



The City of Red Deer
4914 – 48 Avenue
Red Deer, Alberta, Canada T4N 3T4
403- 342-8111 richard.silvestre@reddeer.ca
CORD

Count Name: 52 Street - 49 Avenue - AM,
NOON & PM
Site Code:
Start Date: 06-06-2024
Page No: 1

Turning Movement Data

Start Time	Southbound St. Southbound		Westbound St. Westbound					Northbound St. Northbound					Eastbound St. Eastbound					Int. Total
	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	
7:00 AM	0	0	1	0	0	0	1	9	63	2	0	74	4	3	0	0	7	82
7:15 AM	1	0	4	2	0	3	6	8	101	2	7	111	14	8	0	5	22	139
7:30 AM	2	0	5	4	0	3	9	8	134	3	10	145	10	12	0	3	22	176
7:45 AM	2	0	9	6	0	6	15	17	158	6	13	181	10	17	0	4	27	223
Hourly Total	5	0	19	12	0	12	31	42	456	13	30	511	38	40	0	12	78	620
8:00 AM	3	0	21	12	0	10	33	22	164	7	15	193	14	13	0	8	27	253
8:15 AM	1	0	13	3	0	3	16	16	152	1	4	169	15	9	0	6	24	209
8:30 AM	0	0	7	2	0	3	9	19	129	4	4	152	7	9	0	6	16	177
8:45 AM	0	0	15	4	0	7	19	30	187	2	2	219	21	8	0	8	29	267
Hourly Total	4	0	56	21	0	23	77	87	632	14	25	733	57	39	0	28	96	906
9:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
11:30 AM	3	0	8	5	0	6	13	18	235	0	2	253	16	6	0	4	22	288
11:45 AM	1	0	8	3	0	1	11	23	240	2	2	265	19	6	0	6	25	301
Hourly Total	4	0	16	8	0	7	24	41	475	2	4	518	35	12	0	10	47	589
12:00 PM	5	0	7	6	0	8	13	19	271	5	13	295	33	14	0	8	47	355
12:15 PM	0	0	8	3	0	3	11	18	212	1	5	231	29	9	0	6	38	280
12:30 PM	9	0	6	1	0	8	7	12	213	4	5	229	19	10	0	6	29	265
12:45 PM	0	0	9	2	0	12	11	17	235	9	12	261	30	15	0	5	45	317
Hourly Total	14	0	30	12	0	31	42	66	931	19	35	1016	111	48	0	25	159	1217
1:00 PM	2	0	8	1	0	8	9	13	254	5	5	272	30	6	0	8	36	317
1:15 PM	5	0	12	3	0	4	15	18	222	7	4	247	32	3	0	16	35	297
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	7	0	20	4	0	12	24	31	476	12	9	519	62	9	0	24	71	614
3:00 PM	1	0	5	3	0	5	8	13	275	5	1	293	21	8	0	3	29	330
3:15 PM	1	0	5	4	0	7	9	16	268	3	1	287	29	6	0	6	35	331
3:30 PM	0	0	4	4	0	5	8	16	269	4	1	289	30	11	0	1	41	338
3:45 PM	2	0	9	4	0	5	13	11	265	2	2	278	23	7	0	1	30	321
Hourly Total	4	0	23	15	0	22	38	56	1077	14	5	1147	103	32	0	11	135	1320
4:00 PM	4	0	13	3	0	5	16	16	270	0	2	286	34	16	0	8	50	352
4:15 PM	4	0	10	5	0	0	15	17	237	5	2	259	35	12	0	9	47	321
4:30 PM	17	0	21	18	0	6	39	16	313	4	20	333	40	19	0	31	59	431
4:45 PM	4	0	7	5	0	1	12	17	282	2	1	301	36	19	0	7	55	368
Hourly Total	29	0	51	31	0	12	82	66	1102	11	25	1179	145	66	0	55	211	1472

