



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

Count Name: 39 Street - 40 Avenue - AM,
NOON & PM
Site Code:
Start Date: 06-12-2025
Page No: 1

Turning Movement Data

Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
7:00 AM	6	30	0	0	0	36	6	19	12	0	1	37	5	42	1	0	0	48	1	7	1	0	0	9	130
7:15 AM	4	32	3	0	0	39	14	18	17	0	5	49	3	57	3	0	0	63	2	8	7	0	0	17	168
7:30 AM	5	40	1	0	0	46	15	26	18	0	1	59	5	85	3	0	1	93	1	5	7	0	0	13	211
7:45 AM	7	35	0	0	0	42	21	52	28	0	1	101	10	99	3	0	2	112	1	13	16	0	1	30	285
Hourly Total	22	137	4	0	0	163	56	115	75	0	8	246	23	283	10	0	3	316	5	33	31	0	1	69	794
8:00 AM	6	60	9	0	0	75	14	29	24	0	2	67	8	93	4	0	1	105	8	17	18	0	0	43	290
8:15 AM	21	53	1	0	7	75	19	24	31	0	24	74	11	123	14	0	5	148	8	29	13	0	0	50	347
8:30 AM	23	77	10	0	8	110	35	27	42	0	51	104	16	121	4	0	11	141	14	32	19	0	0	65	420
8:45 AM	19	87	2	0	2	108	18	34	42	0	12	94	8	94	10	0	2	112	3	18	11	0	0	32	346
Hourly Total	69	277	22	0	17	368	86	114	139	0	89	339	43	431	32	0	19	506	33	96	61	0	0	190	1403
9:00 AM	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0
11:30 AM	13	53	5	0	0	71	20	17	7	0	0	44	9	44	7	0	1	60	3	13	6	0	1	22	197
11:45 AM	12	59	5	0	0	76	10	28	17	0	0	55	3	44	12	0	2	59	1	10	10	0	0	21	211
Hourly Total	25	112	10	0	0	147	30	45	24	0	0	99	12	88	19	0	3	119	4	23	16	0	1	43	408
12:00 PM	12	54	5	0	0	71	8	7	3	0	0	18	5	51	13	0	4	69	1	23	11	0	0	35	193
12:15 PM	13	59	2	0	1	74	15	24	15	0	1	54	4	48	10	0	1	62	1	21	6	0	0	28	218
12:30 PM	15	52	4	0	0	71	23	31	12	0	3	66	5	49	14	0	1	68	4	21	14	0	0	39	244
12:45 PM	15	52	4	0	0	71	21	26	15	0	5	62	6	70	12	0	2	88	3	27	4	0	0	34	255
Hourly Total	55	217	15	0	1	287	67	88	45	0	9	200	20	218	49	0	8	287	9	92	35	0	0	136	910
1:00 PM	9	40	1	0	0	50	11	29	18	0	4	58	4	56	9	0	1	69	3	20	6	0	0	29	206
1:15 PM	16	42	7	0	1	65	15	17	12	0	2	44	7	45	13	0	0	65	4	17	4	0	1	25	199
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	25	82	8	0	1	115	26	46	30	0	6	102	11	101	22	0	1	134	7	37	10	0	1	54	405
3:00 PM	33	72	5	0	0	110	5	17	24	0	8	46	7	80	26	0	7	113	4	33	21	0	0	58	327
3:15 PM	41	126	5	0	0	172	25	39	16	0	5	80	12	76	22	0	12	110	6	27	13	0	0	46	408
3:30 PM	36	134	9	0	12	179	11	25	9	0	155	45	18	84	17	0	30	119	4	11	12	0	1	27	370
3:45 PM	19	66	5	0	1	90	22	23	24	0	10	69	11	79	12	0	9	102	3	25	9	0	1	37	298
Hourly Total	129	398	24	0	13	551	63	104	73	0	178	240	48	319	77	0	58	444	17	96	55	0	2	168	1403
4:00 PM	30	96	7	0	0	133	7	30	13	0	0	50	11	60	19	0	1	90	2	34	14	0	0	50	323
4:15 PM	23	86	6	0	0	115	20	23	23	0	2	66	6	76	20	0	5	102	7	29	12	0	0	48	331
4:30 PM	25	99	7	0	0	131	19	18	21	0	1	58	11	68	18	0	1	97	5	52	18	0	0	75	361
4:45 PM	44	102	4	0	1	150	20	28	17	0	1	65	6	90	16	0	11	112	5	36	7	0	0	48	375

