



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

Count Name: Allan Street - 40 Avenue - AM,
NOON & PM
Site Code:
Start Date: 05-28-2024
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	2	67	0	0	69	1	22	0	0	23	117	1	0	0	118	210
7:15 AM	5	68	0	1	73	3	19	0	0	22	139	1	0	0	140	235
7:30 AM	7	85	0	0	92	3	27	0	3	30	188	5	0	0	193	315
7:45 AM	3	109	0	0	112	7	27	0	4	34	256	0	0	0	256	402
Hourly Total	17	329	0	1	346	14	95	0	7	109	700	7	0	0	707	1162
8:00 AM	6	90	0	0	96	6	23	0	3	29	218	5	0	0	223	348
8:15 AM	5	96	0	0	101	3	24	0	5	27	188	4	0	0	192	320
8:30 AM	6	172	0	1	178	6	24	0	6	30	208	13	0	0	221	429
8:45 AM	8	117	0	0	125	10	23	0	0	33	208	8	0	0	216	374
Hourly Total	25	475	0	1	500	25	94	0	14	119	822	30	0	0	852	1471
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	19	110	0	0	129	5	11	0	1	16	81	4	0	0	85	230
11:45 AM	16	105	0	0	121	5	12	0	4	17	111	9	0	0	120	258
Hourly Total	35	215	0	0	250	10	23	0	5	33	192	13	0	0	205	488
12:00 PM	11	148	0	0	159	4	22	0	2	26	116	5	0	0	121	306
12:15 PM	20	110	0	0	130	3	14	0	0	17	127	8	0	0	135	282
12:30 PM	21	121	0	0	142	6	19	0	1	25	143	4	0	0	147	314
12:45 PM	11	113	0	0	124	5	7	0	5	12	165	3	0	0	168	304
Hourly Total	63	492	0	0	555	18	62	0	8	80	551	20	0	0	571	1206