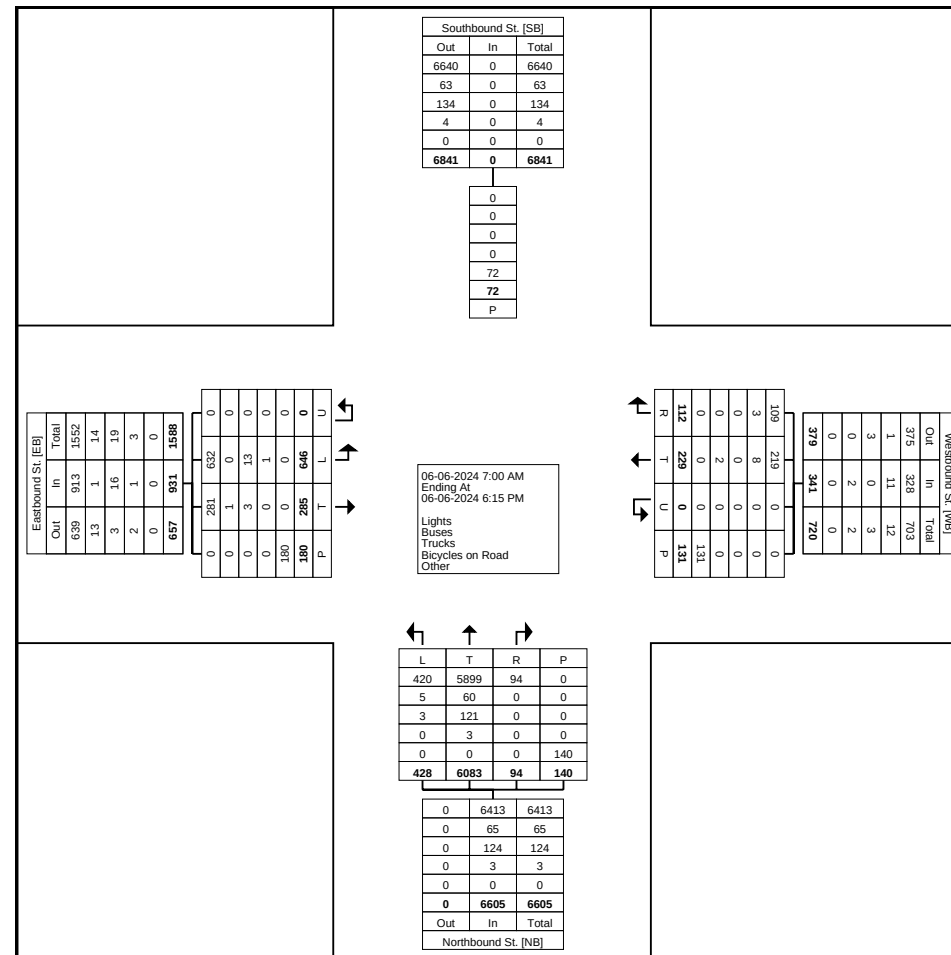
5:00 PM	2	0	4	4	0	2	8	10	262	2	2	274	36	15	0	5	51	333
5:15 PM	2	0	4	0	0	6	4	14	225	2	2	241	21	9	0	3	30	275
5:30 PM	0	0	6	4	0	2	10	4	240	3	2	247	15	5	0	4	20	277
5:45 PM	1	0	0	1	0	2	1	11	205	2	1	218	23	10	0	3	33	252
Hourly Total	5	0	14	9	0	12	23	39	932	9	7	980	95	39	0	15	134	1137
6:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Grand Total	72	0	229	112	0	131	341	428	6083	94	140	6605	646	285	0	180	931	7877
Approach %	-	-	67.2	32.8	0.0	-	-	6.5	92.1	1.4	-	-	69.4	30.6	0.0	-	-	-
Total %	-	0.0	2.9	1.4	0.0	-	4.3	5.4	77.2	1.2	-	83.9	8.2	3.6	0.0	-	11.8	-
Lights	-	0	219	109	0	-	328	420	5899	94	-	6413	632	281	0	-	913	7654
% Lights	-	-	95.6	97.3	-	-	96.2	98.1	97.0	100.0	-	97.1	97.8	98.6	-	-	98.1	97.2
