

Aldi foodstore, Plymouth Street, Merthyr Tydfil

TRANSPORT STATEMENT

Proposed Store and Car Park Extension - April 2021

1. Introduction

- 1.1. This Transport Statement (TS) has been produced to provide details as they relate to highways matters associated with a proposed extension to Aldi's existing food store and car park on Plymouth Street, Merthyr Tydfil.

2. Current Site and Operation

- 2.1. The current Aldi store comprises a 1,526 sqm GFA (GEA) food store and 81 car parking spaces. The existing site layout is shown in **Appendix A**.
- 2.2. Current car park operation is attached as **Appendix B**.
- 2.3. It is standard industry practise to allow for at least 10% spare capacity within car park to efficiently manage parking demand, limit search times and reduce unnecessary car use.
- 2.4. This is a principle that Aldi have applied to their store car parks for many years. An element of reserve capacity makes it simpler and safer for customers to find a parking space, removes the number of cars circulating around the car park looking for a space and makes car park management more effective.

3. Proposal

- 3.1. Resultant of the above, the proposal is to increase GFA to 1,943 sqm a 417sqm increase and increase car parking numbers to 82 spaces which includes 4 EVCP's and 2 click and collection bays.
- 3.2. The proposed site layout is attached as **Appendix C**.
- 3.3. There are no other changes proposed that effect either access, servicing arrangements or cycle parking numbers.

4. Trip Generation

- 4.1. The proposed increase in GFA is 417sqm. TRICS data has been used to establish trip rates and is attached as **Appendix D** with the findings summarised below.

Current Store Trip Rates applied to store extension GFA

Time	Trip Rate (per unit)			Traffic Flows (per unit)		
	Arrivals	Departures	trip rate	Arrivals	Departures	Trips
0800-0900	2.445	1.599	4.044	10	7	17
1700-1800	3.652	3.912	7.564	15	16	31
Daily	45.055	45.141	90.196	189	189	378

- 4.2. However, TRICS is primarily for new build and not extensions. ALDI has extensive data relating to store extensions that show a 50% increase in store size relates to less than 20% increase in customer volumes passing through the tills. What an extension does is to primarily increase customer dwell time. Based on ALDI experience, we see no reason why this type of growth in trading might not be witnessed here.
- 4.3. Based on the above, revised vehicle trips are considered to be:



Time	Total New Trips at 20%		
	Arrivals	Departures	Trips
0800-0900	2	4	6
1700-1800	3	3	6
Daily	38	38	76

- 4.4. Such a marginal increase in traffic will clearly have an imperceptible impact on the local highway network and in this regard further analysis is considered unnecessary.

5. Parking

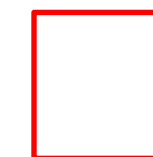
- 5.1. As stated above, there will be an increase in car parking numbers from 81 to 82 spaces which includes 4 EVCP's and 2 click and collection bays.
- 5.2. Aldi as the store operator has monitored use of the car park over the last few years and identified that the car park during the busiest periods is operating within capacity (see Appendix B) and even with the expected increase in traffic will remain operating within capacity.
- 5.3. On this basis, and with the predicted increase in customer dwell time it is considered that the modest increase in parking will assist in making the car park operational more efficient and will:
- Meet current and future customer demand
 - Avoid displaced parking
 - Reduce internal re-circulation
 - Ensure the effective and safe operation of the car park

6. Summary and Conclusion

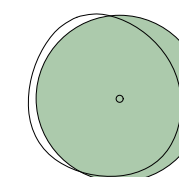
- 6.1. This TS been prepared in order to consider transport matters as they relate to Aldi's proposal to increase their stores GFA and car parking numbers.
- 6.2. According to PPW, development should only be prevented or refused on transport grounds where the residual cumulative effects of development are severe, clearly in this case they are not.
- 6.3. Based on these findings, it is considered that the development proposals are not expected to lead to any localised material off-site highways issues on the adjacent transportation network.



APPENDIX A



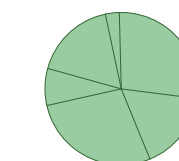
Application Area
5,878m² / 1.452 Acres



Existing Trees
(See Tyler Grange survey,
drawing no. 13892_P01_Tree
Constraints Plan)



Existing Trees
(sourced from information based from Google Maps)



Proposed Trees

160.00 Existing Site Levels

160.00 Proposed Site Levels

PROPOSED CAR PARKING BAYS :

TOTAL = 82 BAYS

TYPICAL CUSTOMER = 66 BAYS

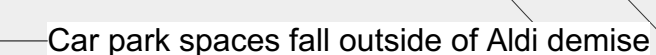
PARENT & CHILD = 6 BAYS

DISABLED = 4 BAYS

CLICK & COLLECT = 2 BAYS

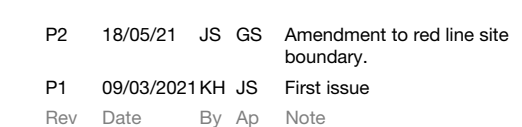
EVCP SPACES = 4 BAYS

Proposed GIA = 1,868 m²



Plant enclosure extended and screened
behind 2.5m high palisade fence

—Car park spaces fall outside of Aldi demise



P1	09/03/2021	KH	JS	First issue
Rev	Date	By	Ap	Note

Rev	Date	By	Ap	Note
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Discussion Title

Proposed Site Plan

Project Number	Drawing Number	Revision
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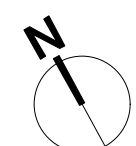
170629-1504 P2

Date	Drawn	Checked	Status
09/03/21	KH	JS	PLANNING

09/03/21 KH JS PLANNING

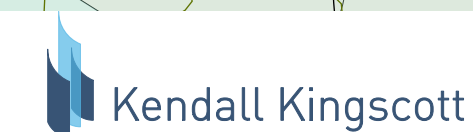
Check all dimensions and levels on site

Check all dimensions and levels on site



0 25 40 M

Scale = 1:500 @ A1



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Project
Plymouth St, Merthyr Tydfil
Store Extension

Client
Aldi Stores Ltd

Scale	Paper Size	Filename
1:200	A1	Merthyr Extension.vw

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Check all dimensions and levels on site

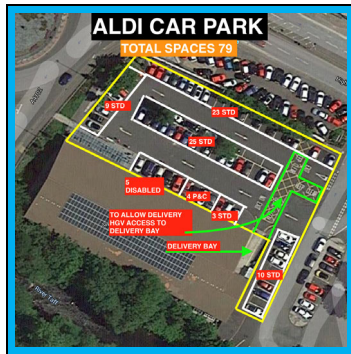


APPENDIX B

Day	Inbound				Outbound			
	Time	Car	HGV/Bus	TOTAL	Car	HGV/Bus	TOTAL	
Monday 16th March 2020	1000-1015	30	0	30	24	0	24	
	1015-1030	37	0	37	37	0	37	
	1030-1045	34	1	35	24	0	24	
	1045-1100	32	0	32	32	0	32	
	Hourly Total	133	1	134	117	0	117	
	1100-1115	43	0	43	31	0	31	
	1115-1130	37	0	37	29	0	29	
	1130-1145	34	0	34	34	1	35	
	Hourly Total	308	0	308	233	1	233	
	1145-1200	152	0	152	127	1	128	
	1200-1215	48	0	48	33	0	33	
	1215-1230	33	0	33	28	0	28	
	1230-1245	45	0	45	38	0	38	
	1245-1300	36	0	36	40	0	40	
	Hourly Total	162	0	162	139	0	139	
	1300-1315	51	0	51	45	0	45	
	1315-1330	54	0	54	54	0	54	
	1330-1345	38	0	38	42	0	42	
	1345-1400	44	0	44	38	0	38	
	Hourly Total	187	0	187	179	0	179	
	1400-1415	30	0	30	24	0	24	
	1415-1430	45	0	45	40	0	40	
	1430-1445	47	0	47	44	0	44	
	1445-1500	41	0	41	50	0	50	
	Hourly Total	166	0	166	171	0	171	
	1500-1515	41	0	41	67	0	67	
	1515-1530	37	0	37	41	0	41	
	1530-1545	37	0	37	63	0	63	
	1545-1600	45	0	45	45	0	45	
	Hourly Total	160	0	160	216	0	216	
	1600-1615	39	0	39	42	0	42	
	1615-1630	44	0	44	61	0	61	
	1630-1645	58	0	58	67	0	67	
	1645-1700	46	0	46	31	0	31	
	Hourly Total	187	0	187	188	0	188	
	1700-1715	35	0	35	26	0	26	
	1715-1730	41	0	41	55	0	55	
	1730-1745	48	0	48	27	0	27	
	1745-1800	42	0	42	35	0	35	
	Hourly Total	167	0	167	150	0	150	
	1800-1815	35	0	35	28	0	28	
	1815-1830	51	0	51	43	0	43	
	1830-1845	56	0	56	44	0	44	
	1845-1900	40	0	40	43	0	43	
	Hourly Total	182	0	182	158	0	158	
TOTALS								
		Car	HGV/Bus	TOTAL	Car	HGV/Bus	TOTAL	
		1496	1	1497	1438	1	1439	

