



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

Count Name: 43 (North) Street - 48 Avenue -
AM, NOON & PM
Site Code:
Start Date: 05-30-2024
Page No: 1

Turning Movement Data

Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
7:00 AM	3	5	0	0	8	29	6	0	0	35	29	24	0	0	53	96
7:15 AM	9	14	0	0	23	10	1	0	1	11	67	14	0	0	81	115
7:30 AM	2	18	0	0	20	20	3	0	0	23	82	15	0	0	97	140
7:45 AM	5	34	0	0	39	16	8	0	1	24	138	18	0	0	156	219
Hourly Total	19	71	0	0	90	75	18	0	2	93	316	71	0	0	387	570
8:00 AM	6	34	0	0	40	11	3	0	2	14	123	24	0	1	147	201
8:15 AM	12	27	0	0	39	15	7	0	1	22	103	30	0	0	133	194
8:30 AM	7	37	0	0	44	20	4	0	0	24	100	20	0	1	120	188
8:45 AM	4	28	0	0	32	15	8	0	2	23	117	25	0	0	142	197
Hourly Total	29	126	0	0	155	61	22	0	5	83	443	99	0	2	542	780
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	9	37	1	0	47	11	3	0	1	14	40	20	0	0	60	121
11:45 AM	4	51	0	0	55	19	8	0	1	27	57	24	0	0	81	163
Hourly Total	13	88	1	0	102	30	11	0	2	41	97	44	0	0	141	284
12:00 PM	5	79	0	0	84	22	10	0	2	32	46	27	0	0	73	189
12:15 PM	5	47	0	0	52	20	6	0	4	26	57	17	0	0	74	152
12:30 PM	3	35	0	0	38	14	10	0	1	24	71	21	0	0	92	154
12:45 PM	10	43	0	0	53	19	15	0	3	34	75	23	0	0	98	185
Hourly Total	23	204	0	0	227	75	41	0	10	116	249	88	0	0	337	680
1:00 PM	4	52	0	0	56	21	4	0	1	25	56	13	0	1	69	150
1:15 PM	4	31	0	0	35	21	6	0	2	27	58	19	0	0	77	139
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	8	83	0	0	91	42	10	0	3	52	114	32	0	1	146	289
3:00 PM	20	68	0	0	88	25	8	0	1	33	62	35	0	0	97	218
3:15 PM	11	79	0	0	90	26	7	0	2	33	51	21	0	0	72	195
3:30 PM	9	66	0	0	75	23	7	0	3	30	64	29	0	0	93	198
3:45 PM	8	66	0	0	74	35	17	0	0	52	47	43	0	1	90	216
Hourly Total	48	279	0	0	327	109	39	0	6	148	224	128	0	1	352	827
4:00 PM	9	111	0	0	120	25	15	0	2	40	60	39	0	0	99	259
4:15 PM	10	90	0	1	100	28	9	0	0	37	61	35	0	0	96	233
4:30 PM	6	115	0	1	121	19	10	0	0	29	47	27	0	0	74	224
4:45 PM	6	96	0	0	102	21	10	0	1	31	60	27	0	0	87	220
Hourly Total	31	412	0	2	443	93	44	0	3	137	228	128	0	0	356	936
5:00 PM	11	98	0	0	109	20	5	0	1	25	55	18	0	0	73	207