Buses	-	0	8	3	0	-	11	5	60	0	-	65	0	1	0	-	1	77
% Buses	-	-	3.5	2.7	-	-	3.2	1.2	1.0	0.0	-	1.0	0.0	0.4	-	-	0.1	1.0
Trucks	-	0	0	0	0	-	0	3	121	0	-	124	13	3	0	-	16	140
% Trucks	-	-	0.0	0.0	-	-	0.0	0.7	2.0	0.0	-	1.9	2.0	1.1	-	-	1.7	1.8
Bicycles on Road	-	0	2	0	0	-	2	0	3	0	-	3	1	0	0	-	1	6
% Bicycles on Road	-	-	0.9	0.0	-	-	0.6	0.0	0.0	0.0	-	0.0	0.2	0.0	-	-	0.1	0.1
Bicycles on Crosswalk	2	-	-	-	-	13	-	-	-	-	1	-	-	-	-	15	-	-
% Bicycles on Crosswalk	2.8	-	-	-	-	9.9	-	-	-	-	0.7	-	-	-	-	8.3	-	-
Pedestrians	70	-	-	-	-	118	-	-	-	-	139	-	-	-	-	165	-	-
% Pedestrians	97.2	-	-	-	-	90.1	-	-	-	-	99.3	-	-	-	-	91.7	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (8:00 AM)