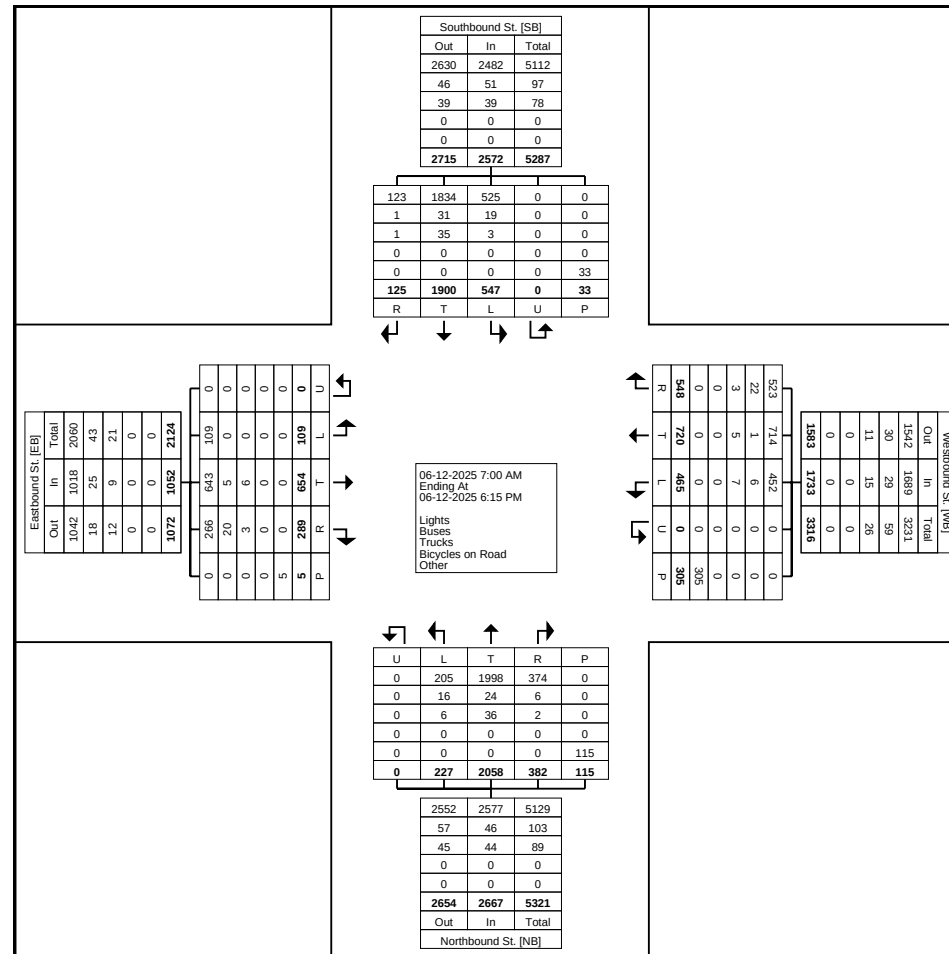
Hourly Total	122	383	24	0	1	529	66	99	74	0	4	239	34	294	73	0	18	401	19	151	51	0	0	221	1390
5:00 PM	27	89	7	0	0	123	23	34	17	0	1	74	10	77	30	0	0	117	2	36	9	0	0	47	361
5:15 PM	35	78	4	0	0	117	11	23	29	0	1	63	8	76	30	0	1	114	4	43	9	0	0	56	350
5:30 PM	26	63	3	0	0	92	14	19	22	0	5	55	7	79	19	0	3	105	4	23	4	0	0	31	283
5:45 PM	12	64	4	0	0	80	23	33	20	0	4	76	11	92	21	0	1	124	5	24	8	0	0	37	317
Hourly Total	100	294	18	0	0	412	71	109	88	0	11	268	36	324	100	0	5	460	15	126	30	0	0	171	1311
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	547	1900	125	0	33	2572	465	720	548	0	305	1733	227	2058	382	0	115	2667	109	654	289	0	5	1052	8024
Approach %	21.3	73.9	4.9	0.0	-	-	26.8	41.5	31.6	0.0	-	-	8.5	77.2	14.3	0.0	-	-	10.4	62.2	27.5	0.0	-	-	-
Total %	6.8	23.7	1.6	0.0	-	32.1	5.8	9.0	6.8	0.0	-	21.6	2.8	25.6	4.8	0.0	-	33.2	1.4	8.2	3.6	0.0	-	13.1	-
Lights	525	1834	123	0	-	2482	452	714	523	0	-	1689	205	1998	374	0	-	2577	109	643	266	0	-	1018	7766