Start	Spaces
102	303
Account	TIME
108	1015
108	1030
119	1045
119	1100
131	1115
139	1130
143	1145
143	1200
158	1215
163	1230
170	1245
166	1300
172	1315
172	1330
168	1345
174	1400
178	1415
175	1430
174	1445
169	1500
242	2515
239	2530
213	1545
113	1600
110	1615
113	1630
104	1645
119	1700
122	1715
108	1730
129	1745
136	1800
142	1815
151	1830
162	1845
160	1900

MERTHYR TYDFIL RETAIL CAR PARK Monday 16th March 2020 1000 - 1900									
	Car Park >>	Marked Bays in Car Park		Disabled		Parent & Child		Total	
	Spaces >	277		22		4		303	
Day	Time	Occupied	Spares	Occupied	Spares	Occupied	Spares	Occupied	Spares
Monday 16th March 2020	1000	94	94	5	22	3	3	102	100
	1010	98	98	5	22	4	4	109	108
	1100	107	99	8	36	4	100	119	39
	1130	121	44	14	64	4	100	139	46
	1200	125	40	14	64	4	100	143	47
	1230	141	51	18	82	4	100	163	54
	1300	142	51	20	91	4	100	166	55
	1330	147	53	22	100	3	75	172	57
	1400	148	53	22	100	4	100	174	57
	1430	149	54	22	100	4	100	175	58
	1500	143	52	22	91	4	100	169	56
	1530	115	42	20	95	4	100	139	48
	1600	104	38	6	23	3	75	113	37
	1630	104	38	5	23	4	100	113	37
	1700	104	38	11	50	4	100	119	39
	1730	92	33	12	55	4	100	108	36
	1800	113	41	20	91	3	75	136	45
	1830	127	46	21	95	3	75	151	50
	1900	137	49	20	91	3	75	160	53



ALDI RETAIL CAR PARK Monday 16th March 2020 1000 - 1900										
Car Park ->		Marked Bays in Car Park		Disabled		Parent & Child		Total		
Spaces ->		70		5		4		79		
Day	Time	Occupied	70	Occupied	5	Occupied	4	Occupied	79	Stress
Monday 16th March 2020	1000	67	86%	5	100%	3	75%	74	94%	1000
	1010	67	99%	5	100%	4	100%	78	98%	1010
	1100	70	100%	5	100%	4	100%	79	100%	1100
	1130	70	100%	5	100%	4	100%	79	100%	1130
	1200	70	100%	5	100%	4	100%	79	100%	1200
	1230	70	100%	5	100%	4	100%	79	100%	1230
	1300	70	100%	5	100%	4	100%	79	100%	1300
	1330	70	100%	5	100%	3	75%	78	99%	1330
	1400	69	99%	5	100%	4	100%	78	99%	1400
	1430	70	100%	5	100%	4	100%	79	100%	1430
	1500	70	100%	5	100%	4	100%	79	100%	1500
	1530	70	100%	5	100%	4	100%	79	100%	1530
	1600	70	100%	5	100%	3	75%	78	99%	1600
	1630	67	99%	4	80%	4	100%	77	97%	1630
	1700	68	97%	4	80%	4	100%	76	96%	1700
	1730	64	91%	4	80%	4	100%	72	91%	1730
1800	62	89%	3	60%	3	75%	68	86%	1800	
1830	60	86%	4	80%	3	75%	67	85%	1830	
1900	58	83%	3	60%	3	75%	64	81%	1900	

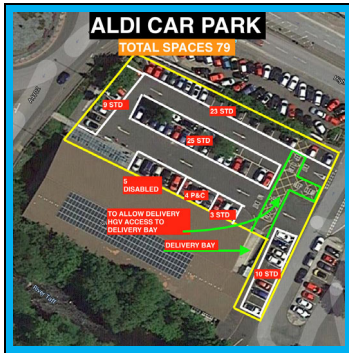
CASTLE BINGO RETAIL CAR PARK Monday 16th March 2020 1000 - 1900										
Car Park >		Marked Bays in Car Park		Disabled				Total		
Spaces >		207		17				224		
Day	Time	Occupied	Stress	Occupied	Stress			Occupied	Stress	Time
Monday 16th March 2020	1000	27	13%	1	6%	0		28	13%	1000
	1030	29	14%	1	6%	0		30	13%	1030
	1100	36	17%	3	18%	1		40	18%	1100
	1130	47	23%	8	53%	4		60	27%	1130
	1200	50	24%	9	53%	5		64	29%	1200
	1230	66	32%	13	76%	5		84	38%	1230
	1300	67	32%	15	88%	5		87	39%	1300
	1330	72	35%	17	100%	5		94	42%	1330
	1400	73	35%	17	100%	6		96	43%	1400
	1430	75	36%	17	100%	7		96	43%	1430
	1500	67	32%	17	100%	4		80	40%	1500
	1530	38	18%	15	88%	7		60	27%	1530
	1600	27	13%	1	6%	7		35	16%	1600
	1630	32	15%	1	6%	3		36	16%	1630
	1700	34	16%	7	41%	2		43	19%	1700
	1730	26	13%	8	47%	2		36	16%	1730
1800	27%		17	100%	1		48	30%	1800	
1830	63	29%	17	100%	6		84	38%	1830	
1900	74	36%	17	100%	5		96	43%	1900	

Vehicles Parked Illegally

Day	Inbound				Outbound			
	Time	Car	HGV/Bus	TOTAL	Car	HGV/Bus	TOTAL	
Tuesday 17th March 2020	1000-1015	36	0	36	33	0	33	
	1015-1030	41	0	41	42	0	42	
	1030-1045	46	0	46	38	0	38	
	1045-1100	45	0	45	46	0	46	
	Hourly Total	168	0	168	159	0	159	
	1100-1115	50	0	50	49	0	49	
	1115-1130	43	0	43	37	0	37	
	1130-1145	42	0	42	40	0	40	
	1145-1200	44	0	44	40	0	40	
	Hourly Total	179	0	179	166	0	166	
	1200-1215	46	0	46	43	0	43	
	1215-1230	42	0	42	42	0	42	
	1230-1245	45	0	45	35	0	35	
	1245-1300	41	1	42	50	0	50	
	Hourly Total	174	1	175	170	0	170	
	1300-1315	39	0	39	44	0	44	
	1315-1330	48	0	48	37	0	37	
	1330-1345	35	0	35	27	0	27	
	1345-1400	38	0	38	46	0	46	
	Hourly Total	160	0	160	154	0	154	
	1400-1415	32	0	32	28	0	28	
	1415-1430	37	0	37	43	0	43	
	1430-1445	23	0	23	41	0	41	
	1445-1500	40	0	40	32	0	32	
	Hourly Total	142	0	142	144	0	144	
	1500-1515	30	0	30	39	0	39	
1515-1530	45	0	45	51	1	52		
1530-1545	48	0	48	39	0	39		
1545-1600	44	0	44	62	0	62		
Hourly Total	167	0	167	191	1	192		
1600-1615	40	0	40	36	0	36		
1615-1630	37	0	37	41	0	41		
1630-1645	49	0	49	38	0	38		
1645-1700	36	0	36	48	0	48		
Hourly Total	162	0	162	163	0	163		
1700-1715	36	0	36	42	0	42		
1715-1730	51	0	51	43	0	43		
1730-1745	49	0	49	47	0	47		
1745-1800	42	0	42	30	0	30		
Hourly Total	178	0	178	162	0	162		
1800-1815	41	0	41	38	0	38		
1815-1830	34	0	34	40	0	40		
1830-1845	38	0	38	40	0	40		
1845-1900	32	0	32	22	0	22		
Hourly Total	145	0	145	140	0	140		
TOTALS	1475		1476	1449		1450		

Start	Space
94	303
Account	TIME
97	1015
96	1030
104	1045
103	1100
104	1115
110	1130
112	1145
116	1200
119	1215
119	1230
120	1245
121	1300
116	1315
127	1330
135	1345
127	1400
131	1415
125	1430
127	1445
128	1500
116	1515
108	1530
112	1545
100	1600
104	1615
100	1630
111	1645
99	1700
99	1715
100	1730
109	1745
116	1800
118	1815
112	1830
110	1845
130	1900