1:00 PM	14	114	0	0	128	5	10	0	3	15	130	3	0	0	133	276
1:15 PM	11	104	0	0	115	5	14	0	1	19	119	2	0	0	121	255
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	25	218	0	0	243	10	24	0	4	34	249	5	0	0	254	531
3:00 PM	14	146	0	0	160	2	21	0	0	23	121	10	0	0	131	314
3:15 PM	15	175	0	0	190	5	13	0	3	18	162	3	0	0	165	373
3:30 PM	19	228	0	0	247	6	22	0	7	28	155	7	0	0	162	437
3:45 PM	22	233	0	0	255	2	15	0	5	17	139	6	0	0	145	417
Hourly Total	70	782	0	0	852	15	71	0	15	86	577	26	0	0	603	1541
4:00 PM	20	221	0	1	241	3	17	0	1	20	143	8	0	0	151	412
4:15 PM	27	230	0	0	257	7	17	0	4	24	169	2	0	0	171	452
4:30 PM	26	262	0	0	288	3	8	0	3	11	179	11	0	0	190	489
4:45 PM	24	245	1	0	270	6	15	0	3	21	203	4	0	0	207	498
Hourly Total	97	958	1	1	1056	19	57	0	11	76	694	25	0	0	719	1851

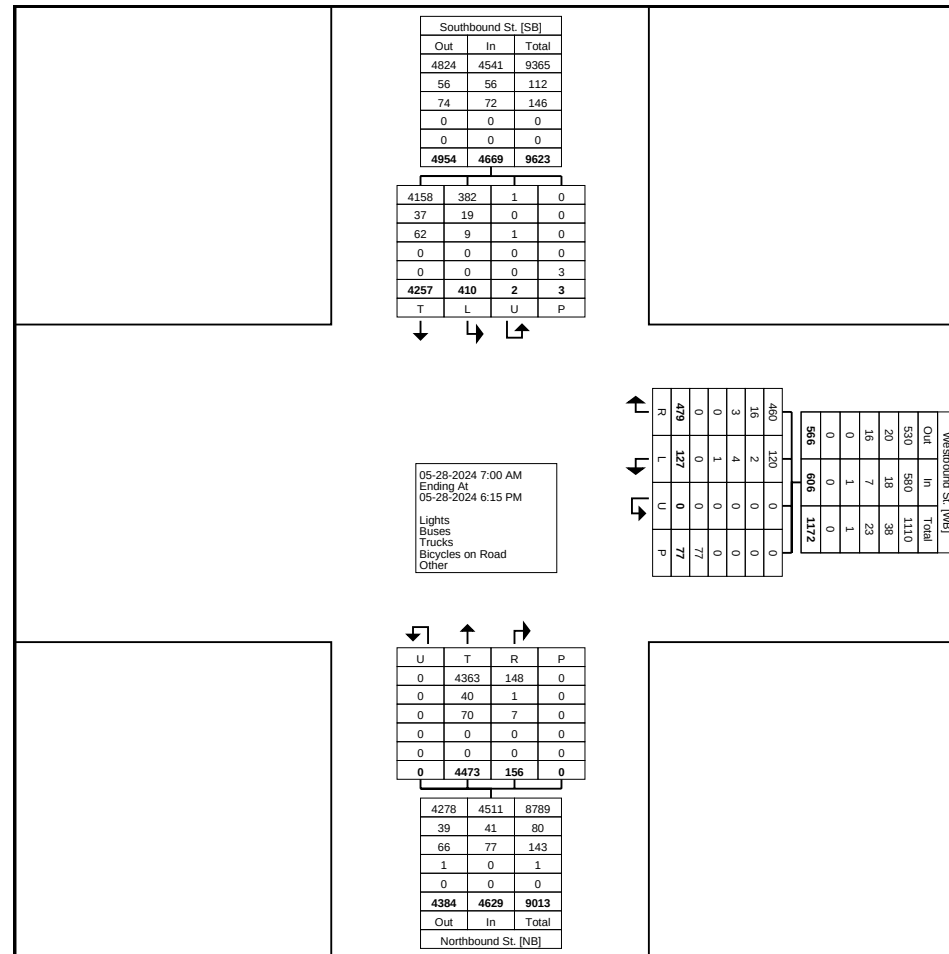
5:00 PM	29	229	0	0	258	3	12	0	3	15	181	10	0	0	191	464
5:15 PM	20	209	0	0	229	4	17	0	5	21	171	7	0	0	178	428
5:30 PM	15	189	1	0	205	3	11	0	2	14	166	6	0	0	172	391
5:45 PM	14	161	0	0	175	6	13	0	3	19	170	7	0	0	177	371
Hourly Total	78	788	1	0	867	16	53	0	13	69	688	30	0	0	718	1654
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	410	4257	2	3	4669	127	479	0	77	606	4473	156	0	0	4629	9904