% Lights	96.0	96.5	98.4	-	-	96.5	97.2	99.2	95.4	-	-	97.5	90.3	97.1	97.9	-	-	96.6	100.0	98.3	92.0	-	-	96.8	96.8
Buses	19	31	1	0	-	51	6	1	22	0	-	29	16	24	6	0	-	46	0	5	20	0	-	25	151
% Buses	3.5	1.6	0.8	-	-	2.0	1.3	0.1	4.0	-	-	1.7	7.0	1.2	1.6	-	-	1.7	0.0	0.8	6.9	-	-	2.4	1.9
Trucks	3	35	1	0	-	39	7	5	3	0	-	15	6	36	2	0	-	44	0	6	3	0	-	9	107
% Trucks	0.5	1.8	0.8	-	-	1.5	1.5	0.7	0.5	-	-	0.9	2.6	1.7	0.5	-	-	1.6	0.0	0.9	1.0	-	-	0.9	1.3
Bicycles on Road	0	0	0	0	-	0	0	0	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	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	4	-	-	-	-	-	46	-	-	-	-	-	5	-	-	-	-	-	1	-	-
% Bicycles on Crosswalk	-	-	-	-	12.1	-	-	-	-	-	15.1	-	-	-	-	-	4.3	-	-	-	-	-	20.0	-	-
Pedestrians	-	-	-	-	29	-	-	-	-	-	259	-	-	-	-	-	110	-	-	-	-	-	4	-	-
% Pedestrians	-	-	-	-	87.9	-	-	-	-	-	84.9	-	-	-	-	-	95.7	-	-	-	-	-	80.0	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (8:00 AM)