Day	Car Park >>		Marked Bays in Car Park		Disabled		Parent & Child		Total	
	Spaces >>		277		22		4		803	
	Time	Occupied	Stress	Occupied	Stress	Occupied	Stress	Occupied	Stress	Time
Tuesday 17th March 2020	1000	85	31%	5	23%	4	100%	94	31%	1000
	1030	89	32%	4	18%	3	75%	96	32%	1030
	1100	96	35%	4	18%	3	75%	103	34%	1100
	1130	103	36%	5	23%	4	100%	110	36%	1130
	1200	107	38%	7	32%	4	100%	114	38%	1200
	1230	108	39%	7	32%	4	100%	119	39%	1230
	1300	109	39%	8	36%	4	100%	121	40%	1300
	1330	110	40%	13	59%	4	100%	127	42%	1330
	1400	110	40%	13	59%	4	100%	127	42%	1400
	1430	109	39%	13	59%	3	75%	125	41%	1430
	1500	109	39%	12	55%	4	100%	125	41%	1500
	1530	99	36%	6	27%	4	100%	109	36%	1530
	1600	90	32%	6	27%	4	100%	100	33%	1600
	1630	90	32%	6	27%	4	100%	100	33%	1630
	1700	90	32%	5	23%	4	100%	99	33%	1700
	1730	88	32%	8	36%	4	100%	101	33%	1730
	1800	98	35%	13	59%	4	100%	115	38%	1800
	1830	95	34%	14	64%	3	75%	112	37%	1830
	1900	102	37%	14	64%	4	100%	120	40%	1900



Day	Car Park ->		Marked Bays in Car Park		Disabled		Parent & Child		Total		Time
	Spaces ->		70		5		4		79		
	Time	Occupied	Stress	Occupied	Stress	Occupied	Stress	Occupied	Stress		
Tuesday 17th March 2020	1000	68	97%	5	100%	4	100%	77	97%	1000	
	1030	70	100%	4	80%	3	75%	77	97%	1030	
	1100	69	99%	4	80%	3	75%	76	96%	1100	
	1130	68	97%	4	80%	4	100%	76	96%	1130	
	1200	68	97%	5	100%	4	100%	79	100%	1200	
	1230	70	100%	5	100%	4	100%	79	100%	1230	
	1300	70	100%	5	100%	4	100%	79	100%	1300	
	1330	68	97%	5	100%	4	100%	77	97%	1330	
	1400	67	96%	5	100%	4	100%	76	96%	1400	
	1430	64	91%	5	100%	3	75%	72	91%	1430	
	1500	63	90%	5	100%	4	100%	72	91%	1500	
	1530	62	89%	4	80%	4	100%	70	89%	1530	
	1600	64	91%	4	80%	4	100%	72	91%	1600	
	1630	62	89%	4	80%	4	100%	70	89%	1630	
	1700	62	87%	2	40%	4	100%	68	86%	1700	
	1730	61	87%	3	60%	4	100%	68	86%	1730	
	1800	62	89%	3	60%	4	100%	69	87%	1800	
	1830	58	83%	3	60%	3	75%	64	81%	1830	
	1900	57	82%	2	40%	4	100%	63	80%	1900	

Day	Car Park ->		Marked Bays in Car Park		Disabled				Total	
	Spaces ->		207		17				224	
	Time	Occupied	Stress	Occupied	Stress			Occupied	Stress	Time
Tue saty 17th March 2020	1000	17	24%	0	0%	0		17	8%	1000
	1030	19	27%	0	0%	0		19	8%	1030
	1100	26	37%	0	0%	1		27	12%	1100
	1130	30	43%	1	20%	3		34	15%	1130
	1200	30	43%	2	40%	4		37	17%	1200
	1230	34	47%	2	40%	4		40	18%	1230
	1300	35	50%	3	60%	4		42	19%	1300
	1330	38	54%	8	160%	4		50	22%	1330
	1400	39	56%	8	160%	4		51	23%	1400
	1430	41	59%	8	160%	4		53	24%	1430
	1500	41	59%	7	140%	5		53	24%	1500
	1530	32	46%	2	40%	5		39	17%	1530
	1600	21	30%	2	40%	5		28	13%	1600
	1630	23	33%	2	40%	5		30	13%	1630
	1700	24	34%	3	40%	4		31	14%	1700
	1730	25	36%	5	100%	3		33	15%	1730
1800	36	51%	10	200%	0		46	21%	1800	
1830	37	53%	11	220%	0		48	21%	1830	
1900	45	64%	12	240%	0		57	25%	1900	

Vehicles Parked Illegally

Merthyr Tydfil Retail Park - Wednesday 18th March 2020

Day	Time	Inbound				Outbound			
		Car	HGV/Bus	TOTAL		Car	HGV/Bus	TOTAL	
Wednesday 18th March 2020	1000-1015	27	0	27	23	0	0	23	
	1015-1030	31	0	31	34	0	0	34	
	1030-1045	34	0	34	24	0	0	24	
	1045-1100	32	1	33	39	0	0	39	
	Hourly Total	124	1	125	130	0	0	130	
	1100-1115	36	0	36	31	0	0	31	
	1115-1130	41	0	41	38	0	0	38	
	1130-1145	44	0	44	36	0	0	36	
	1145-1200	42	0	42	53	0	0	53	
	Hourly Total	163	0	163	158	0	0	158	
	1200-1215	36	0	36	41	0	0	41	
	1215-1230	42	0	42	32	1	0	33	
	1230-1245	41	1	42	42	0	0	42	
	1245-1300	46	0	46	45	0	0	45	
	Hourly Total	165	1	166	160	1	0	161	
	1300-1315	35	0	35	36	0	0	36	
	1315-1330	32	0	32	32	0	0	32	
	1330-1345	38	0	38	34	0	0	34	
	1345-1400	42	0	42	42	1	0	43	
	Hourly Total	147	0	147	144	1	0	145	
	1400-1415	44	0	44	33	0	0	33	
	1415-1430	32	0	32	44	0	0	44	
	1430-1445	38	0	38	48	0	0	48	
	1445-1500	34	0	34	30	0	0	30	
	Hourly Total	148	0	148	155	0	0	155	
	1500-1515	36	0	36	40	0	0	40	
	1515-1530	34	0	34	31	0	0	31	
	1530-1545	31	0	31	33	0	0	33	
	1545-1600	29	1	30	26	0	0	26	
	Hourly Total	130	1	131	130	0	0	130	
	1600-1615	33	0	33	29	0	0	29	
	1615-1630	37	0	37	46	1	0	47	
	1630-1645	35	0	35	31	0	0	31	
	1645-1700	34	0	34	34	0	0	34	
	Hourly Total	139	0	139	140	1	0	141	
	1700-1715	29	0	29	33	0	0	33	
	1715-1730	37	0	37	44	0	0	44	
	1730-1745	22	0	22	31	0	0	31	
	1745-1800	28	0	28	28	0	0	28	
	Hourly Total	116	0	116	136	0	0	136	
	1800-1815	26	0	26	27	0	0	27	
	1815-1830	21	0	21	34	0	0	34	
	1830-1845	19	0	19	22	0	0	22	
	1845-1900	24	0	24	23	0	0	23	
	Hourly Total	90	0	90	106	0	0	106	
		Inbound				Outbound			
TOTALS		Car	HGV/Bus	TOTAL	Car	HGV/Bus	TOTAL		
		1222	3	1225	1249	3	1252		

Start	Species
83	303
Account	TIME
87	1015
84	1030
84	1045
88	1100
89	1115
96	1130
96	1145
99	1200
99	1215
99	1230
97	1245
98	1300
97	1315
97	1330
101	1345
100	1400
111	1415
99	1430
89	1445
99	1500
89	1515
94	1545
94	1600
98	1615
98	1630
92	1700
88	1715
81	1730
72	1745
72	1800
71	1815
58	1830
55	1845
56	1900

CAR PARK OCCUPANCY SURVEY										
MERTHYR TYDFIL RETAIL CAR PARK Wednesday 18th March 2020 1000 - 1900										
Day	Car Park ->		Marked Bays in Car Park		Disabled		Parent & Child		Total	
	Spaces ->	277		24		4		993		
	Time	Occupied	Stress	Occupied	Stress	Occupied	Stress	Occupied	Stress	Time
Wednesday 18th March 2020	1000	74	27%	2	9%	2	50%	78	26%	1000
	1030	78	28%	2	9%	4	100%	84	28%	1030
	1100	83	30%	2	9%	3	75%	88	29%	1100
	1130	89	32%	4	18%	3	75%	96	32%	1130
	1200	86	31%	4	18%	3	75%	93	31%	1200
	1230	88	32%	5	23%	4	100%	97	32%	1230
	1300	89	32%	5	23%	4	100%	98	32%	1300
	1330	87	31%	6	27%	4	100%	97	32%	1330
	1400	90	32%	6	27%	4	100%	100	33%	1400
	1430	90	32%	5	23%	4	100%	99	33%	1430
	1500	85	31%	4	18%	4	100%	93	31%	1500
	1530	85	31%	4	18%	3	75%	92	30%	1530
	1600	86	31%	5	23%	3	75%	94	31%	1600
	1630	81	29%	4	18%	3	75%	88	29%	1630
	1700	86	31%	3	14%	3	75%	92	30%	1700
	1730	75	27%	3	14%	3	75%	81	27%	1730
	1800	69	25%	1	5%	2	50%	72	24%	1800
	1830	56	20%	1	5%	1	25%	58	19%	1830
	1900	55	20%	0	0%	1	25%	56	18%	1900



