



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: 05-27-2025
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	1	63	0	0	64	4	25	0	0	29	116	3	0	0	119	212
7:15 AM	2	72	0	0	74	3	18	0	3	21	147	2	0	0	149	244
7:30 AM	5	72	0	0	77	9	30	0	0	39	234	4	0	0	238	354
7:45 AM	10	95	0	0	105	9	24	0	1	33	254	3	0	0	257	395
Hourly Total	18	302	0	0	320	25	97	0	4	122	751	12	0	0	763	1205
8:00 AM	8	77	0	0	85	2	26	0	4	28	209	4	0	0	213	326
8:15 AM	9	110	0	0	119	6	28	0	3	34	209	4	0	0	213	366
8:30 AM	12	144	0	0	156	3	20	0	5	23	202	2	0	0	204	383
8:45 AM	9	133	0	0	142	9	30	0	1	39	172	5	0	0	177	358
Hourly Total	38	464	0	0	502	20	104	0	13	124	792	15	0	0	807	1433
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	14	113	0	0	127	7	10	0	0	17	96	3	0	0	99	243
11:45 AM	13	106	0	0	119	8	5	0	4	13	123	2	0	0	125	257
Hourly Total	27	219	0	0	246	15	15	0	4	30	219	5	0	0	224	500
12:00 PM	15	122	0	0	137	3	14	0	4	17	126	4	0	0	130	284
12:15 PM	14	100	0	0	114	3	12	0	0	15	113	11	0	0	124	253
12:30 PM	7	122	0	0	129	5	19	0	2	24	132	7	0	0	139	292
12:45 PM	12	126	0	0	138	3	17	0	1	20	126	10	0	0	136	294
Hourly Total	48	470	0	0	518	14	62	0	7	76	497	32	0	0	529	1123
1:00 PM	9	101	0	0	110	4	6	0	2	10	102	2	0	0	104	224
1:15 PM	10	120	1	0	131	6	12	0	0	18	104	9	0	0	113	262
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	19	221	1	0	241	10	18	0	2	28	206	11	0	0	217	486
3:00 PM	13	146	0	0	159	0	25	0	2	25	143	14	0	0	157	341