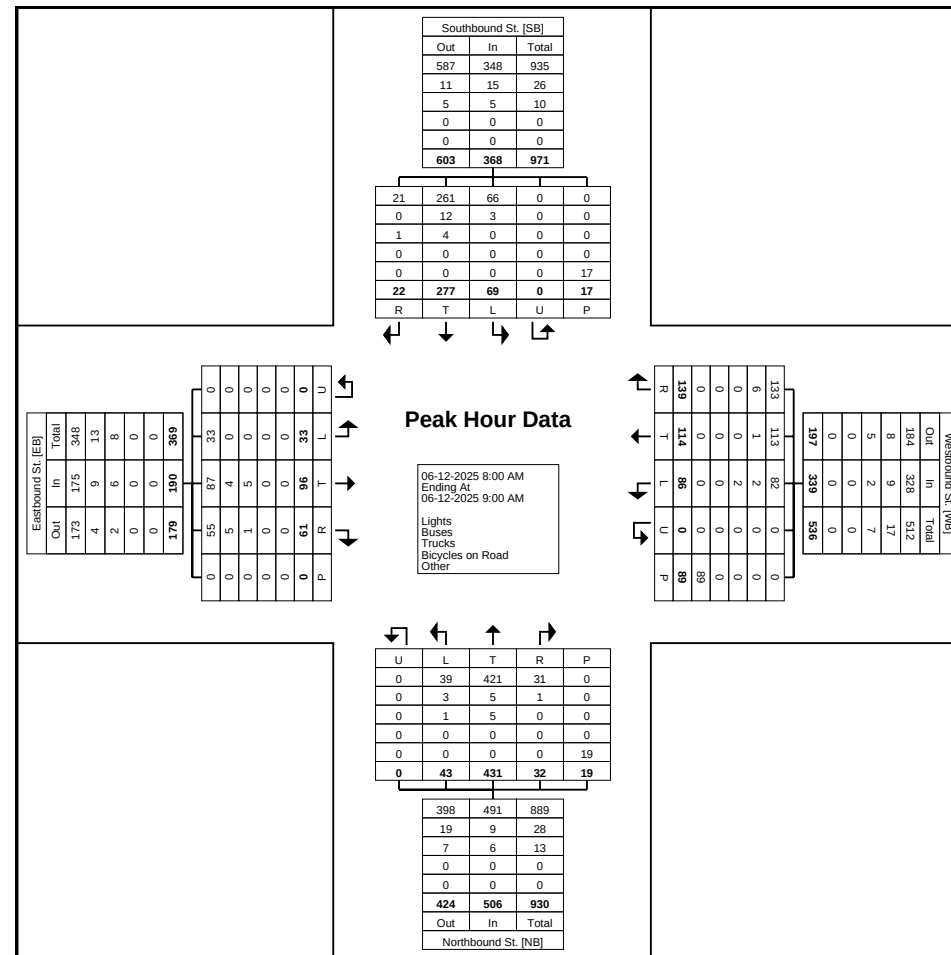
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
8:00 AM	6	60	9	0	0	75	14	29	24	0	2	67	8	93	4	0	1	105	8	17	18	0	0	43	290
8:15 AM	21	53	1	0	7	75	19	24	31	0	24	74	11	123	14	0	5	148	8	29	13	0	0	50	347
8:30 AM	23	77	10	0	8	110	35	27	42	0	51	104	16	121	4	0	11	141	14	32	19	0	0	65	420
8:45 AM	19	87	2	0	2	108	18	34	42	0	12	94	8	94	10	0	2	112	3	18	11	0	0	32	346
Total	69	277	22	0	17	368	86	114	139	0	89	339	43	431	32	0	19	506	33	96	61	0	0	190	1403
Approach %	18.8	75.3	6.0	0.0	-	-	25.4	33.6	41.0	0.0	-	-	8.5	85.2	6.3	0.0	-	-	17.4	50.5	32.1	0.0	-	-	-
Total %	4.9	19.7	1.6	0.0	-	26.2	6.1	8.1	9.9	0.0	-	24.2	3.1	30.7	2.3	0.0	-	36.1	2.4	6.8	4.3	0.0	-	13.5	-
PHF	0.750	0.796	0.550	0.000	-	0.836	0.614	0.838	0.827	0.000	-	0.815	0.672	0.876	0.571	0.000	-	0.855	0.589	0.750	0.803	0.000	-	0.731	0.835
Lights	66	261	21	0	-	348	82	113	133	0	-	328	39	421	31	0	-	491	33	87	55	0	-	175	1342
% Lights	95.7	94.2	95.5	-	-	94.6	95.3	99.1	95.7	-	-	96.8	90.7	97.7	96.9	-	-	97.0	100.0	90.6	90.2	-	-	92.1	95.7
Buses	3	12	0	0	-	15	2	1	6	0	-	9	3	5	1	0	-	9	0	4	5	0	-	9	42
% Buses	4.3	4.3	0.0	-	-	4.1	2.3	0.9	4.3	-	-	2.7	7.0	1.2	3.1	-	-	1.8	0.0	4.2	8.2	-	-	4.7	3.0
Trucks	0	4	1	0	-	5	2	0	0	0	-	2	1	5	0	0	-	6	0	5	1	0	-	6	19
% Trucks	0.0	1.4	4.5	-	-	1.4	2.3	0.0	0.0	-	-	0.6	2.3	1.2	0.0	-	-	1.2	0.0	5.2	1.6	-	-	3.2	1.4
Bicycles on Road	0	0	0	0	-	0	0	0	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	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	3	-	-	-	-	-	14	-	-	-	-	-	1	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	17.6	-	-	-	-	-	15.7	-	-	-	-	-	5.3	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	14	-	-	-	-	-	75	-	-	-	-	-	18	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	82.4	-	-	-	-	-	84.3	-	-	-	-	-	94.7	-	-	-	-	-	-	-	-