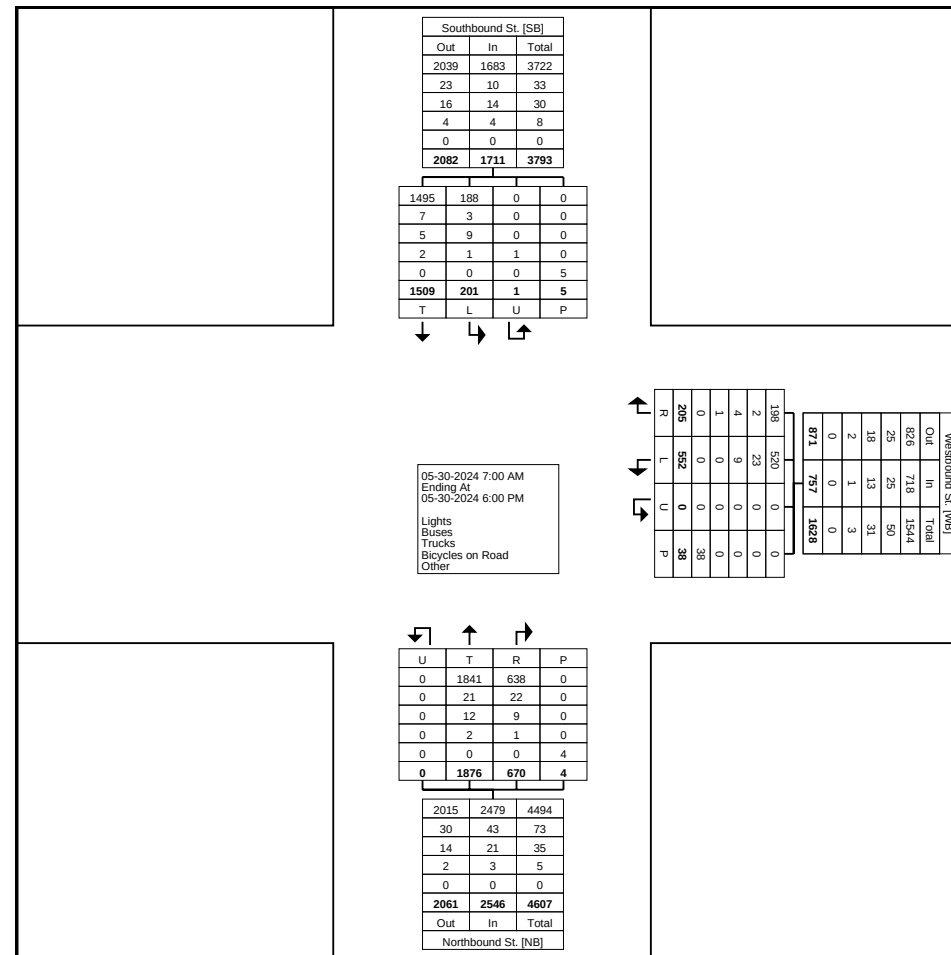
5:15 PM	3	61	0	0	64	16	8	0	3	24	55	20	0	0	75	163
5:30 PM	6	43	0	2	49	10	2	0	0	12	49	22	0	0	71	132
5:45 PM	10	44	0	1	54	21	5	0	3	26	46	20	0	0	66	146
Hourly Total	30	246	0	3	276	67	20	0	7	87	205	80	0	0	285	648
Grand Total	201	1509	1	5	1711	552	205	0	38	757	1876	670	0	4	2546	5014
Approach %	11.7	88.2	0.1	-	-	72.9	27.1	0.0	-	-	73.7	26.3	0.0	-	-	-
Total %	4.0	30.1	0.0	-	34.1	11.0	4.1	0.0	-	15.1	37.4	13.4	0.0	-	50.8	-
Lights	188	1495	0	-	1683	520	198	0	-	718	1841	638	0	-	2479	4880
% Lights	93.5	99.1	0.0	-	98.4	94.2	96.6	-	-	94.8	98.1	95.2	-	-	97.4	97.3
Buses	3	7	0	-	10	23	2	0	-	25	21	22	0	-	43	78
% Buses	1.5	0.5	0.0	-	0.6	4.2	1.0	-	-	3.3	1.1	3.3	-	-	1.7	1.6
Trucks	9	5	0	-	14	9	4	0	-	13	12	9	0	-	21	48
% Trucks	4.5	0.3	0.0	-	0.8	1.6	2.0	-	-	1.7	0.6	1.3	-	-	0.8	1.0
Bicycles on Road	1	2	1	-	4	0	1	0	-	1	2	1	0	-	3	8
% Bicycles on Road	0.5	0.1	100.0	-	0.2	0.0	0.5	-	-	0.1	0.1	0.1	-	-	0.1	0.2
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	13	-	-	-	-	1	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	34.2	-	-	-	-	25.0	-	-
Pedestrians	-	-	-	5	-	-	-	-	25	-	-	-	-	3	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	65.8	-	-	-	-	75.0	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (7:45 AM)