3:15 PM	11	185	0	0	196	2	7	0	1	9	145	7	0	0	152	357
3:30 PM	20	217	0	0	237	6	15	0	6	21	159	7	0	0	166	424
3:45 PM	20	195	0	0	215	7	21	0	7	28	126	13	0	0	139	382
Hourly Total	64	743	0	0	807	15	68	0	16	83	573	41	0	0	614	1504
4:00 PM	27	205	1	0	233	3	16	0	6	19	135	10	0	0	145	397
4:15 PM	17	208	0	0	225	2	16	0	0	18	143	9	0	0	152	395
4:30 PM	23	244	0	1	267	2	11	0	3	13	159	15	0	0	174	454
4:45 PM	26	218	0	0	244	7	14	0	0	21	172	8	0	0	180	445
Hourly Total	93	875	1	1	969	14	57	0	9	71	609	42	0	0	651	1691
5:00 PM	25	221	0	0	246	0	12	0	2	12	162	8	0	0	170	428

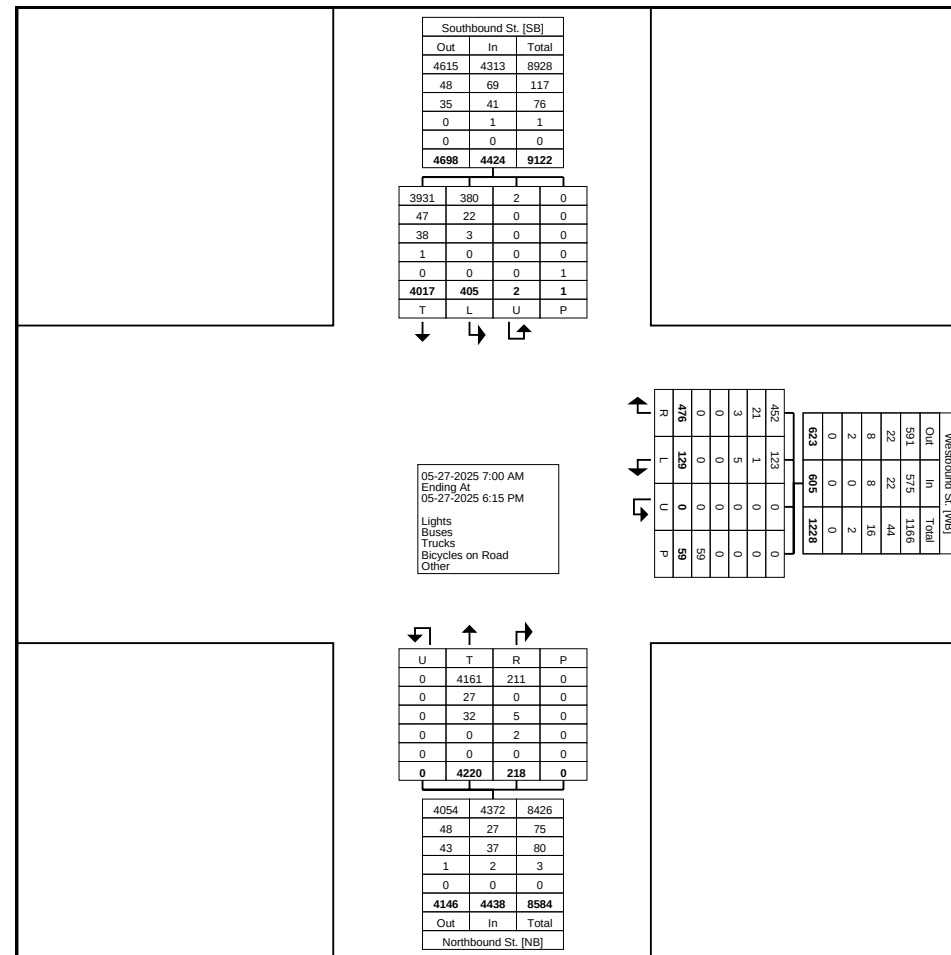
5:15 PM	27	176	0	0	203	4	18	0	1	22	157	19	0	0	176	401
5:30 PM	25	164	0	0	189	7	10	0	1	17	122	17	0	0	139	345
5:45 PM	21	162	0	0	183	5	15	0	0	20	132	16	0	0	148	351
Hourly Total	98	723	0	0	821	16	55	0	4	71	573	60	0	0	633	1525
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	405	4017	2	1	4424	129	476	0	59	605	4220	218	0	0	4438	9467
Approach %	9.2	90.8	0.0	-	-	21.3	78.7	0.0	-	-	95.1	4.9	0.0	-	-	-
Total %	4.3	42.4	0.0	-	46.7	1.4	5.0	0.0	-	6.4	44.6	2.3	0.0	-	46.9	-
Lights	380	3931	2	-	4313	123	452	0	-	575	4161	211	0	-	4372	9260
% Lights	93.8	97.9	100.0	-	97.5	95.3	95.0	-	-	95.0	98.6	96.8	-	-	98.5	97.8
Buses	22	47	0	-	69	1	21	0	-	22	27	0	0	-	27	118
% Buses	5.4	1.2	0.0	-	1.6	0.8	4.4	-	-	3.6	0.6	0.0	-	-	0.6	1.2
Trucks	3	38	0	-	41	5	3	0	-	8	32	5	0	-	37	86
% Trucks	0.7	0.9	0.0	-	0.9	3.9	0.6	-	-	1.3	0.8	2.3	-	-	0.8	0.9