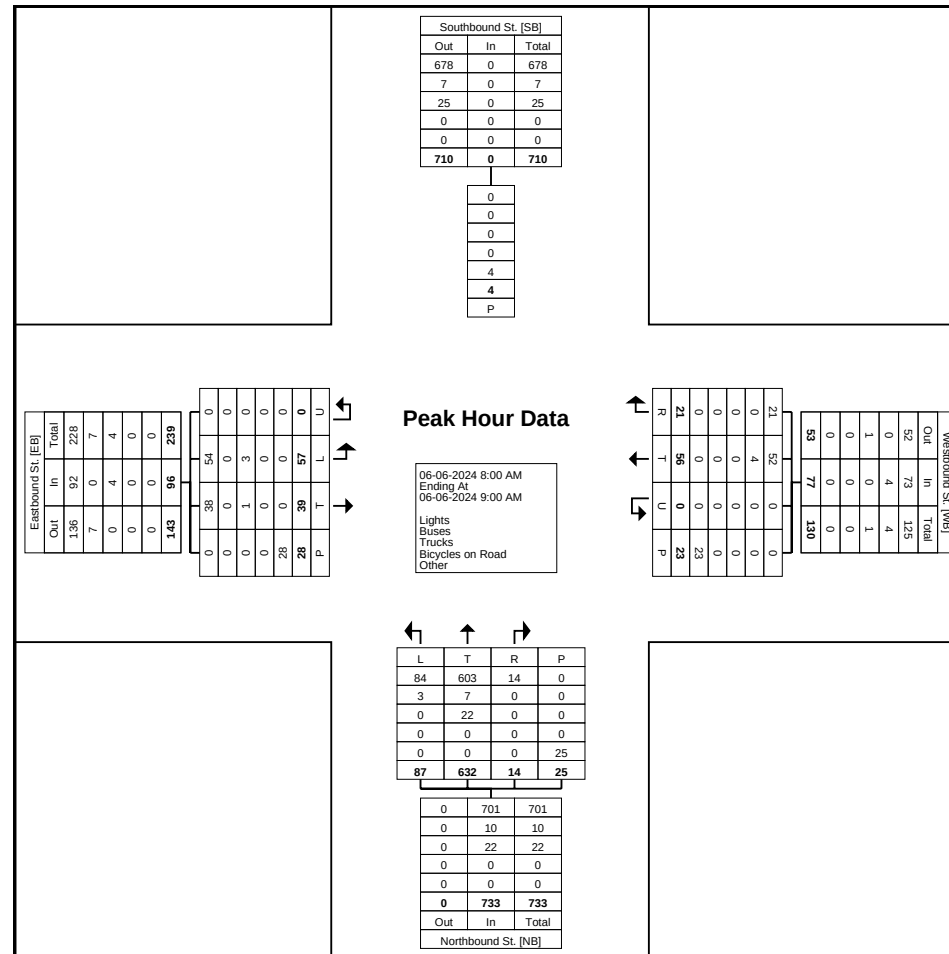
Start Time	Southbound St.		Westbound St.					Northbound St.					Eastbound St.					Int. Total
	Southbound		Westbound					Northbound					Eastbound					
	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	
8:00 AM	3	0	21	12	0	10	33	22	164	7	15	193	14	13	0	8	27	253
8:15 AM	1	0	13	3	0	3	16	16	152	1	4	169	15	9	0	6	24	209
8:30 AM	0	0	7	2	0	3	9	19	129	4	4	152	7	9	0	6	16	177
8:45 AM	0	0	15	4	0	7	19	30	187	2	2	219	21	8	0	8	29	267
Total	4	0	56	21	0	23	77	87	632	14	25	733	57	39	0	28	96	906
Approach %	-	-	72.7	27.3	0.0	-	-	11.9	86.2	1.9	-	-	59.4	40.6	0.0	-	-	-
Total %	-	0.0	6.2	2.3	0.0	-	8.5	9.6	69.8	1.5	-	80.9	6.3	4.3	0.0	-	10.6	-
PHF	-	0.000	0.667	0.438	0.000	-	0.583	0.725	0.845	0.500	-	0.837	0.679	0.750	0.000	-	0.828	0.848
Lights	-	0	52	21	0	-	73	84	603	14	-	701	54	38	0	-	92	866
% Lights	-	-	92.9	100.0	-	-	94.8	96.6	95.4	100.0	-	95.6	94.7	97.4	-	-	95.8	95.6
Buses	-	0	4	0	0	-	4	3	7	0	-	10	0	0	0	-	0	14
% Buses	-	-	7.1	0.0	-	-	5.2	3.4	1.1	0.0	-	1.4	0.0	0.0	-	-	0.0	1.5
Trucks	-	0	0	0	0	-	0	0	22	0	-	22	3	1	0	-	4	26
% Trucks	-	-	0.0	0.0	-	-	0.0	0.0	3.5	0.0	-	3.0	5.3	2.6	-	-	4.2	2.9
Bicycles on Road	-	0	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Bicycles on Road	-	-	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	0	-	-	-	-	0	-	-	-	-	0	-	-	-	-	1	-	-
% Bicycles on Crosswalk	0.0	-	-	-	-	0.0	-	-	-	-	0.0	-	-	-	-	3.6	-	-
Pedestrians	4	-	-	-	-	23	-	-	-	-	25	-	-	-	-	27	-	-
% Pedestrians	100.0	-	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	96.4	-	-