Approach %	8.8	91.2	0.0	-	-	21.0	79.0	0.0	-	-	96.6	3.4	0.0	-	-	-
Total %	4.1	43.0	0.0	-	47.1	1.3	4.8	0.0	-	6.1	45.2	1.6	0.0	-	46.7	-
Lights	382	4158	1	-	4541	120	460	0	-	580	4363	148	0	-	4511	9632
% Lights	93.2	97.7	50.0	-	97.3	94.5	96.0	-	-	95.7	97.5	94.9	-	-	97.5	97.3
Buses	19	37	0	-	56	2	16	0	-	18	40	1	0	-	41	115
% Buses	4.6	0.9	0.0	-	1.2	1.6	3.3	-	-	3.0	0.9	0.6	-	-	0.9	1.2
Trucks	9	62	1	-	72	4	3	0	-	7	70	7	0	-	77	156
% Trucks	2.2	1.5	50.0	-	1.5	3.1	0.6	-	-	1.2	1.6	4.5	-	-	1.7	1.6
Bicycles on Road	0	0	0	-	0	1	0	0	-	1	0	0	0	-	0	1
% Bicycles on Road	0.0	0.0	0.0	-	0.0	0.8	0.0	-	-	0.2	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	1	-	-	-	-	49	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	33.3	-	-	-	-	63.6	-	-	-	-	-	-	-
Pedestrians	-	-	-	2	-	-	-	-	28	-	-	-	-	0	-	-
% Pedestrians	-	-	-	66.7	-	-	-	-	36.4	-	-	-	-	-	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (7:45 AM)

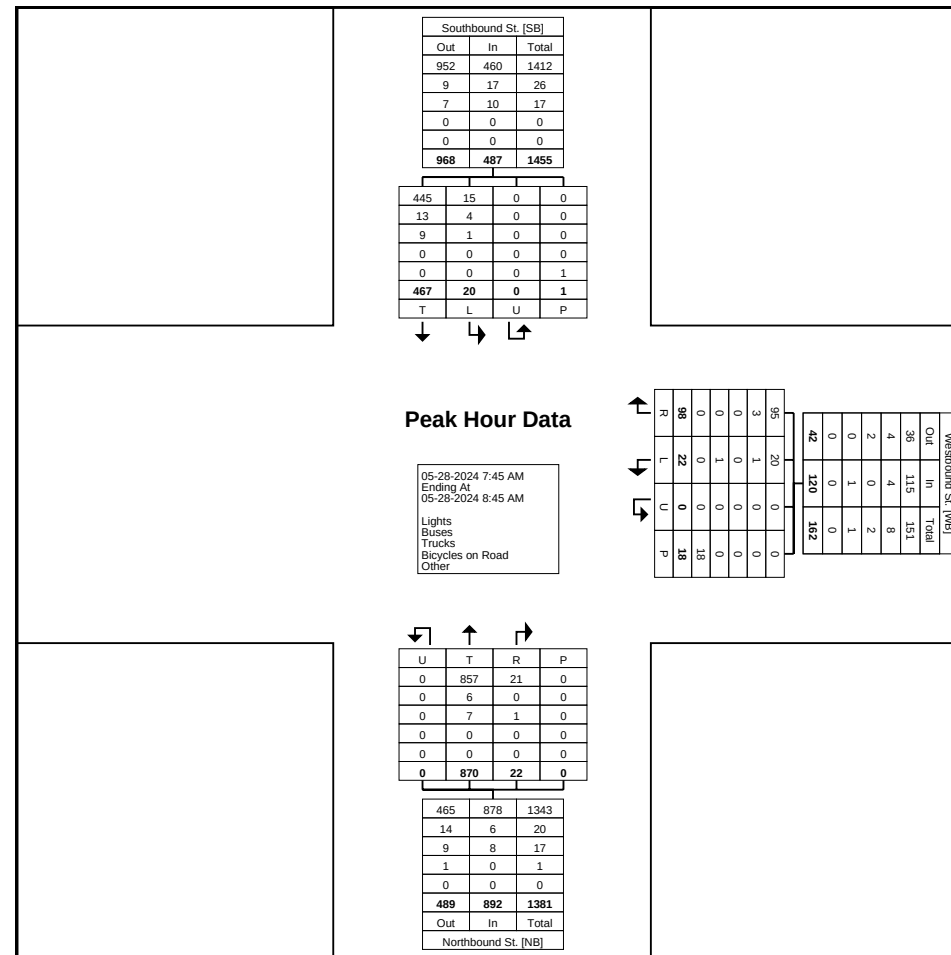
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
7:45 AM	3	109	0	0	112	7	27	0	4	34	256	0	0	0	256	402
8:00 AM	6	90	0	0	96	6	23	0	3	29	218	5	0	0	223	348
8:15 AM	5	96	0	0	101	3	24	0	5	27	188	4	0	0	192	320
8:30 AM	6	172	0	1	178	6	24	0	6	30	208	13	0	0	221	429
Total	20	467	0	1	487	22	98	0	18	120	870	22	0	0	892	1499