Bicycles on Road	0	1	0	-	1	0	0	0	-	0	0	2	0	-	2	3
% Bicycles on Road	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-	0.0	0.0	0.9	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	42	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	71.2	-	-	-	-	-	-	-
Pedestrians	-	-	-	1	-	-	-	-	17	-	-	-	-	0	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	28.8	-	-	-	-	-	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (7:45 AM)

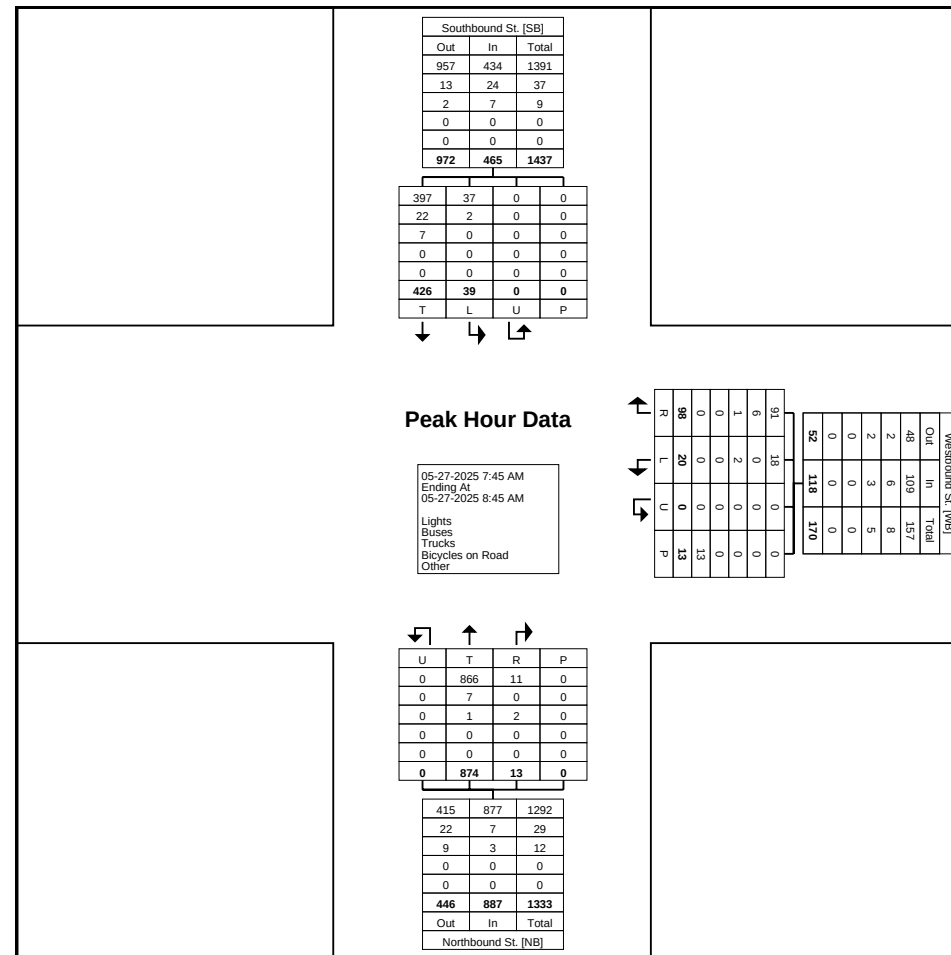
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
7:45 AM	10	95	0	0	105	9	24	0	1	33	254	3	0	0	257	395
8:00 AM	8	77	0	0	85	2	26	0	4	28	209	4	0	0	213	326
8:15 AM	9	110	0	0	119	6	28	0	3	34	209	4	0	0	213	366
8:30 AM	12	144	0	0	156	3	20	0	5	23	202	2	0	0	204	383
Total	39	426	0	0	465	20	98	0	13	118	874	13	0	0	887	1470
Approach %	8.4	91.6	0.0	-	-	16.9	83.1	0.0	-	-	98.5	1.5	0.0	-	-	-
Total %	2.7	29.0	0.0	-	31.6	1.4	6.7	0.0	-	8.0	59.5	0.9	0.0	-	60.3	-
PHF	0.813	0.740	0.000	-	0.745	0.556	0.875	0.000	-	0.868	0.860	0.813	0.000	-	0.863	0.930
Lights	37	397	0	-	434	18	91	0	-	109	866	11	0	-	877	1420
% Lights	94.9	93.2	-	-	93.3	90.0	92.9	-	-	92.4	99.1	84.6	-	-	98.9	96.6
Buses	2	22	0	-	24	0	6	0	-	6	7	0	0	-	7	37
% Buses	5.1	5.2	-	-	5.2	0.0	6.1	-	-	5.1	0.8	0.0	-	-	0.8	2.5
Trucks	0	7	0	-	7	2	1	0	-	3	1	2	0	-	3	13
% Trucks	0.0	1.6	-	-	1.5	10.0	1.0	-	-	2.5	0.1	15.4	-	-	0.3	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