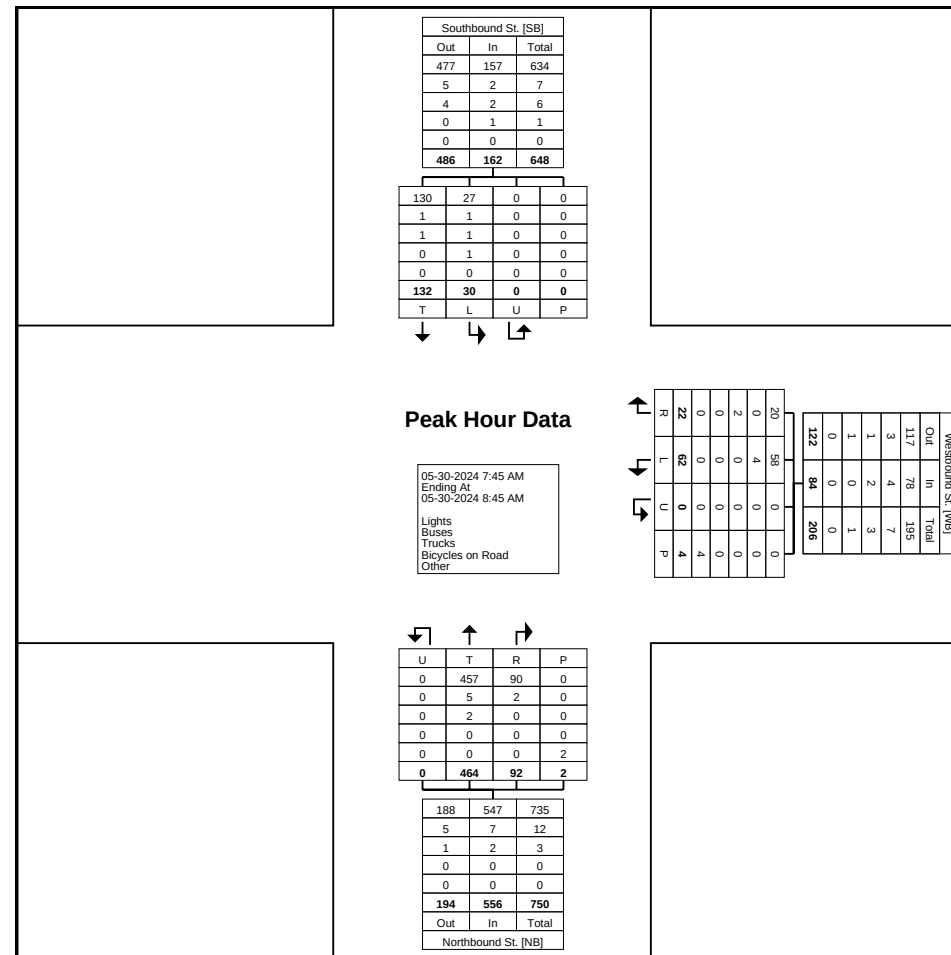
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
7:45 AM	5	34	0	0	39	16	8	0	1	24	138	18	0	0	156	219
8:00 AM	6	34	0	0	40	11	3	0	2	14	123	24	0	1	147	201
8:15 AM	12	27	0	0	39	15	7	0	1	22	103	30	0	0	133	194
8:30 AM	7	37	0	0	44	20	4	0	0	24	100	20	0	1	120	188
Total	30	132	0	0	162	62	22	0	4	84	464	92	0	2	556	802
Approach %	18.5	81.5	0.0	-	-	73.8	26.2	0.0	-	-	83.5	16.5	0.0	-	-	-
Total %	3.7	16.5	0.0	-	20.2	7.7	2.7	0.0	-	10.5	57.9	11.5	0.0	-	69.3	-
PHF	0.625	0.892	0.000	-	0.920	0.775	0.688	0.000	-	0.875	0.841	0.767	0.000	-	0.891	0.916
Lights	27	130	0	-	157	58	20	0	-	78	457	90	0	-	547	782
% Lights	90.0	98.5	-	-	96.9	93.5	90.9	-	-	92.9	98.5	97.8	-	-	98.4	97.5
Buses	1	1	0	-	2	4	0	0	-	4	5	2	0	-	7	13
% Buses	3.3	0.8	-	-	1.2	6.5	0.0	-	-	4.8	1.1	2.2	-	-	1.3	1.6
Trucks	1	1	0	-	2	0	2	0	-	2	2	0	0	-	2	6
% Trucks	3.3	0.8	-	-	1.2	0.0	9.1	-	-	2.4	0.4	0.0	-	-	0.4	0.7
Bicycles on Road	1	0	0	-	1	0	0	0	-	0	0	0	0	-	0	1
% Bicycles on Road	3.3	0.0	-	-	0.6	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.1
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	2	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	50.0	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	0	-	-	-	-	2	-	-	-	-	2	-	-
% Pedestrians	-	-	-	-	-	-	-	-	50.0	-	-	-	-	100.0	-	-