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



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Turning Movement Peak Hour Data (12:15 PM)

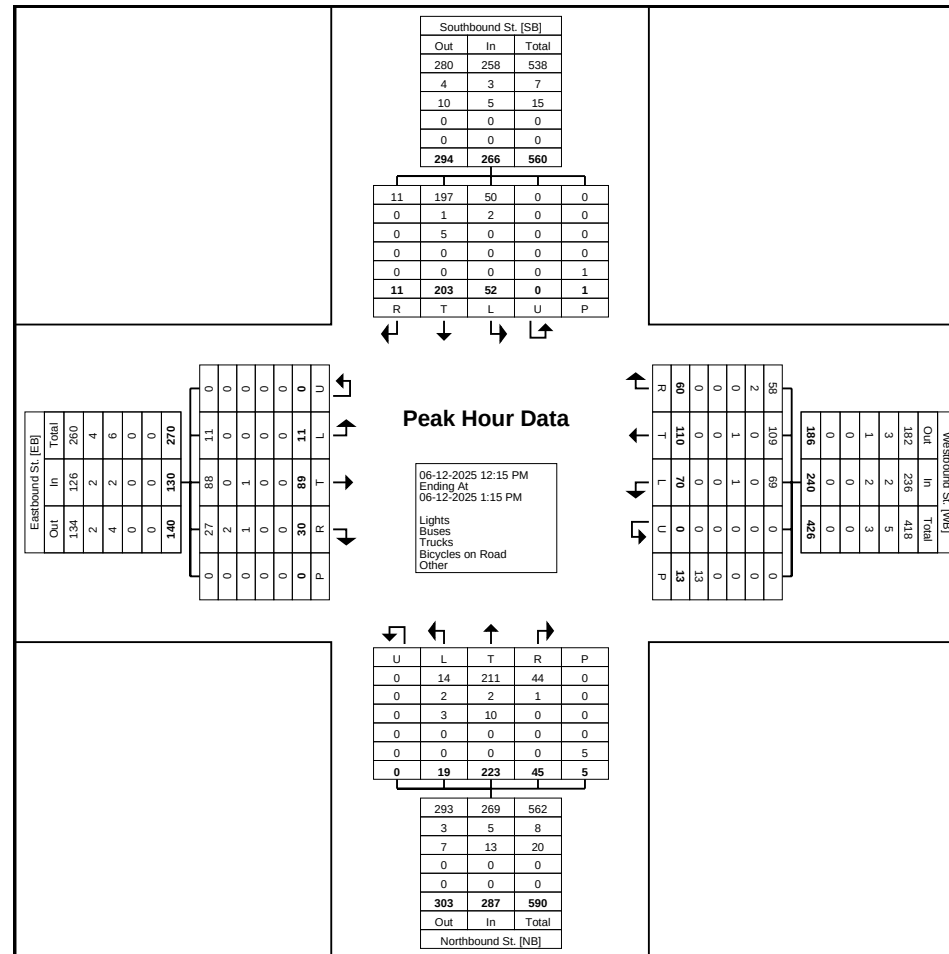
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
12:15 PM	13	59	2	0	1	74	15	24	15	0	1	54	4	48	10	0	1	62	1	21	6	0	0	28	218
12:30 PM	15	52	4	0	0	71	23	31	12	0	3	66	5	49	14	0	1	68	4	21	14	0	0	39	244
12:45 PM	15	52	4	0	0	71	21	26	15	0	5	62	6	70	12	0	2	88	3	27	4	0	0	34	255
1:00 PM	9	40	1	0	0	50	11	29	18	0	4	58	4	56	9	0	1	69	3	20	6	0	0	29	206
Total	52	203	11	0	1	266	70	110	60	0	13	240	19	223	45	0	5	287	11	89	30	0	0	130	923
Approach %	19.5	76.3	4.1	0.0	-	-	29.2	45.8	25.0	0.0	-	-	6.6	77.7	15.7	0.0	-	-	8.5	68.5	23.1	0.0	-	-	-
Total %	5.6	22.0	1.2	0.0	-	28.8	7.6	11.9	6.5	0.0	-	26.0	2.1	24.2	4.9	0.0	-	31.1	1.2	9.6	3.3	0.0	-	14.1	-
PHF	0.867	0.860	0.688	0.000	-	0.899	0.761	0.887	0.833	0.000	-	0.909	0.792	0.796	0.804	0.000	-	0.815	0.688	0.824	0.536	0.000	-	0.833	0.905
Lights	50	197	11	0	-	258	69	109	58	0	-	236	14	211	44	0	-	269	11	88	27	0	-	126	889
% Lights	96.2	97.0	100.0	-	-	97.0	98.6	99.1	96.7	-	-	98.3	73.7	94.6	97.8	-	-	93.7	100.0	98.9	90.0	-	-	96.9	96.3
Buses	2	1	0	0	-	3	0	0	2	0	-	2	2	2	1	0	-	5	0	0	2	0	-	2	12
% Buses	3.8	0.5	0.0	-	-	1.1	0.0	0.0	3.3	-	-	0.8	10.5	0.9	2.2	-	-	1.7	0.0	0.0	6.7	-	-	1.5	1.3
Trucks	0	5	0	0	-	5	1	1	0	0	-	2	3	10	0	0	-	13	0	1	1	0	-	2	22
% Trucks	0.0	2.5	0.0	-	-	1.9	1.4	0.9	0.0	-	-	0.8	15.8	4.5	0.0	-	-	4.5	0.0	1.1	3.3	-	-	1.5	2.4
Bicycles on Road	0	0	0	0	-	0	0	0	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	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	15.4	-	-	-	-	-	20.0	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	1	-	-	-	-	-	11	-	-	-	-	-	4	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	84.6	-	-	-	-	-	80.0	-	-	-	-	-	-	-	-