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Turning Movement Peak Hour Data Plot (8:00 AM)



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Turning Movement Peak Hour Data (11:30 AM)

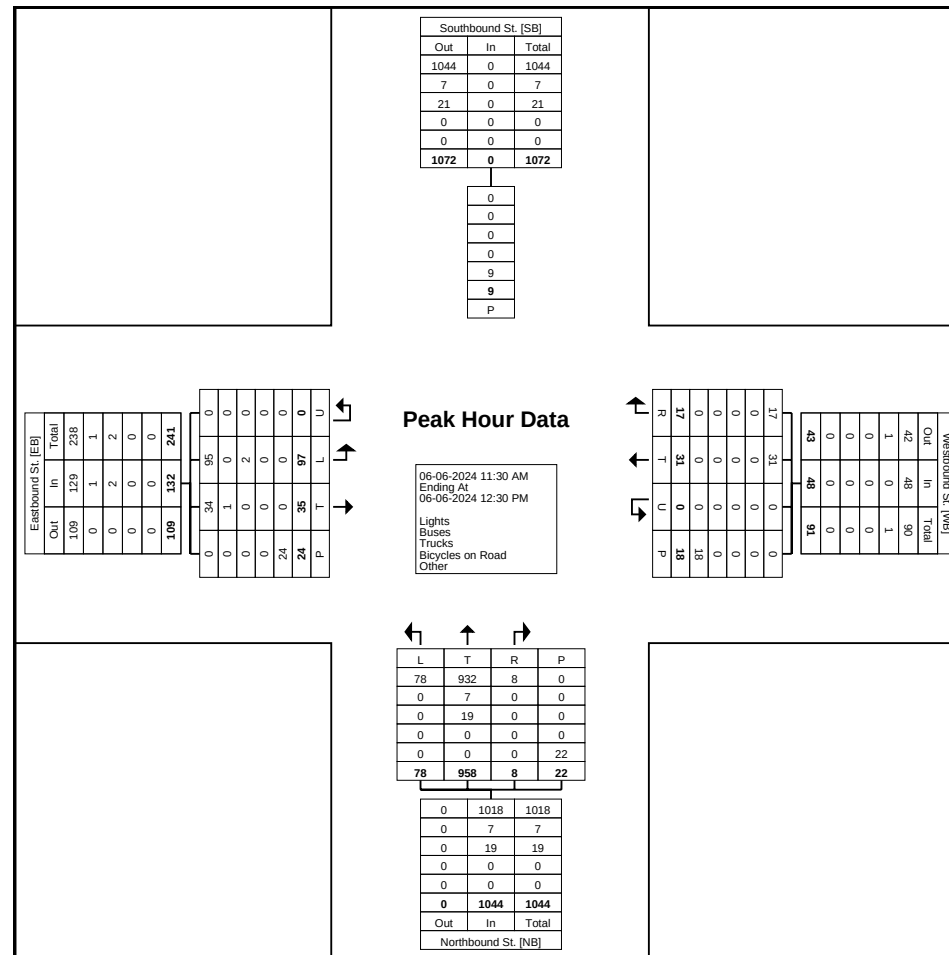
Start Time	Southbound St. Southbound		Westbound St. Westbound					Northbound St. Northbound					Eastbound St. Eastbound					Int. Total
	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	
11:30 AM	3	0	8	5	0	6	13	18	235	0	2	253	16	6	0	4	22	288
11:45 AM	1	0	8	3	0	1	11	23	240	2	2	265	19	6	0	6	25	301
12:00 PM	5	0	7	6	0	8	13	19	271	5	13	295	33	14	0	8	47	355
12:15 PM	0	0	8	3	0	3	11	18	212	1	5	231	29	9	0	6	38	280
Total	9	0	31	17	0	18	48	78	958	8	22	1044	97	35	0	24	132	1224
Approach %	-	-	64.6	35.4	0.0	-	-	7.5	91.8	0.8	-	-	73.5	26.5	0.0	-	-	-
Total %	-	0.0	2.5	1.4	0.0	-	3.9	6.4	78.3	0.7	-	85.3	7.9	2.9	0.0	-	10.8	-
PHF	-	0.000	0.969	0.708	0.000	-	0.923	0.848	0.884	0.400	-	0.885	0.735	0.625	0.000	-	0.702	0.862
Lights	-	0	31	17	0	-	48	78	932	8	-	1018	95	34	0	-	129	1195
% Lights	-	-	100.0	100.0	-	-	100.0	100.0	97.3	100.0	-	97.5	97.9	97.1	-	-	97.7	97.6
Buses	-	0	0	0	0	-	0	0	7	0	-	7	0	1	0	-	1	8
% Buses	-	-	0.0	0.0	-	-	0.0	0.0	0.7	0.0	-	0.7	0.0	2.9	-	-	0.8	0.7
Trucks	-	0	0	0	0	-	0	0	19	0	-	19	2	0	0	-	2	21
% Trucks	-	-	0.0	0.0	-	-	0.0	0.0	2.0	0.0	-	1.8	2.1	0.0	-	-	1.5	1.7
Bicycles on Road	-	0	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Bicycles on Road	-	-	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	0	-	-	-	-	1	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	0.0	-	-	-	-	5.6	-	-	-	-	0.0	-	-	-	-	0.0	-	-
Pedestrians	9	-	-	-	-	17	-	-	-	-	22	-	-	-	-	24	-	-
% Pedestrians	100.0	-	-	-	-	94.4	-	-	-	-	100.0	-	-	-	-	100.0	-	-