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	11	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	84.6	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	2	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	15.4	-	-	-	-	-	-	-



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Turning Movement Peak Hour Data (12:00 PM)

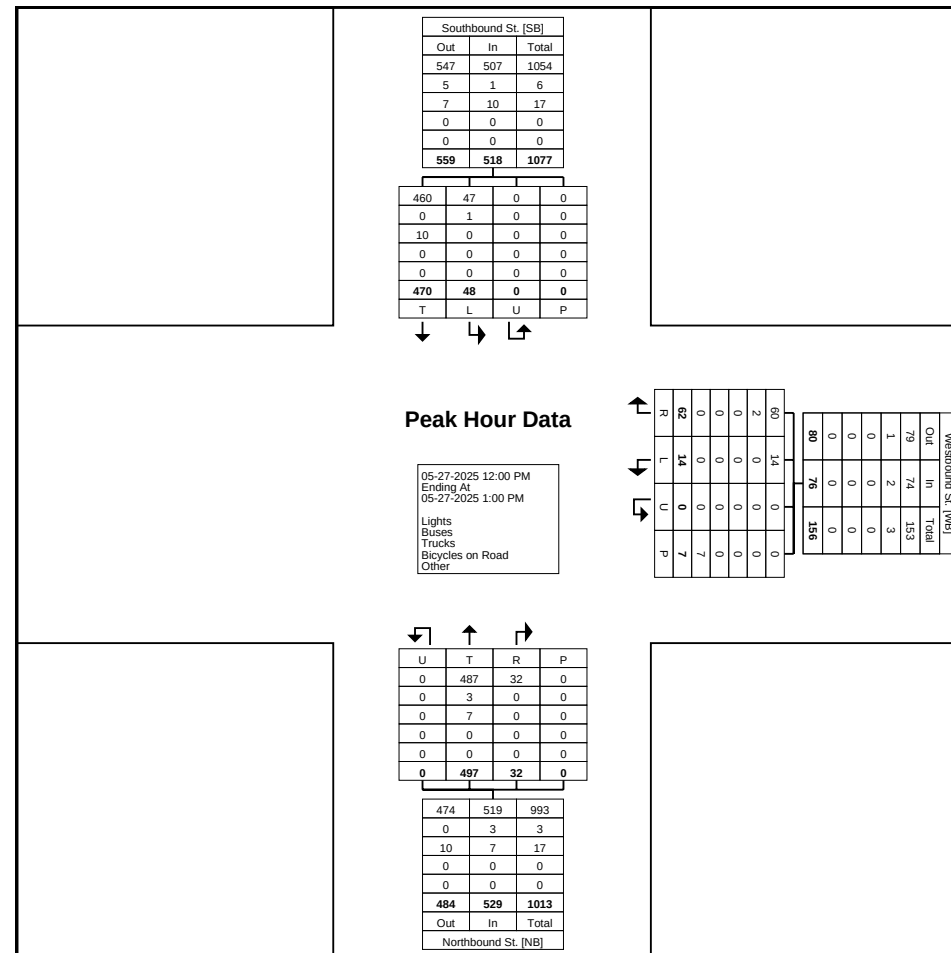
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
12:00 PM	15	122	0	0	137	3	14	0	4	17	126	4	0	0	130	284
12:15 PM	14	100	0	0	114	3	12	0	0	15	113	11	0	0	124	253
12:30 PM	7	122	0	0	129	5	19	0	2	24	132	7	0	0	139	292
12:45 PM	12	126	0	0	138	3	17	0	1	20	126	10	0	0	136	294
Total	48	470	0	0	518	14	62	0	7	76	497	32	0	0	529	1123
Approach %	9.3	90.7	0.0	-	-	18.4	81.6	0.0	-	-	94.0	6.0	0.0	-	-	-
Total %	4.3	41.9	0.0	-	46.1	1.2	5.5	0.0	-	6.8	44.3	2.8	0.0	-	47.1	-
PHF	0.800	0.933	0.000	-	0.938	0.700	0.816	0.000	-	0.792	0.941	0.727	0.000	-	0.951	0.955
Lights	47	460	0	-	507	14	60	0	-	74	487	32	0	-	519	1100
% Lights	97.9	97.9	-	-	97.9	100.0	96.8	-	-	97.4	98.0	100.0	-	-	98.1	98.0
Buses	1	0	0	-	1	0	2	0	-	2	3	0	0	-	3	6
% Buses	2.1	0.0	-	-	0.2	0.0	3.2	-	-	2.6	0.6	0.0	-	-	0.6	0.5
Trucks	0	10	0	-	10	0	0	0	-	0	7	0	0	-	7	17
% Trucks	0.0	2.1	-	-	1.9	0.0	0.0	-	-	0.0	1.4	0.0	-	-	1.3	1.5
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	-	-	-	-	5	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	71.4	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	2	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	28.6	-	-	-	-	-	-	-



