	PM	PM
<b>Average Speed (km/h)</b>	10.10	23.87	18.50	22.91
<b>Max Speed (km/h)</b>	50.89	40.83	46.49	50.07
<b>Min Speed (km/h)</b>	5.44	13.03	13.76	12.76
<b>Sample Size</b>	4	4	5	5
<b>Std Deviation (km/h)</b>	1.99	2.40	10.04	4.21
<b>85th%ile (km/h)</b>	27.81	40.15	42.74	47.89

## ATTACHMENT E – RCIS SUMMARY OUTPUT





- 38 16-N-130 07/08/09 Fri Dark 1:50:00 PM Dry Other injury
- 37 16-S-500 10 15/05/10 Thu Day 7:50:00 PM Wet Other injury
- 36 16-N-100 12/03/10 Fri Day 12:10:00 PM Dry Wet Other injury
- 35 16-N-101 26/03/10 Fri Day 11:35:00 AM Dry Fatal injury
- 34 16-N-101 26/03/10 Sat Day 8:43:00 AM Dry Other injury
- 33 16-N-101 09/06/10 Wed Day 8:50:00 AM Dry Other injury
- 32 16-E-124 130 21/10/10 Thu Day 9:00:00 AM Wet Other injury
- 31 50-V-100 25/02/11 Sat Day 9:20:00 PM Wet Other injury
- 30 50-V-100 10/06/11 Wed Day 1:52:00 PM Wet Other injury
- 29 50-V-100 10/06/11 Wed Day 7:57:00 AM Dry Other injury
- 28 16-E-124 130 11/11/11 Fri Dark 8:25:00 PM Dry Other injury
- 27 16-E-124 130 11/11/11 Fri Dark 8:25:00 PM Dry Other injury
- 26 16-N-101 15/03/12 Mon Day 2:40:00 PM Dry Other injury
- 25 16-N-101 15/03/12 Mon Day 8:19:00 AM Dry Other injury
- 24 16-N-101 21/03/12 Thu Day 8:30:00 PM Dry Serious injury
- 23 16-N-101 09/04/13 Tue Day 3:55:00 PM Dry Serious injury
- 22 16-S-500 13 13/04/13 Fri Dark 4:30:00 AM Dry Other injury
- 21 16-S-171 18/05/13 Sat Day 12:10:00 PM Wet Other injury
- 20 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 19 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 18 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 17 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 16 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 15 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 14 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 13 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 12 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 11 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 10 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 9 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 8 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 7 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 6 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 5 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 4 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 3 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 2 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 1 16-S-171 20/05/13 Sat Day 12:10:00 PM Wet Other injury
- 31 Team Vii Car travelling roadbound.
- 30 Veh on the run from Police fleet ended a collision, before coming to a
- 33
- 34
- 35
- 36
- 37
- 38
- 39
- 40
- 41 Not clear whether or how it happened. Report contradicts diagram and does not
- 42 Veh not control while executing right turn from St. Kilda Road onto approach into St
- 43
- 22
- 23
- 24 MC
- 25 MC
- 17 MC
- 18
- 19
- 20 MC
- 23
- 24 MC
- 15 Police report hard to understand
- 21
- 16 Passenger opened door into the path of on-coming veh.
- 13