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Turning Movement Peak Hour Data (12:00 PM)

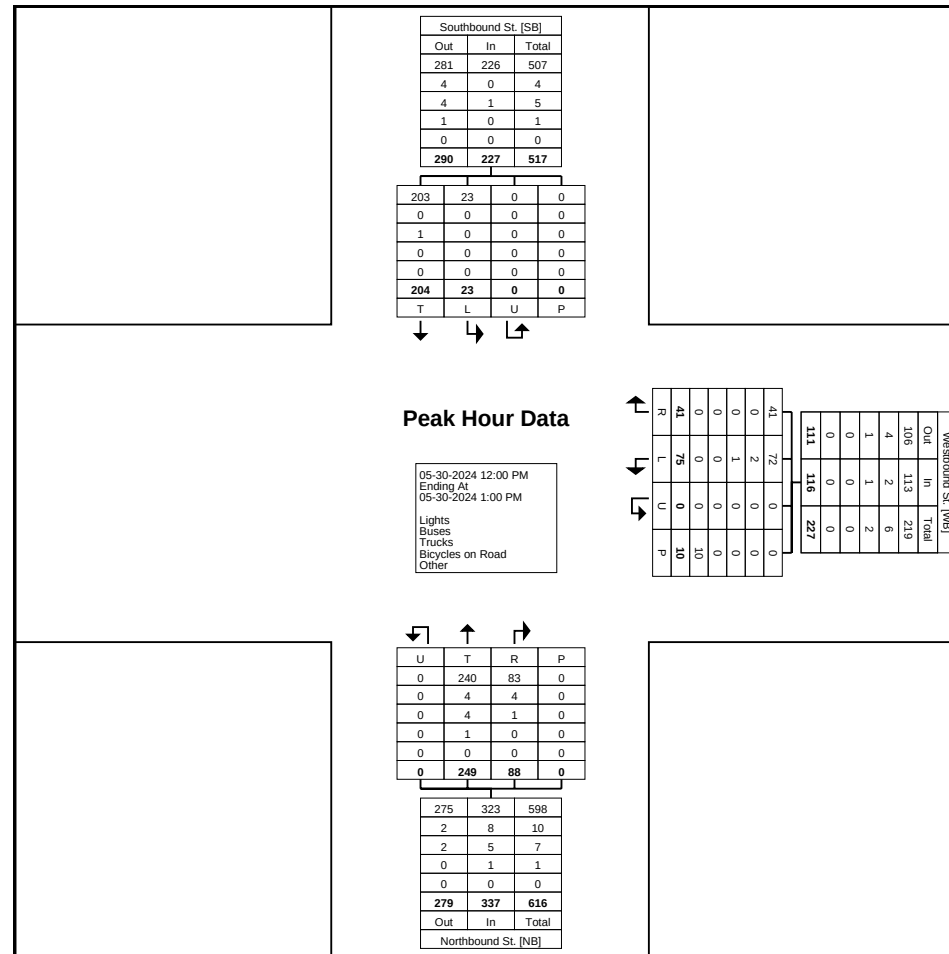
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
12:00 PM	5	79	0	0	84	22	10	0	2	32	46	27	0	0	73	189
12:15 PM	5	47	0	0	52	20	6	0	4	26	57	17	0	0	74	152
12:30 PM	3	35	0	0	38	14	10	0	1	24	71	21	0	0	92	154
12:45 PM	10	43	0	0	53	19	15	0	3	34	75	23	0	0	98	185
Total	23	204	0	0	227	75	41	0	10	116	249	88	0	0	337	680
Approach %	10.1	89.9	0.0	-	-	64.7	35.3	0.0	-	-	73.9	26.1	0.0	-	-	-
Total %	3.4	30.0	0.0	-	33.4	11.0	6.0	0.0	-	17.1	36.6	12.9	0.0	-	49.6	-
PHF	0.575	0.646	0.000	-	0.676	0.852	0.683	0.000	-	0.853	0.830	0.815	0.000	-	0.860	0.899
Lights	23	203	0	-	226	72	41	0	-	113	240	83	0	-	323	662
% Lights	100.0	99.5	-	-	99.6	96.0	100.0	-	-	97.4	96.4	94.3	-	-	95.8	97.4
Buses	0	0	0	-	0	2	0	0	-	2	4	4	0	-	8	10
% Buses	0.0	0.0	-	-	0.0	2.7	0.0	-	-	1.7	1.6	4.5	-	-	2.4	1.5
Trucks	0	1	0	-	1	1	0	0	-	1	4	1	0	-	5	7
% Trucks	0.0	0.5	-	-	0.4	1.3	0.0	-	-	0.9	1.6	1.1	-	-	1.5	1.0
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	1	0	0	-	1	1
% Bicycles on Road	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.4	0.0	-	-	0.3	0.1
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	1	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	10.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	9	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	90.0	-	-	-	-	-	-	-



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Turning Movement Peak Hour Data Plot (12:00 PM)



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Turning Movement Peak Hour Data (4:00 PM)