CAR PARK OCCUPANCY SURVEY											
ALDI RETAIL CAR PARK Wednesday 18th March 2020 1000 - 1900											
Day	Time	Car Park ->		Marked Bays in Car Park		Disabled		Parent & Child		Total	
		Spaces ->	70	Occupied	Stress	Occupied	Stress	Occupied	Stress	Occupied	Stress
Wednesday 18th March 2020	1000	57	81%	2	40%	2	50%	61	77%	1000	
	1030	59	84%	2	40%	4	100%	65	82%	1030	
	1100	63	90%	2	40%	3	75%	68	86%	1100	
	1130	65	93%	4	80%	3	75%	72	91%	1130	
	1200	64	91%	4	80%	3	75%	71	90%	1200	
	1230	62	89%	5	100%	4	100%	71	90%	1230	
	1300	64	91%	5	100%	4	100%	73	92%	1300	
	1330	62	89%	5	100%	4	100%	71	90%	1330	
	1400	63	90%	5	100%	4	100%	72	91%	1400	
	1430	64	91%	4	80%	4	100%	72	91%	1430	
	1500	61	87%	4	80%	4	100%	69	87%	1500	
	1530	57	81%	4	80%	3	75%	64	81%	1530	
	1600	58	83%	5	100%	3	75%	66	84%	1600	
	1630	55	79%	4	80%	3	75%	62	78%	1630	
	1700	58	83%	3	60%	3	75%	64	81%	1700	
	1730	54	77%	3	60%	3	75%	60	76%	1730	
	1800	51	73%	1	20%	2	50%	54	68%	1800	
	1830	42	60%	1	20%	1	25%	44	56%	1830	
	1900	40	57%	0	0%	1	25%	41	52%	1900	

CAR PARK OCCUPANCY SURVEY										
CASTLE BINGO RETAIL CAR PARK Wednesday 18th March 2020 1000 - 1900										
		Car Park ->		Marked Bays in Car Park		Disabled		Total		
Day	Time	Spaces ->		207		17		224		
		Occupied	Stress	Occupied	Stress	Occupied	Stress	Occupied	Stress	
Wednesday 18th March 2020	1000	17	24%	0	0%	0	0	17	8%	1000
	1030	19	27%	0	0%	0	0	19	8%	1030
	1100	20	29%	0	0%	0	0	20	9%	1100
	1130	24	34%	0	0%	0	0	24	11%	1130
	1200	21	30%	0	0%	1	25%	22	10%	1200
	1230	25	36%	0	0%	1	25%	26	12%	1230
	1300	24	34%	0	0%	1	25%	25	11%	1300
	1330	23	33%	1	20%	2	50%	26	12%	1330
	1400	25	36%	1	20%	2	50%	28	13%	1400
	1430	24	34%	1	20%	2	50%	27	12%	1430
	1500	22	31%	0	0%	2	50%	24	11%	1500
	1530	26	37%	0	0%	2	50%	28	13%	1530
	1600	27	39%	0	0%	1	25%	28	13%	1600
	1630	25	36%	0	0%	1	25%	26	12%	1630
	1700	26	37%	0	0%	2	50%	28	13%	1700
	1730	19	27%	0	0%	2	50%	21	9%	1730
	1800	17	24%	0	0%	1	25%	18	8%	1800
	1830	14	20%	0	0%	0	0	14	6%	1830
	1900	15	21%	0	0%	0	0	15	7%	1900

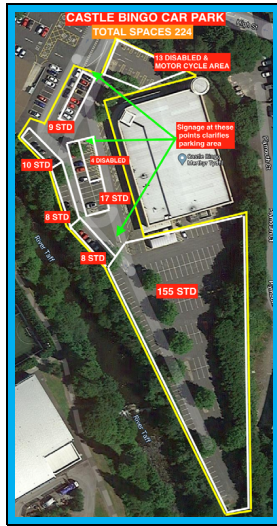
Vehicles Parked Illegally

Merthyr Tydfil Retail Park - Friday 20th March 2020

Day	Time	Inbound				Outbound			
		Car	HGV/Bus	TOTAL		Car	HGV/Bus	TOTAL	
Friday 20th March 2020	1000-1015	27	0	27	22	0	0	22	
	1015-1030	34	0	34	26	0	0	26	
	1030-1045	36	0	36	30	0	0	30	
	1045-1100	32	0	32	35	0	0	35	
	Hourly Total	129	0	129	113	0	0	113	
	1100-1115	27	1	28	32	0	0	32	
	1115-1130	38	0	38	35	1	0	36	
	1130-1145	34	0	34	27	0	0	27	
	1145-1200	32	0	32	37	0	0	37	
	Hourly Total	131	1	132	131	1	0	132	
	1200-1215	35	0	35	39	0	0	39	
	1215-1230	33	0	33	32	0	0	32	
	1230-1245	38	0	38	41	0	0	41	
	1245-1300	40	0	40	33	0	0	33	
	Hourly Total	146	0	146	145	0	0	145	
	1300-1315	42	0	42	40	0	0	40	
	1315-1330	37	0	37	35	0	0	35	
	1330-1345	39	0	39	39	0	0	39	
	1345-1400	36	0	36	32	0	0	32	
	Hourly Total	154	0	154	146	0	0	146	
	1400-1415	22	0	22	38	0	0	38	
	1415-1430	39	0	39	27	0	0	27	
	1430-1445	35	0	35	33	0	0	33	
	1445-1500	34	0	34	39	0	0	39	
	Hourly Total	130	0	130	137	0	0	137	
	1500-1515	32	1	33	34	0	0	34	
	1515-1530	39	0	39	40	0	0	40	
	1530-1545	38	0	38	36	0	0	36	
	1545-1600	32	0	32	36	0	0	36	
	Hourly Total	141	1	142	146	0	0	146	
	1600-1615	41	0	41	48	0	0	48	
	1615-1630	35	0	35	29	1	0	30	
	1630-1645	39	0	39	34	0	0	34	
	1645-1700	42	0	42	46	0	0	46	
	Hourly Total	157	0	157	157	1	0	158	
	1700-1715	31	0	31	51	0	0	51	
	1715-1730	38	0	38	25	0	0	25	
	1730-1745	31	0	31	45	0	0	45	
	1745-1800	30	0	30	33	0	0	33	
	Hourly Total	130	0	130	154	0	0	154	
	1800-1815	27	0	27	24	0	0	24	
	1815-1830	38	0	38	38	0	0	38	
	1830-1845	34	0	34	34	0	0	34	
	1845-1900	32	0	32	38	0	0	38	
	Hourly Total	131	0	131	134	0	0	134	
TOTALS		Inbound				Outbound			
		Car	HGV/Bus	TOTAL		Car	HGV/Bus	TOTAL	
		1249	2	1251	1263	2	0	1265	

Start	Species
78	303
Account	TIME
83	1015
91	1030
97	1045
94	1100
96	1115
95	1130
95	1145
94	1200
96	1215
88	1245
95	1300
97	1315
99	1330
99	1345
100	1400
87	1415
99	1430
101	1445
96	1500
95	1515
96	1545
92	1600
95	1615
95	1630
95	1645
91	1700
71	1715
84	1730
70	1745
67	1800
70	1815
70	1830
70	1845
64	1900