Approach %	4.1	95.9	0.0	-	-	18.3	81.7	0.0	-	-	97.5	2.5	0.0	-	-	-
Total %	1.3	31.2	0.0	-	32.5	1.5	6.5	0.0	-	8.0	58.0	1.5	0.0	-	59.5	-
PHF	0.833	0.679	0.000	-	0.684	0.786	0.907	0.000	-	0.882	0.850	0.423	0.000	-	0.871	0.874
Lights	15	445	0	-	460	20	95	0	-	115	857	21	0	-	878	1453
% Lights	75.0	95.3	-	-	94.5	90.9	96.9	-	-	95.8	98.5	95.5	-	-	98.4	96.9
Buses	4	13	0	-	17	1	3	0	-	4	6	0	0	-	6	27
% Buses	20.0	2.8	-	-	3.5	4.5	3.1	-	-	3.3	0.7	0.0	-	-	0.7	1.8
Trucks	1	9	0	-	10	0	0	0	-	0	7	1	0	-	8	18
% Trucks	5.0	1.9	-	-	2.1	0.0	0.0	-	-	0.0	0.8	4.5	-	-	0.9	1.2
Bicycles on Road	0	0	0	-	0	1	0	0	-	1	0	0	0	-	0	1
% Bicycles on Road	0.0	0.0	-	-	0.0	4.5	0.0	-	-	0.8	0.0	0.0	-	-	0.0	0.1
Bicycles on Crosswalk	-	-	-	1	-	-	-	-	16	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	100.0	-	-	-	-	88.9	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	2	-	-	-	-	0	-	-
% Pedestrians	-	-	-	0.0	-	-	-	-	11.1	-	-	-	-	-	-	-



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Turning Movement Peak Hour Data (12:00 PM)

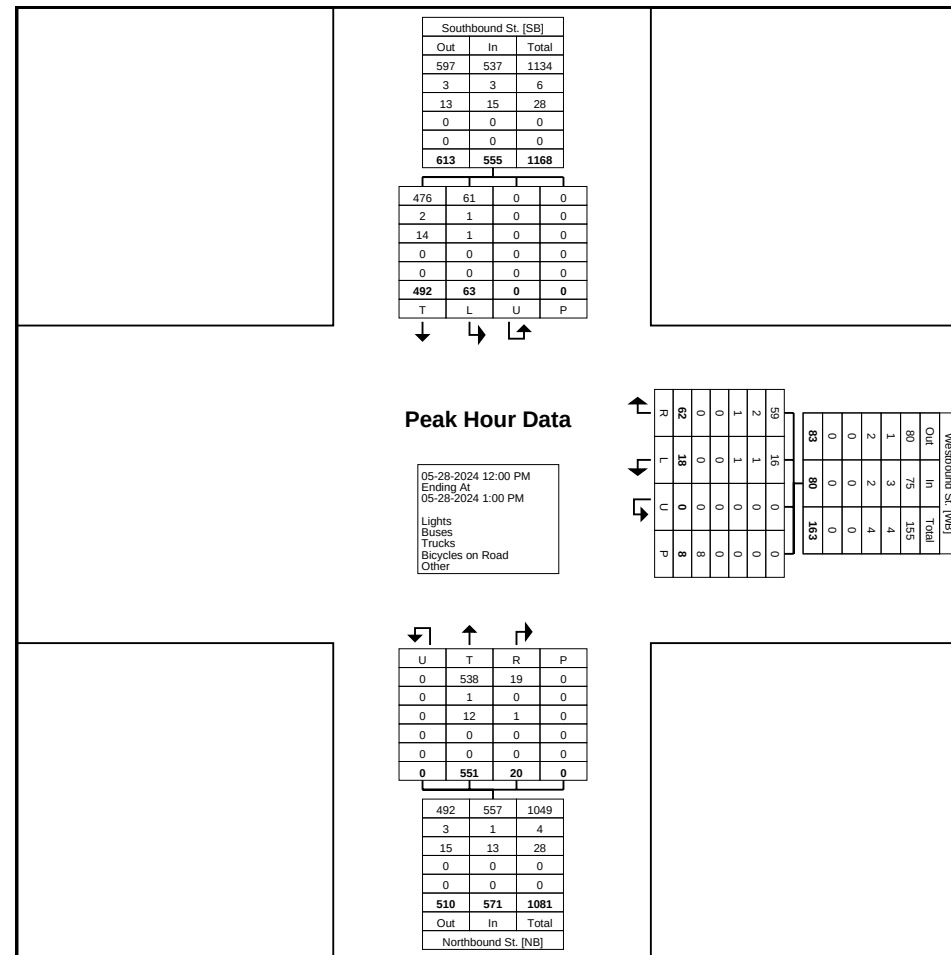
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
12:00 PM	11	148	0	0	159	4	22	0	2	26	116	5	0	0	121	306
12:15 PM	20	110	0	0	130	3	14	0	0	17	127	8	0	0	135	282