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Turning Movement Peak Hour Data Plot (12:15 PM)



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Turning Movement Peak Hour Data (4:30 PM)

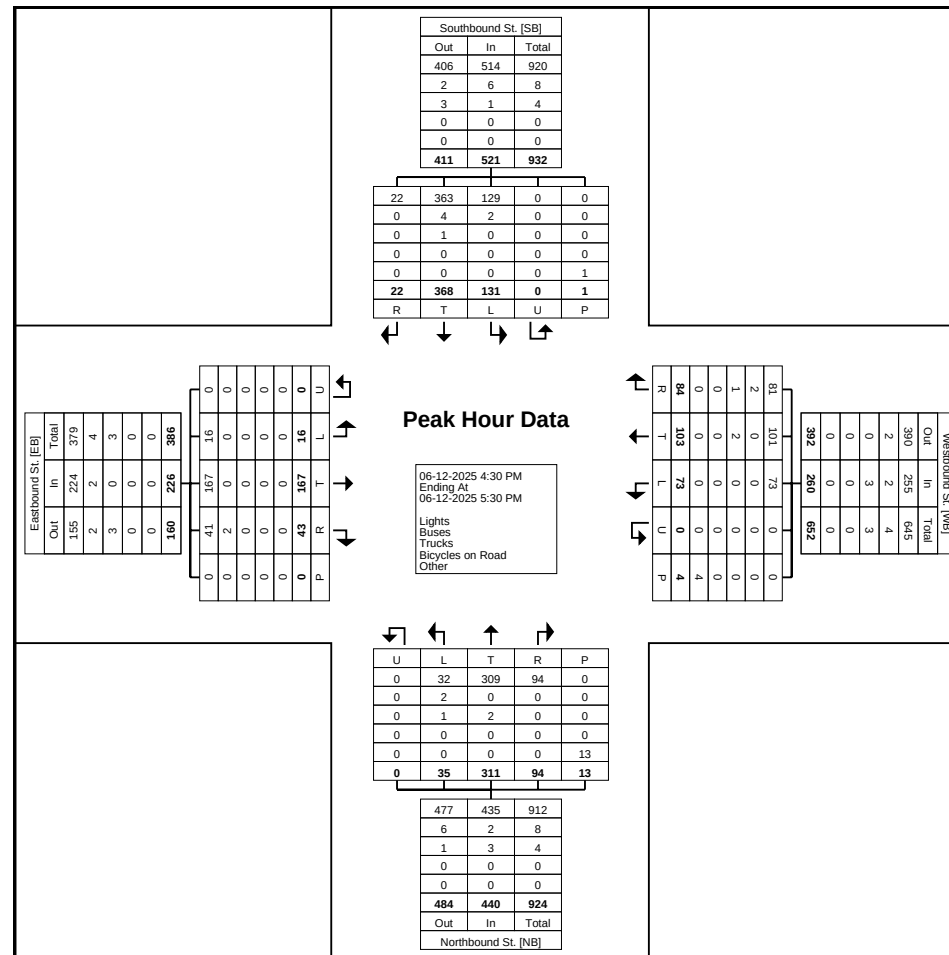
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
4:30 PM	25	99	7	0	0	131	19	18	21	0	1	58	11	68	18	0	1	97	5	52	18	0	0	75	361
4:45 PM	44	102	4	0	1	150	20	28	17	0	1	65	6	90	16	0	11	112	5	36	7	0	0	48	375
5:00 PM	27	89	7	0	0	123	23	34	17	0	1	74	10	77	30	0	0	117	2	36	9	0	0	47	361
5:15 PM	35	78	4	0	0	117	11	23	29	0	1	63	8	76	30	0	1	114	4	43	9	0	0	56	350
Total	131	368	22	0	1	521	73	103	84	0	4	260	35	311	94	0	13	440	16	167	43	0	0	226	1447
Approach %	25.1	70.6	4.2	0.0	-	-	28.1	39.6	32.3	0.0	-	-	8.0	70.7	21.4	0.0	-	-	7.1	73.9	19.0	0.0	-	-	-
Total %	9.1	25.4	1.5	0.0	-	36.0	5.0	7.1	5.8	0.0	-	18.0	2.4	21.5	6.5	0.0	-	30.4	1.1	11.5	3.0	0.0	-	15.6	-
PHF	0.744	0.902	0.786	0.000	-	0.868	0.793	0.757	0.724	0.000	-	0.878	0.795	0.864	0.783	0.000	-	0.940	0.800	0.803	0.597	0.000	-	0.753	0.965