CAR PARK OCCUPANCY SURVEY										
MERTHYR TYDFIL RETAIL CAR PARK Friday 20th March 2020 1000 - 1900										
Car Park ->		Marked Bays in Car Park		Disabled		Parent & Child		Total		
Spaces ->		277		22		4		368		
Day	Time	Occupied	Stress	Occupied	Stress	Occupied	Stress	Occupied	Stress	
Friday 20th March 2020	1000	72	26%	3	14%	3	75%	78	26%	1000
	1030	82	30%	5	23%	4	100%	91	30%	1030
	1100	85	31%	5	23%	4	100%	94	31%	1100
	1130	83	30%	5	23%	4	100%	92	30%	1130
	1200	86	31%	5	23%	3	75%	94	31%	1200
	1230	82	30%	5	23%	4	100%	91	30%	1230
	1300	86	31%	5	23%	4	100%	95	31%	1300
	1330	90	32%	5	23%	4	100%	99	33%	1330
	1400	95	34%	4	18%	4	100%	103	34%	1400
	1430	90	32%	5	23%	4	100%	99	33%	1430
	1500	87	31%	5	23%	4	100%	96	32%	1500
	1530	85	31%	5	23%	4	100%	94	31%	1530
	1600	84	30%	5	23%	3	75%	92	30%	1600
	1630	83	30%	5	23%	2	50%	90	30%	1630
	1700	84	30%	4	18%	3	75%	91	30%	1700
	1730	79	29%	2	9%	3	75%	84	28%	1730
	1800	63	23%	2	9%	2	50%	67	23%	1800
	1830	60	22%	3	14%	3	75%	66	22%	1830
	1900	57	21%	4	18%	3	75%	64	21%	1900



CAR PARK OCCUPANCY SURVEY									
ALDI RETAIL CAR PARK Friday 20th March 2020 1000 - 1900									
Car Park ->		Marked Bays in Car Park		Disabled		Parent & Child		Total	
Spaces ->		70		5		4		79	
Day	Time	Occupied	Stress	Occupied	Stress	Occupied	Stress	Occupied	Stress
Friday 20th March 2020	1000	50	84%	3	60%	3	75%	65	82%
	1030	63	90%	5	100%	4	100%	72	91%
	1100	66	94%	5	100%	4	100%	75	95%
	1130	63	90%	5	100%	4	100%	72	91%
	1200	61	87%	5	100%	3	75%	69	87%
	1230	57	81%	5	100%	4	100%	66	84%
	1300	60	86%	5	100%	4	100%	69	87%
	1330	64	91%	5	100%	4	100%	73	92%
	1400	68	97%	4	80%	4	100%	76	96%
	1430	63	90%	5	100%	4	100%	72	91%
	1500	59	84%	5	100%	4	100%	68	86%
	1530	60	86%	5	100%	4	100%	69	87%
	1600	61	87%	5	100%	3	75%	69	87%
	1630	61	87%	5	100%	2	50%	68	86%
	1700	62	89%	4	80%	3	75%	69	87%
	1730	58	83%	2	40%	3	75%	63	80%
	1800	43	61%	2	40%	2	50%	47	59%
	1830	41	59%	3	60%	3	75%	47	59%
	1900	38	54%	4	80%	3	75%	45	57%

CAR PARK OCCUPANCY SURVEY										
CASTLE BINGO RETAIL CAR PARK Friday 20th March 2020 1000 - 1900										
Car Park ->		Marked Bays in Car Park		Disabled				Total		
Spaces ->		257		17				224		
Day	Time	Occupied	Stress	Occupied	Stress			Occupied	Stress	Time
Friday 20th March 2020	1000	12	17%	0	0%	1		13	6%	1000
	1030	18	26%	0	0%	1		19	8%	1030
	1100	19	27%	0	0%	0		19	8%	1100
	1130	20	29%	0	0%	0		20	9%	1130
	1200	22	31%	0	0%	3		25	11%	1200
	1230	22	31%	0	0%	3		25	11%	1230
	1300	23	33%	0	0%	3		26	12%	1300
	1330	22	31%	0	0%	4		26	12%	1330
	1400	22	31%	0	0%	5		27	12%	1400
	1430	22	31%	0	0%	5		27	12%	1430
	1500	23	33%	0	0%	5		28	13%	1500
	1530	21	30%	0	0%	4		25	11%	1530
	1600	20	29%	0	0%	3		23	10%	1600
	1630	20	29%	0	0%	2		22	10%	1630
	1700	20	29%	0	0%	2		22	10%	1700
	1730	19	27%	0	0%	2		21	9%	1730
	1800	18	26%	0	0%	2		20	9%	1800
	1830	19	27%	0	0%	0		19	8%	1830
	1900	19	27%	0	0%	0		19	8%	1900

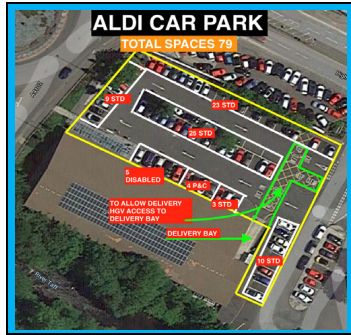
Merthyr Tydfil Retail Park - Sunday 22nd March 2020

		Inbound			Outbound		
Day	Time	Car	HGV/Bus	TOTAL	Car	HGV/Bus	TOTAL
Sunday 22nd March 2020	1000-1015	40	0	40	21	0	21
	1015-1030	37	0	37	39	0	39
	1030-1045	34	0	34	35	0	35
	1045-1100	32	0	32	35	0	35
	Hourly Total	143	0	143	130	0	130
	1100-1115	31	0	31	37	0	37
	1115-1130	30	0	30	31	0	31
	1130-1145	31	1	32	33	0	33
	1145-1200	33	0	33	39	0	39
	Hourly Total	125	1	126	140	0	140
	1200-1215	33	1	34	26	0	26
	1215-1230	29	0	29	35	0	35
	1230-1245	30	0	30	30	0	30
	1245-1300	32	0	32	28	0	28
	Hourly Total	124	1	125	119	0	119
	1300-1315	24	0	24	34	1	35
	1315-1330	23	0	23	31	1	32
	1330-1345	27	0	27	33	0	33
	1345-1400	21	0	21	21	0	21
	Hourly Total	95	0	95	119	2	121
	1400-1415	24	0	24	30	0	30
	1415-1430	24	0	24	23	0	23
	1430-1445	18	0	18	25	0	25
	1445-1500	21	0	21	19	0	19
	Hourly Total	87	0	87	97	0	97
	1500-1515	22	0	22	28	0	28
	1515-1530	21	0	21	24	0	24
	1530-1545	14	0	14	17	0	17
	1545-1600	3	0	3	7	0	7
	Hourly Total	60	0	60	76	0	76
		Inbound			Outbound		
TOTALS		Car	HGV/Bus	TOTAL	Car	HGV/Bus	TOTAL
		634	2	636	681	2	683

Start	Species
60	303

Account	TIME
79	1015
77	1030
76	1045
79	1100
67	1115
96	1130
95	1145
39	1200
67	1215
64	1230
64	1245
65	1300
54	1315
49	1330
39	1345
39	1400
33	1415
34	1430
27	1445
28	1500
23	1515
28	1530
17	1545
13	1600

CAR PARK OCCUPANCY SURVEY									
MERTHYR TYDFIL RETAIL CAR PARK Sunday 22nd March 2020 1000 - 1600									
Day	Time	Car Park ->	Marked Bays in Car Park		Disabled		Parent & Child		Total
		Spaces ->	277	Stress	22	Stress	4	Stress	
Sunday 22nd March 2020	1000	55	20%	4	18%	1	25%	60	20%
	1030	72	26%	5	18%	1	25%	77	25%
	1100	66	24%	5	23%	2	50%	73	24%
	1130	62	22%	4	18%	2	50%	68	22%
	1200	55	20%	2	9%	2	50%	59	19%
	1230	55	20%	3	14%	3	75%	61	20%
	1300	57	21%	4	18%	4	100%	65	21%
	1330	38	14%	3	14%	4	100%	45	15%
	1400	35	13%	2	9%	2	50%	39	13%
	1430	31	11%	2	9%	1	25%	34	11%
	1500	26	9%	2	9%	1	25%	29	10%
	1530	19	7%	1	5%	0	0%	20	7%
	1600	12	4%	1	5%	0	0%	13	4%