12:30 PM	21	121	0	0	142	6	19	0	1	25	143	4	0	0	147	314
12:45 PM	11	113	0	0	124	5	7	0	5	12	165	3	0	0	168	304
Total	63	492	0	0	555	18	62	0	8	80	551	20	0	0	571	1206
Approach %	11.4	88.6	0.0	-	-	22.5	77.5	0.0	-	-	96.5	3.5	0.0	-	-	-
Total %	5.2	40.8	0.0	-	46.0	1.5	5.1	0.0	-	6.6	45.7	1.7	0.0	-	47.3	-
PHF	0.750	0.831	0.000	-	0.873	0.750	0.705	0.000	-	0.769	0.835	0.625	0.000	-	0.850	0.960
Lights	61	476	0	-	537	16	59	0	-	75	538	19	0	-	557	1169
% Lights	96.8	96.7	-	-	96.8	88.9	95.2	-	-	93.8	97.6	95.0	-	-	97.5	96.9
Buses	1	2	0	-	3	1	2	0	-	3	1	0	0	-	1	7
% Buses	1.6	0.4	-	-	0.5	5.6	3.2	-	-	3.8	0.2	0.0	-	-	0.2	0.6
Trucks	1	14	0	-	15	1	1	0	-	2	12	1	0	-	13	30
% Trucks	1.6	2.8	-	-	2.7	5.6	1.6	-	-	2.5	2.2	5.0	-	-	2.3	2.5
Bicycles on Road	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
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	3	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	37.5	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	5	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	62.5	-	-	-	-	-	-	-



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Turning Movement Peak Hour Data (4:15 PM)

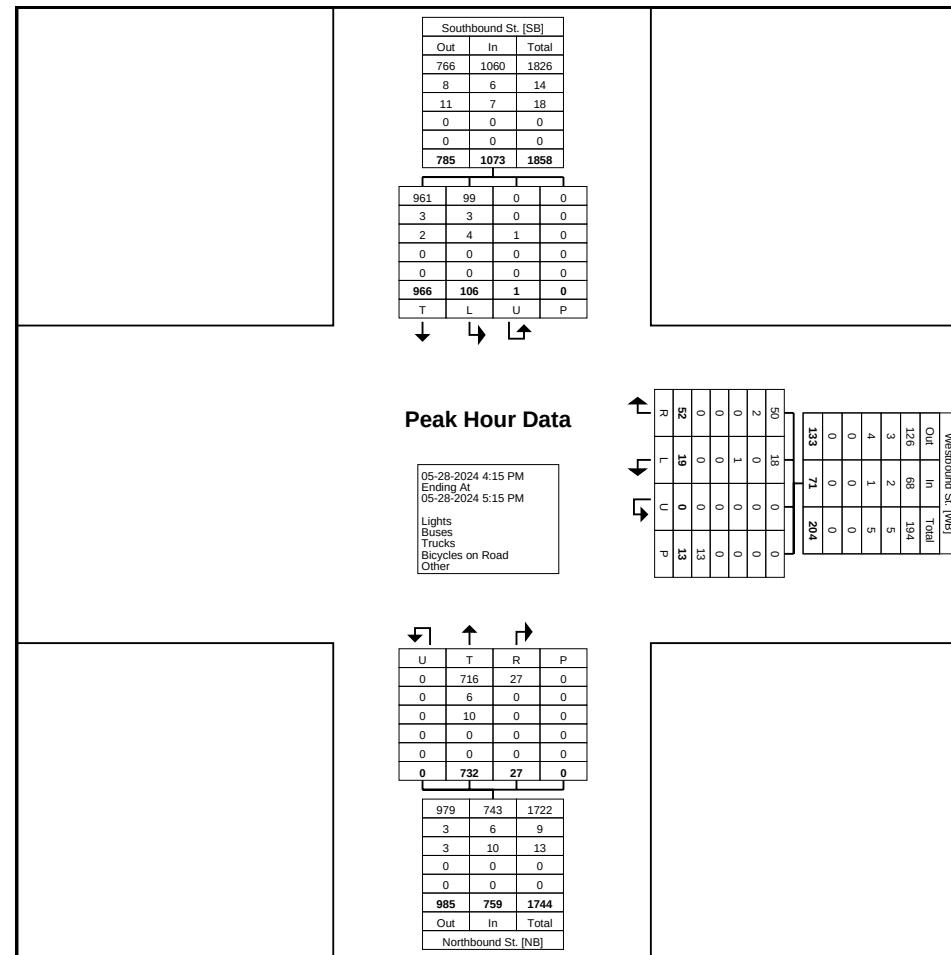
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