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Turning Movement Peak Hour Data (4:30 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	
4:30 PM	23	244	0	1	267	2	11	0	3	13	159	15	0	0	174	454
4:45 PM	26	218	0	0	244	7	14	0	0	21	172	8	0	0	180	445
5:00 PM	25	221	0	0	246	0	12	0	2	12	162	8	0	0	170	428
5:15 PM	27	176	0	0	203	4	18	0	1	22	157	19	0	0	176	401
Total	101	859	0	1	960	13	55	0	6	68	650	50	0	0	700	1728
Approach %	10.5	89.5	0.0	-	-	19.1	80.9	0.0	-	-	92.9	7.1	0.0	-	-	-
Total %	5.8	49.7	0.0	-	55.6	0.8	3.2	0.0	-	3.9	37.6	2.9	0.0	-	40.5	-
PHF	0.935	0.880	0.000	-	0.899	0.464	0.764	0.000	-	0.773	0.945	0.658	0.000	-	0.972	0.952
Lights	95	856	0	-	951	12	51	0	-	63	648	49	0	-	697	1711
% Lights	94.1	99.7	-	-	99.1	92.3	92.7	-	-	92.6	99.7	98.0	-	-	99.6	99.0
Buses	5	2	0	-	7	0	3	0	-	3	0	0	0	-	0	10
% Buses	5.0	0.2	-	-	0.7	0.0	5.5	-	-	4.4	0.0	0.0	-	-	0.0	0.6
Trucks	1	1	0	-	2	1	1	0	-	2	2	1	0	-	3	7
% Trucks	1.0	0.1	-	-	0.2	7.7	1.8	-	-	2.9	0.3	2.0	-	-	0.4	0.4
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	-	-	-	-	6	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	100.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	1	-	-	-	-	0	-	-	-	-	0	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	0.0	-	-	-	-	-	-	-



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