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Turning Movement Peak Hour Data Plot (11:30 AM)



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Count Name: 52 Street - 49 Avenue - AM,
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Turning Movement Peak Hour Data (4:00 PM)

Start Time	Southbound St. Southbound		Westbound St. Westbound					Northbound St. Northbound					Eastbound St. Eastbound					Int. Total
	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	
4:00 PM	4	0	13	3	0	5	16	16	270	0	2	286	34	16	0	8	50	352
4:15 PM	4	0	10	5	0	0	15	17	237	5	2	259	35	12	0	9	47	321
4:30 PM	17	0	21	18	0	6	39	16	313	4	20	333	40	19	0	31	59	431
4:45 PM	4	0	7	5	0	1	12	17	282	2	1	301	36	19	0	7	55	368
Total	29	0	51	31	0	12	82	66	1102	11	25	1179	145	66	0	55	211	1472
Approach %	-	-	62.2	37.8	0.0	-	-	5.6	93.5	0.9	-	-	68.7	31.3	0.0	-	-	-
Total %	-	0.0	3.5	2.1	0.0	-	5.6	4.5	74.9	0.7	-	80.1	9.9	4.5	0.0	-	14.3	-
PHF	-	0.000	0.607	0.431	0.000	-	0.526	0.971	0.880	0.550	-	0.885	0.906	0.868	0.000	-	0.894	0.854
Lights	-	0	48	31	0	-	79	63	1073	11	-	1147	141	66	0	-	207	1433
% Lights	-	-	94.1	100.0	-	-	96.3	95.5	97.4	100.0	-	97.3	97.2	100.0	-	-	98.1	97.4
Buses	-	0	2	0	0	-	2	2	8	0	-	10	0	0	0	-	0	12
% Buses	-	-	3.9	0.0	-	-	2.4	3.0	0.7	0.0	-	0.8	0.0	0.0	-	-	0.0	0.8
Trucks	-	0	0	0	0	-	0	1	21	0	-	22	4	0	0	-	4	26
% Trucks	-	-	0.0	0.0	-	-	0.0	1.5	1.9	0.0	-	1.9	2.8	0.0	-	-	1.9	1.8
Bicycles on Road	-	0	1	0	0	-	1	0	0	0	-	0	0	0	0	-	0	1
% Bicycles on Road	-	-	2.0	0.0	-	-	1.2	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-	0.0	0.1
Bicycles on Crosswalk	1	-	-	-	-	0	-	-	-	-	0	-	-	-	-	2	-	-
% Bicycles on Crosswalk	3.4	-	-	-	-	0.0	-	-	-	-	0.0	-	-	-	-	3.6	-	-
Pedestrians	28	-	-	-	-	12	-	-	-	-	25	-	-	-	-	53	-	-
% Pedestrians	96.6	-	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	96.4	-	-