4:15 PM	27	230	0	0	257	7	17	0	4	24	169	2	0	0	171	452
4:30 PM	26	262	0	0	288	3	8	0	3	11	179	11	0	0	190	489
4:45 PM	24	245	1	0	270	6	15	0	3	21	203	4	0	0	207	498
5:00 PM	29	229	0	0	258	3	12	0	3	15	181	10	0	0	191	464
Total	106	966	1	0	1073	19	52	0	13	71	732	27	0	0	759	1903
Approach %	9.9	90.0	0.1	-	-	26.8	73.2	0.0	-	-	96.4	3.6	0.0	-	-	-
Total %	5.6	50.8	0.1	-	56.4	1.0	2.7	0.0	-	3.7	38.5	1.4	0.0	-	39.9	-
PHF	0.914	0.922	0.250	-	0.931	0.679	0.765	0.000	-	0.740	0.901	0.614	0.000	-	0.917	0.955
Lights	99	961	0	-	1060	18	50	0	-	68	716	27	0	-	743	1871
% Lights	93.4	99.5	0.0	-	98.8	94.7	96.2	-	-	95.8	97.8	100.0	-	-	97.9	98.3
Buses	3	3	0	-	6	0	2	0	-	2	6	0	0	-	6	14
% Buses	2.8	0.3	0.0	-	0.6	0.0	3.8	-	-	2.8	0.8	0.0	-	-	0.8	0.7
Trucks	4	2	1	-	7	1	0	0	-	1	10	0	0	-	10	18
% Trucks	3.8	0.2	100.0	-	0.7	5.3	0.0	-	-	1.4	1.4	0.0	-	-	1.3	0.9
Bicycles on Road	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	-	-	-	-	8	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	61.5	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	5	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	38.5	-	-	-	-	-	-	-



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Turning Movement Peak Hour Data Plot (4:15 PM)