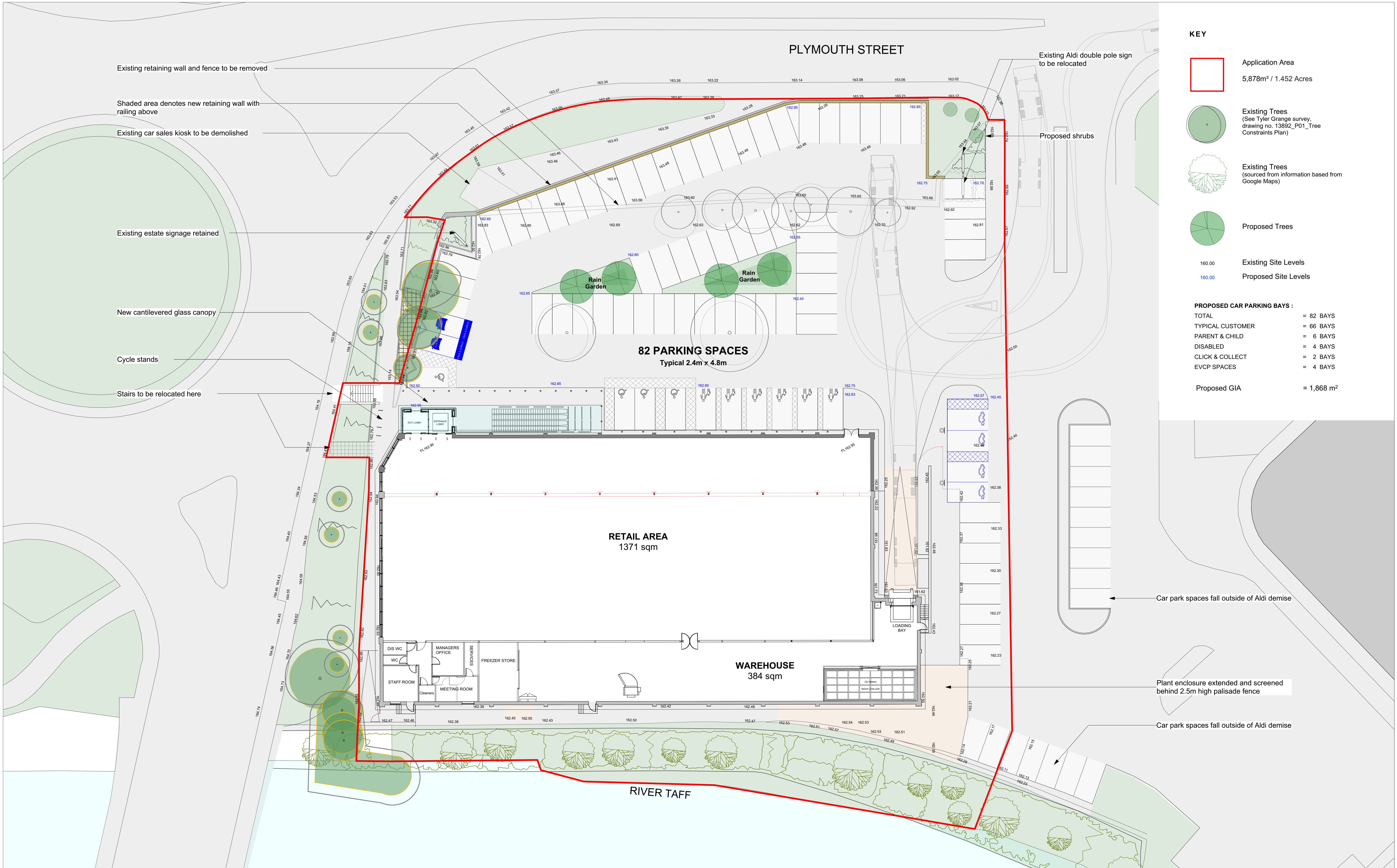
CAR PARK OCCUPANCY SURVEY									
ALDI CAR PARK Sunday 22nd March 2020 1000 - 1600									
Day	Time	Car Park ->	Marked Bays in Car Park		Disabled		Parent & Child		Total
		Spaces ->	70	Stress	5	Stress	4	Stress	
Sunday 22nd March 2020	1000	35	50%	4	80%	1	25%	40	51%
	1030	51	73%	4	80%	1	25%	56	71%
	1100	44	63%	5	100%	2	50%	51	65%
	1130	40	57%	4	80%	2	50%	46	58%
	1200	35	50%	2	40%	2	50%	39	49%
	1230	37	53%	3	60%	3	75%	43	54%
	1300	39	56%	4	80%	4	100%	47	59%
	1330	38	54%	3	60%	4	100%	45	57%
	1400	35	50%	2	40%	2	50%	39	49%
	1430	31	44%	2	40%	1	25%	34	43%
	1500	26	37%	2	40%	1	25%	29	37%
	1530	19	27%	1	20%	0	0%	20	25%
	1600	12	17%	1	20%	0	0%	13	16%

CAR PARK OCCUPANCY SURVEY										
CASTLE BINGO CAR PARK Sunday 22nd March 2020 1000 - 1600										
Car Park ->		Marked Bays in Car Park		Disabled				Total		
Spaces ->		207		17				224		
Day	Time	Occupied	Stress	Occupied	Stress			Occupied	Stress	Time
Sunday 22nd March 2020	1000	15	7%	0	0%	1		16	7%	1000
	1030	16	8%	0	0%	1		17	8%	1030
	1100	16	8%	0	0%	2		18	8%	1100
	1130	16	8%	0	0%	3		19	8%	1130
	1200	16	8%	0	0%	3		19	8%	1200
	1230	16	8%	0	0%	3		19	8%	1230
	1300	16	8%	0	0%	4		20	9%	1300
	1330	17	8%	0	0%	4		21	9%	1330
	1400	18	9%	0	0%	4		22	10%	1400
	1430	18	9%	0	0%	4		22	10%	1430
	1500	17	8%	0	0%	3		20	9%	1500
	1530	17	8%	0	0%	1		18	8%	1530
	1600	17	8%	0	0%	1		18	8%	1600

Vehicles Parked Illegally



APPENDIX C



KEY

Application Area
5,878m² / 1.452 Acres

Existing Trees
(See Tyler Grange survey,
drawing no. 13892_P01_Tree
Constraints Plan)

Existing Trees
(sourced from information based from
Google Maps)

Proposed Trees

Existing Site Levels
Proposed Site Levels

PROPOSED CAR PARKING BAYS :

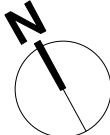
TOTAL = 82 BAYS
TYPICAL CUSTOMER = 66 BAYS
PARENT & CHILD = 6 BAYS
DISABLED = 4 BAYS
CLICK & COLLECT = 2 BAYS
EVCP SPACES = 4 BAYS

Proposed GIA = 1,868 m²

Car park spaces fall outside of Aldi demise

Plant enclosure extended and screened
behind 2.5m high palisade fence

Car park spaces fall outside of Aldi demise



0 25 40 M
Scale = 1:500 @ A1

Kendall Kingscott



Chartered Architects
Chartered Building Surveyors
Interior Designers
CDM Services

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Project
Plymouth St, Merthyr Tydfil
Store Extension
Client
Aldi Stores Ltd

Scale 1:200 Paper Size A1 Filename Merthyr Extension.vwx
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P2 18/05/21 JS GS Amendment to red line site boundary.
P1 09/03/2021 KH JS First issue
Rev Date By Ap Note

Drawing Title
Proposed Site Plan

Project Number Drawing Number Revision
170629-1504 P2

Date Drawn Checked Status
09/03/21 KH JS PLANNING

Check all dimensions and levels on site

Only to be used on the site for which designed. The electronic transmission of design information contained in this drawing is carried out entirely at the User's risk and Kendall Kingscott Ltd. will have no liability for any errors or inaccuracies which may occur in the design information. The production of amended or updated information from the user design information by the User is entirely the responsibility of the User and Kendall Kingscott Ltd. shall have no responsibility in respect thereof whatsoever.



APPENDIX D

Filtering Summary

Land Use	01/C	RETAIL/DISCOUNT FOOD STORES
Selected Trip Rate Calculation Parameter Range	900-2635 sqm GFA	
Actual Trip Rate Calculation Parameter Range	1354-2568 sqm GFA	
Date Range	Minimum: 01/01/12	Maximum: 14/03/20
Parking Spaces Range	All Surveys Included	
Days of the week selected	Monday	1
	Tuesday	3
	Wednesday	4
	Thursday	2
	Friday	1
Main Location Types selected	Suburban Area (PPS6 Out of Centre)	3
	Edge of Town	2
	Neighbourhood Centre (PPS6 Local Centre)	6
Population within 500m	All Surveys Included	
Population <1 Mile ranges selected	10,001 to 15,000	3
	15,001 to 20,000	2
	20,001 to 25,000	1
	25,001 to 50,000	3
	50,001 to 100,000	2
Population <5 Mile ranges selected	25,001 to 50,000	1
	75,001 to 100,000	1
	125,001 to 250,000	2
	250,001 to 500,000	3
	500,001 or More	4
Car Ownership <5 Mile ranges selected	0.6 to 1.0	8
	1.1 to 1.5	2
	2.1 to 2.5	1
PTAL Rating	No PTAL Present	9
	2 Poor	1
	4 Good	1

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL
Category : C - DISCOUNT FOOD STORES
MULTI-MODAL TOTAL VEHICLES

Selected regions and areas:

01	GREATER LONDON	
	BE BEXLEY	1 days
	MR MERTON	1 days
04	EAST ANGLIA	
	NF NORFOLK	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	2 days
	WO WORCESTERSHIRE	1 days
09	NORTH	
	TW TYNE & WEAR	1 days
10	WALES	
	CF CARDIFF	1 days
11	SCOTLAND	
	AD ABERDEEN CITY	1 days
13	MUNSTER	
	KE KERRY	1 days
15	GREATER DUBLIN	
	DL DUBLIN	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Primary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Gross floor area
Actual Range: 1354 to 2568 (units: sqm)
Range Selected by User: 900 to 2635 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/12 to 14/03/20