COLLISION DIAGRAM

Date: 01/07/2009 - 20/05/2014

Location: Punt Road Between St. Kilda Road and Citylink

Map: Map

Council: MELBOURNE / PORT PHILLIP

Weather & Light Filter: All Crashes

Unit 1

Unit 2



View as: Dashboard

Fatal Accidents

Serious Injury Accidents

Other Injury Accidents

Police Reports

Cyclist Injuries

Accident Number	Location	Chainage	Vehicle Direction	DCA Code	Other Vehicle Direction	Accidents / Year				Unit Vehicle		Road / Light		Date	Week Day	Time	Type of Casualty Fatal/Serious/Other		
						2008	2009	2010	2011	2012	Unit 1	Unit 2	Dry / Wet					Light	
26	At Int of PUNT ROAD and FITZROY STREET	58	N^	130	N^		1				Car	Car/Not Applica	Dry	Dark	07/08/2009	Fri	21:50	Other injury	
27	At Int of PUNT ROAD and FITZROY STREET	58	NE^	110	SW^			1			Car/Not Applica	Car	Wet	Day	04/02/2010	Thu	14:30	Other injury	
28	At Int of PUNT ROAD and FITZROY STREET	58	N^	110	W^			1			Car/Not Applica	Motor Cycle/Not	Dry	Day	12/03/2010	Fri	15:23	Serious injury	
29	At Int of PUNT ROAD and FITZROY STREET	58	N^	121	S^			1			Car/Not Applica	Motor Scooter/N	Dry	Day	26/03/2010	Fri	11:35	Fatal accident	
30	At Int of PUNT ROAD and FITZROY STREET	58	N^	110	W^			1			Utility	Station Wagon/N	Dry	Day	26/03/2010	Sun	8:43	Other injury	
31	At Int of PUNT ROAD and FITZROY STREET	58	SW^	190	N			1			Tram/Not Appic	Car	Dry	Day	09/06/2010	Wed	8:50	Other injury	
32	On PUNT ROAD 0m from ST KILDA RD (CR)	58	NE^	130	NE^			1			Station Wagon/N	Utility	Dry	Day	21/10/2010	Thu	8:30	Other injury	
33	At Int of PUNT ROAD and FITZROY STREET	58	S^	130	S^				1		Taxi/Not Appic	Car	Wet	Dark	26/02/2011	Sat	21:20	Other injury	
34	On PUNT ROAD 0m from ST KILDA RD (CR)	58	S^	136	S^			1			Car	Car	Wet	Day	10/08/2011	Wed	13:50	Other injury	
35	At Int of PUNT ROAD and FITZROY STREET	58	NE^	137	NE^			1			Car/Not Applica	Bicycle/Not App	Dry	Day	10/11/2011	Thu	7:57	Other injury	
36	At Int of PUNT ROAD and FITZROY STREET	58	NE^	130	NE^			1			Utility/Not App	Car	Dry	Dusk	11/11/2011	Fri	20:20	Other injury	
37	At Int of PUNT ROAD and FITZROY STREET	58	N^	101	N^				1		Taxi/Not Appic	N/A	Dry	Day	19/03/2012	Mon	14:40	Other injury	
38	At Int of PUNT ROAD and FITZROY STREET	58	NW^	174	NW^						Motor Cycle/Not	N/A	Dry	Day	21/03/2013	Thu	9:19	Other injury	
39	At Int of PUNT ROAD and FITZROY STREET	58	NW^	130	NW^						Car/Not Applica	LCV/R <=4.5T	Dry	Day	28/03/2013	Thu	18:30	Serious injury	
40	At Int of PUNT ROAD and FITZROY STREET	58	NW^	171	NW^						Motor Cycle/Pol	N/A	Dry	Day	09/04/2013	Tue	15:55	Serious injury	
41	At Int of PUNT ROAD and FITZROY STREET	58	SE^	113	SW^						Station Wagon/N	Car	Dry	Dark	19/04/2013	Fri	4:30	Other injury	
42	On PUNT ROAD 0m from ST KILDA RD (CR)	58	SE^	171	SE^						Car/Building	N/A	Wet	Day	18/05/2013	Sat	12:15	Other injury	
43	At Int of PUNT ROAD and FITZROY STREET	58	NE^	130	NE^						Car	Taxi/Not Appic	Dry	Unk.	28/01/2014	Tue	12:35	Other injury	
25	On PUNT ROAD 50m S from Int QUEENS ROAD	96	N^	134	N^						Car/Not Applica	Motor Cycle/Not	Dry	Dark	30/11/2013	Sat	21:15	Other injury	
22	On PUNT ROAD 198m from HENRY ST (SR)	103	SW^	137	SW^						Bicycle/Not App	LCV/R <=4.5T/Not	Dry	Day	21/01/2013	Mon	17:45	Other injury	
138	On QUEENS ROAD -QUEENS WAY 23m E from Int PUNT ROAD	146	SW^	121	NE^						Car	Motor Cycle/Not	Wet	Dark	27/02/2013	Wed	23:30	Serious injury	
17	On PUNT ROAD 132m from HENRY ST (SR)	168	N^	172	N^			1			Motor Cycle/Not	N/A	Dry	Day	30/03/2010	Thu	7:15	Other injury	
18	On PUNT ROAD 132m from HENRY ST (SR)	168	S^	130	S^			1			Car	Car/Not Applica	Dry	Dusk	21/10/2010	Thu	19:15	Other injury	
19	On PUNT ROAD 132m from HENRY ST (SR)	168	W^	130	W^				1		Car/Not Applica	Car	Dry	Day	26/02/2011	Sat	14:40	Serious injury	
20	On PUNT ROAD 132m from HENRY ST (SR)	168	E^	174	N^				1		Motor Cycle/Not	N/A	Wet	Day	09/10/2011	Sun	7:50	Other injury	
23	On PUNT ROAD 132m from HENRY ST (SR)	168	E^	100	N^						Taxi/Not Appic	N/A	Dry	Dark	09/06/2013	Sun	1:15	Other injury	
24	On PUNT ROAD 132m from HENRY ST (SR)	168	S^	174	N^						Motor Scooter/N	N/A	Wet	Dark	13/11/2013	Wed	23:45	Serious injury	
15	At Int of PUNT ROAD and ST KILDA ROAD	172	NW^	113	E^				1		Car/Not Applica	Bicycle/Not App	Wet	Dark	02/07/2009	Thu	22:05	Other injury	
21	At Int of PUNT ROAD and ST KILDA ROAD	172	E^	130	E^				1		Car/Not Applica	Car	Dry	Dark	23/07/2011	Sat	19:00	Serious injury	
16	On PUNT ROAD 49m N from Int ST KILDA ROAD	222	N^	163	N^			1			Taxi/Not Appic	Motor Scooter	Dry	Day	14/02/2010	Sun	14:15	Other injury	
137	At Int of PUNT ROAD(R) and HENRY STREET	303	N^	100	N^				1		Car/Not Applica	Car/Not Applica	Wet	Dark	26/11/2011	Sat	23:25	Serious injury	
						Total				1	1	3	10	12	2				