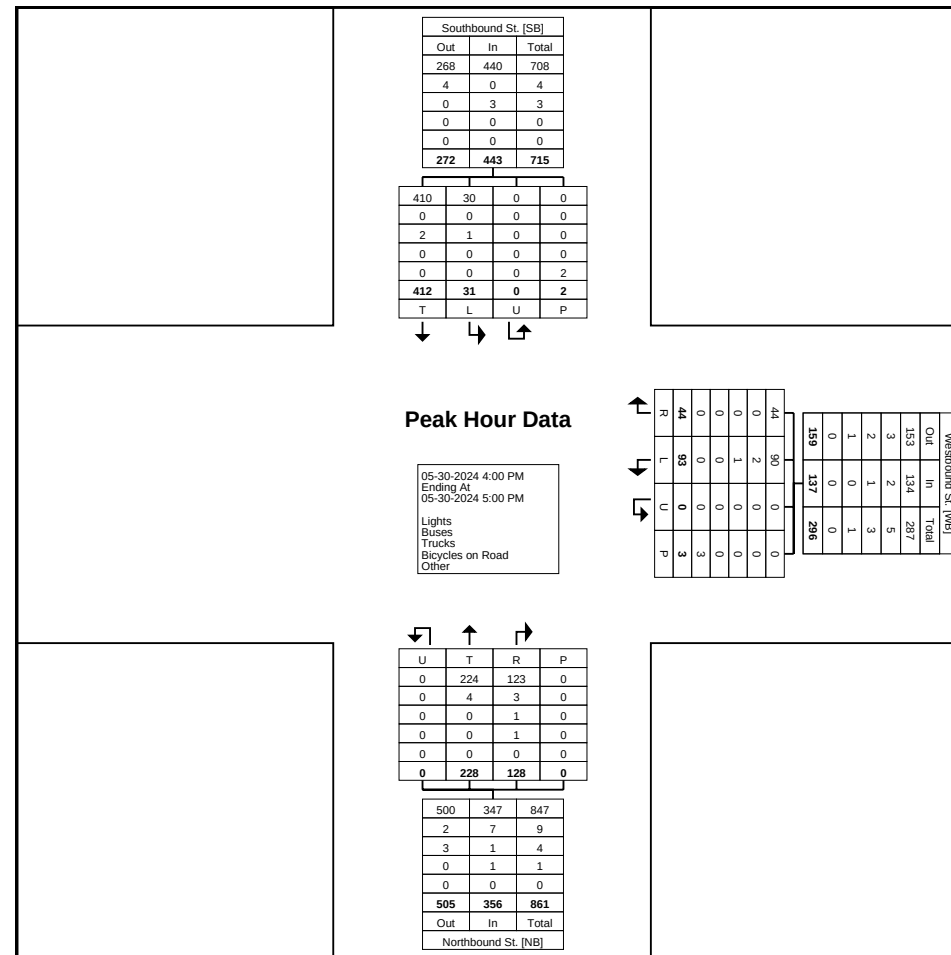
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
4:00 PM	9	111	0	0	120	25	15	0	2	40	60	39	0	0	99	259
4:15 PM	10	90	0	1	100	28	9	0	0	37	61	35	0	0	96	233
4:30 PM	6	115	0	1	121	19	10	0	0	29	47	27	0	0	74	224
4:45 PM	6	96	0	0	102	21	10	0	1	31	60	27	0	0	87	220
Total	31	412	0	2	443	93	44	0	3	137	228	128	0	0	356	936
Approach %	7.0	93.0	0.0	-	-	67.9	32.1	0.0	-	-	64.0	36.0	0.0	-	-	-
Total %	3.3	44.0	0.0	-	47.3	9.9	4.7	0.0	-	14.6	24.4	13.7	0.0	-	38.0	-
PHF	0.775	0.896	0.000	-	0.915	0.830	0.733	0.000	-	0.856	0.934	0.821	0.000	-	0.899	0.903
Lights	30	410	0	-	440	90	44	0	-	134	224	123	0	-	347	921
% Lights	96.8	99.5	-	-	99.3	96.8	100.0	-	-	97.8	98.2	96.1	-	-	97.5	98.4
Buses	0	0	0	-	0	2	0	0	-	2	4	3	0	-	7	9
% Buses	0.0	0.0	-	-	0.0	2.2	0.0	-	-	1.5	1.8	2.3	-	-	2.0	1.0
Trucks	1	2	0	-	3	1	0	0	-	1	0	1	0	-	1	5
% Trucks	3.2	0.5	-	-	0.7	1.1	0.0	-	-	0.7	0.0	0.8	-	-	0.3	0.5
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	1	0	-	1	1
% Bicycles on Road	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.0	0.8	-	-	0.3	0.1
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	1	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	33.3	-	-	-	-	-	-	-
Pedestrians	-	-	-	2	-	-	-	-	2	-	-	-	-	0	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	66.7	-	-	-	-	-	-	-



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