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday	1 days
Tuesday	3 days
Wednesday	4 days
Thursday	2 days
Friday	1 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	11 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	3
Edge of Town	2
Neighbourhood Centre (PPS6 Local Centre)	6

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Industrial Zone	2
Development Zone	1
Residential Zone	2
Retail Zone	1
High Street	1
No Sub Category	4

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Secondary Filtering selection:

Use Class:

A1	11 days
----	---------

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

All Surveys Included

Population within 1 mile:

10,001 to 15,000	3 days
15,001 to 20,000	2 days
20,001 to 25,000	1 days
25,001 to 50,000	3 days
50,001 to 100,000	2 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

25,001 to 50,000	1 days
75,001 to 100,000	1 days
125,001 to 250,000	2 days
250,001 to 500,000	3 days
500,001 or More	4 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	8 days
1.1 to 1.5	2 days
2.1 to 2.5	1 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Petrol filling station:

Included in the survey count	0 days
Excluded from count or no filling station	11 days

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Travel Plan:

No	11 days
----	---------

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	9 days
2 Poor	1 days
4 Good	1 days

This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

1	AD-01-C-01	LIDL	ABERDEEN CITY
	GREENWELL ROAD ABERDEEN EAST TULLOS IND. ESTATE Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: 1950 sqm Survey date: MONDAY 18/11/19 Survey Type: MANUAL		
2	BE-01-C-01	LIDL	BEXLEY
	CLYDESDALE WAY BELVEDERE Edge of Town Industrial Zone Total Gross floor area: 2145 sqm Survey date: WEDNESDAY 06/11/19 Survey Type: MANUAL		
3	CF-01-C-01	LIDL	CARDIFF
	EAST TYNDALL STREET CARDIFF Suburban Area (PPS6 Out of Centre) Development Zone Total Gross floor area: 2568 sqm Survey date: THURSDAY 29/06/17 Survey Type: MANUAL		
4	DL-01-C-01	LIDL	DUBLIN
	SALLYNOGGIN ROAD DUBLIN THOMASTOWN Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 2163 sqm Survey date: WEDNESDAY 20/06/18 Survey Type: MANUAL		
5	KE-01-C-01	ALDI	KERRY
	DEERPARK ROAD KILLARNEY Suburban Area (PPS6 Out of Centre) No Sub Category Total Gross floor area: 1354 sqm Survey date: THURSDAY 17/10/19 Survey Type: MANUAL		
6	MR-01-C-01	LIDL	MERTON
	STREATHAM ROAD MITCHAM Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 2400 sqm Survey date: WEDNESDAY 06/11/19 Survey Type: MANUAL		
7	NF-01-C-01	LIDL	NORFOLK
	AYLSHAM ROAD NORWICH Neighbourhood Centre (PPS6 Local Centre) No Sub Category Total Gross floor area: 2555 sqm Survey date: FRIDAY 29/11/19 Survey Type: MANUAL		
8	TW-01-C-01	ALDI	TYNE & WEAR
	EDGEFIELD AVENUE NEWCASTLE FAWDON Neighbourhood Centre (PPS6 Local Centre) No Sub Category Total Gross floor area: 1798 sqm Survey date: TUESDAY 30/04/19 Survey Type: MANUAL		

LIST OF SITES relevant to selection parameters (Cont.)

9	WM-01-C-01	LIDL	WEST MIDLANDS
	MACKADOWN LANE		
	BIRMINGHAM		
	KITT'S GREEN		
	Neighbourhood Centre (PPS6 Local Centre)		
	No Sub Category		
	Total Gross floor area:	2085 sqm	
	Survey date: TUESDAY	12/07/16	Survey Type: MANUAL
10	WM-01-C-02	LIDL	WEST MIDLANDS
	HIGH STREET		
	WEST BROMWICH		
	GUNS VILLAGE		
	Neighbourhood Centre (PPS6 Local Centre)		
	High Street		
	Total Gross floor area:	2085 sqm	
	Survey date: TUESDAY	12/07/16	Survey Type: MANUAL
11	WO-01-C-01	LIDL	WORCESTERSHIRE
	BLACKPOLE ROAD		
	WORCESTER		
	BRICKFIELDS		
	Edge of Town		
	Retail Zone		
	Total Gross floor area:	2417 sqm	
	Survey date: WEDNESDAY	13/07/16	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES
MULTI-MODAL TOTAL VEHICLES
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	10	2217	0.374	10	2217	0.086	10	2217	0.460
08:00 - 09:00	11	2138	2.445	11	2138	1.599	11	2138	4.044
09:00 - 10:00	11	2138	3.116	11	2138	2.568	11	2138	5.684
10:00 - 11:00	11	2138	3.304	11	2138	3.010	11	2138	6.314
11:00 - 12:00	11	2138	3.631	11	2138	3.380	11	2138	7.011
12:00 - 13:00	11	2138	3.873	11	2138	3.924	11	2138	7.797
13:00 - 14:00	11	2138	4.043	11	2138	4.196	11	2138	8.239
14:00 - 15:00	11	2138	3.614	11	2138	3.941	11	2138	7.555
15:00 - 16:00	11	2138	3.759	11	2138	3.682	11	2138	7.441
16:00 - 17:00	11	2138	4.039	11	2138	4.209	11	2138	8.248
17:00 - 18:00	11	2138	3.652	11	2138	3.912	11	2138	7.564
18:00 - 19:00	11	2138	3.661	11	2138	3.848	11	2138	7.509
19:00 - 20:00	11	2138	2.734	11	2138	3.019	11	2138	5.753
20:00 - 21:00	11	2138	1.752	11	2138	2.143	11	2138	3.895
21:00 - 22:00	11	2138	1.025	11	2138	1.390	11	2138	2.415
22:00 - 23:00	10	2136	0.033	10	2136	0.234	10	2136	0.267
23:00 - 24:00									
Total Rates:		45.055			45.141				90.196

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

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Parameter summary

Trip rate parameter range selected:	1354 - 2568 (units: sqm)
Survey date range:	01/01/12 - 14/03/20
Number of weekdays (Monday-Friday):	11
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES
MULTI-MODAL CYCLISTS
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	10	2217	0.009	10	2217	0.000	10	2217	0.009
08:00 - 09:00	11	2138	0.068	11	2138	0.055	11	2138	0.123
09:00 - 10:00	11	2138	0.038	11	2138	0.043	11	2138	0.081
10:00 - 11:00	11	2138	0.064	11	2138	0.047	11	2138	0.111
11:00 - 12:00	11	2138	0.077	11	2138	0.055	11	2138	0.132
12:00 - 13:00	11	2138	0.060	11	2138	0.072	11	2138	0.132
13:00 - 14:00	11	2138	0.064	11	2138	0.051	11	2138	0.115
14:00 - 15:00	11	2138	0.060	11	2138	0.060	11	2138	0.120
15:00 - 16:00	11	2138	0.072	11	2138	0.072	11	2138	0.144
16:00 - 17:00	11	2138	0.077	11	2138	0.055	11	2138	0.132
17:00 - 18:00	11	2138	0.128	11	2138	0.123	11	2138	0.251
18:00 - 19:00	11	2138	0.085	11	2138	0.094	11	2138	0.179
19:00 - 20:00	11	2138	0.038	11	2138	0.060	11	2138	0.098
20:00 - 21:00	11	2138	0.060	11	2138	0.068	11	2138	0.128
21:00 - 22:00	11	2138	0.009	11	2138	0.047	11	2138	0.056
22:00 - 23:00	10	2136	0.009	10	2136	0.023	10	2136	0.032
23:00 - 24:00									
Total Rates:			0.918			0.925			1.843

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES
MULTI-MODAL VEHICLE OCCUPANTS
 Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	10	2217	0.474	10	2217	0.117	10	2217	0.591
08:00 - 09:00	11	2138	3.048	11	2138	1.939	11	2138	4.987
09:00 - 10:00	11	2138	4.107	11	2138	3.329	11	2138	7.436
10:00 - 11:00	11	2138	4.575	11	2138	4.184	11	2138	8.759
11:00 - 12:00	11	2138	4.966	11	2138	4.566	11	2138	9.532
12:00 - 13:00	11	2138	5.281	11	2138	5.578	11	2138	10.859
13:00 - 14:00	11	2138	5.697	11	2138	5.804	11	2138	11.501
14:00 - 15:00	11	2138	5.043	11	2138	5.387	11	2138	10.430
15:00 - 16:00	11	2138	5.548	11	2138	5.264	11	2138	10.812
16:00 - 17:00	11	2138	5.680	11	2138	6.016	11	2138	11.696
17:00 - 18:00	11	2138	4.996	11	2138	5.489	11	2138	10.485
18:00 - 19:00	11	2138	5.319	11	2138	5.374	11	2138	10.693
19:00 - 20:00	11	2138	3.920	11	2138	4.277	11	2138	8.197
20:00 - 21:00	11	2138	2.496	11	2138	3.036	11	2138	5.532
21:00 - 22:00	11	2138	1.424	11	2138	1.943	11	2138	3.367
22:00 - 23:00	10	2136	0.052	10	2136	0.309	10	2136	0.361
23:00 - 24:00									
Total Rates:	62.626			62.612			125.238		

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES
 MULTI-MODAL PEDESTRIANS
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	10	2217	0.244	10	2217	0.068	10	2217	0.312
08:00 - 09:00	11	2138	1.199	11	2138	0.944	11	2138	2.143
09:00 - 10:00	11	2138	1.701	11	2138	1.331	11	2138	3.032
10:00 - 11:00	11	2138	1.837	11	2138	1.556	11	2138	3.393
11:00 - 12:00	11	2138	1.616	11	2138	1.641	11	2138	3.257
12:00 - 13:00	11	2138	2.088	11	2138	2.194	11	2138	4.282
13:00 - 14:00	11	2138	2.058	11	2138	2.066	11	2138	4.124
14:00 - 15:00	11	2138	1.939	11	2138	1.849	11	2138	3.788
15:00 - 16:00	11	2138	1.956	11	2138	2.173	11	2138	4.129
16:00 - 17:00	11	2138	2.275	11	2138	2.394	11	2138	4.669
17:00 - 18:00	11	2138	2.330	11	2138	2.338	11	2138	4.668
18:00 - 19:00	11	2138	1.990	11	2138	2.105	11	2138	4.095
19:00 - 20:00	11	2138	1.190	11	2138	1.535	11	2138	2.725
20:00 - 21:00	11	2138	1.067	11	2138	1.161	11	2138	2.228
21:00 - 22:00	11	2138	0.646	11	2138	0.884	11	2138	1.530
22:00 - 23:00	10	2136	0.005	10	2136	0.094	10	2136	0.099
23:00 - 24:00									
Total Rates:		24.141			24.333			48.474	

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES
 MULTI-MODAL BUS/TRAM PASSENGERS
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	10	2217	0.068	10	2217	0.027	10	2217	0.095
08:00 - 09:00	11	2138	0.234	11	2138	0.072	11	2138	0.306
09:00 - 10:00	11	2138	0.242	11	2138	0.204	11	2138	0.446
10:00 - 11:00	11	2138	0.344	11	2138	0.310	11	2138	0.654
11:00 - 12:00	11	2138	0.298	11	2138	0.247	11	2138	0.545
12:00 - 13:00	11	2138	0.323	11	2138	0.259	11	2138	0.582
13:00 - 14:00	11	2138	0.361	11	2138	0.417	11	2138	0.778
14:00 - 15:00	11	2138	0.438	11	2138	0.451	11	2138	0.889
15:00 - 16:00	11	2138	0.434	11	2138	0.395	11	2138	0.829
16:00 - 17:00	11	2138	0.446	11	2138	0.412	11	2138	0.858
17:00 - 18:00	11	2138	0.468	11	2138	0.510	11	2138	0.978
18:00 - 19:00	11	2138	0.485	11	2138	0.519	11	2138	1.004
19:00 - 20:00	11	2138	0.255	11	2138	0.319	11	2138	0.574
20:00 - 21:00	11	2138	0.196	11	2138	0.204	11	2138	0.400
21:00 - 22:00	11	2138	0.089	11	2138	0.115	11	2138	0.204
22:00 - 23:00	10	2136	0.000	10	2136	0.037	10	2136	0.037
23:00 - 24:00									
Total Rates:		4.681			4.498				9.179

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES
MULTI-MODAL PUBLIC TRANSPORT USERS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	10	2217	0.072	10	2217	0.027	10	2217	0.099
08:00 - 09:00	11	2138	0.251	11	2138	0.072	11	2138	0.323
09:00 - 10:00	11	2138	0.251	11	2138	0.204	11	2138	0.455
10:00 - 11:00	11	2138	0.357	11	2138	0.315	11	2138	0.672
11:00 - 12:00	11	2138	0.302	11	2138	0.247	11	2138	0.549
12:00 - 13:00	11	2138	0.327	11	2138	0.268	11	2138	0.595
13:00 - 14:00	11	2138	0.361	11	2138	0.425	11	2138	0.786
14:00 - 15:00	11	2138	0.446	11	2138	0.459	11	2138	0.905
15:00 - 16:00	11	2138	0.438	11	2138	0.404	11	2138	0.842
16:00 - 17:00	11	2138	0.463	11	2138	0.421	11	2138	0.884
17:00 - 18:00	11	2138	0.476	11	2138	0.510	11	2138	0.986
18:00 - 19:00	11	2138	0.497	11	2138	0.527	11	2138	1.024
19:00 - 20:00	11	2138	0.259	11	2138	0.323	11	2138	0.582
20:00 - 21:00	11	2138	0.196	11	2138	0.204	11	2138	0.400
21:00 - 22:00	11	2138	0.094	11	2138	0.119	11	2138	0.213
22:00 - 23:00	10	2136	0.000	10	2136	0.047	10	2136	0.047
23:00 - 24:00									
Total Rates:		4.790			4.572				9.362

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES
MULTI-MODAL TOTAL PEOPLE
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	10	2217	0.799	10	2217	0.212	10	2217	1.011
08:00 - 09:00	11	2138	4.566	11	2138	3.010	11	2138	7.576
09:00 - 10:00	11	2138	6.097	11	2138	4.906	11	2138	11.003
10:00 - 11:00	11	2138	6.832	11	2138	6.101	11	2138	12.933
11:00 - 12:00	11	2138	6.960	11	2138	6.509	11	2138	13.469
12:00 - 13:00	11	2138	7.755	11	2138	8.112	11	2138	15.867
13:00 - 14:00	11	2138	8.180	11	2138	8.346	11	2138	16.526
14:00 - 15:00	11	2138	7.487	11	2138	7.755	11	2138	15.242
15:00 - 16:00	11	2138	8.014	11	2138	7.912	11	2138	15.926
16:00 - 17:00	11	2138	8.495	11	2138	8.886	11	2138	17.381
17:00 - 18:00	11	2138	7.929	11	2138	8.461	11	2138	16.390
18:00 - 19:00	11	2138	7.891	11	2138	8.099	11	2138	15.990
19:00 - 20:00	11	2138	5.408	11	2138	6.195	11	2138	11.603
20:00 - 21:00	11	2138	3.818	11	2138	4.469	11	2138	8.287
21:00 - 22:00	11	2138	2.173	11	2138	2.993	11	2138	5.166
22:00 - 23:00	10	2136	0.066	10	2136	0.473	10	2136	0.539
23:00 - 24:00									
Total Rates:		92.470			92.439			184.909	

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES
 MULTI-MODAL Bus Passengers
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	10	2217	0.054	10	2217	0.027	10	2217	0.081
08:00 - 09:00	11	2138	0.089	11	2138	0.043	11	2138	0.132
09:00 - 10:00	11	2138	0.094	11	2138	0.102	11	2138	0.196
10:00 - 11:00	11	2138	0.136	11	2138	0.123	11	2138	0.259
11:00 - 12:00	11	2138	0.149	11	2138	0.123	11	2138	0.272
12:00 - 13:00	11	2138	0.098	11	2138	0.128	11	2138	0.226
13:00 - 14:00	11	2138	0.170	11	2138	0.221	11	2138	0.391
14:00 - 15:00	11	2138	0.264	11	2138	0.289	11	2138	0.553
15:00 - 16:00	11	2138	0.276	11	2138	0.247	11	2138	0.523
16:00 - 17:00	11	2138	0.340	11	2138	0.276	11	2138	0.616
17:00 - 18:00	11	2138	0.332	11	2138	0.336	11	2138	0.668
18:00 - 19:00	11	2138	0.395	11	2138	0.408	11	2138	0.803
19:00 - 20:00	11	2138	0.204	11	2138	0.230	11	2138	0.434
20:00 - 21:00	11	2138	0.166	11	2138	0.157	11	2138	0.323
21:00 - 22:00	11	2138	0.081	11	2138	0.081	11	2138	0.162
22:00 - 23:00	10	2136	0.000	10	2136	0.023	10	2136	0.023
23:00 - 24:00									
Total Rates:	2.848			2.814			5.662		

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.