Lights	129	363	22	0	-	514	73	101	81	0	-	255	32	309	94	0	-	435	16	167	41	0	-	224	1428
% Lights	98.5	98.6	100.0	-	-	98.7	100.0	98.1	96.4	-	-	98.1	91.4	99.4	100.0	-	-	98.9	100.0	100.0	95.3	-	-	99.1	98.7
Buses	2	4	0	0	-	6	0	0	2	0	-	2	2	0	0	0	-	2	0	0	2	0	-	2	12
% Buses	1.5	1.1	0.0	-	-	1.2	0.0	0.0	2.4	-	-	0.8	5.7	0.0	0.0	-	-	0.5	0.0	0.0	4.7	-	-	0.9	0.8
Trucks	0	1	0	0	-	1	0	2	1	0	-	3	1	2	0	0	-	3	0	0	0	0	-	0	7
% Trucks	0.0	0.3	0.0	-	-	0.2	0.0	1.9	1.2	-	-	1.2	2.9	0.6	0.0	-	-	0.7	0.0	0.0	0.0	-	-	0.0	0.5
Bicycles on Road	0	0	0	0	-	0	0	0	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	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	100.0	-	-	-	-	-	25.0	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	0	-	-	-	-	-	3	-	-	-	-	-	13	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	0.0	-	-	-	-	-	75.0	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-



The City of Red Deer
4914 – 48 Avenue

Red Deer, Alberta, Canada T4N 3T4
403- 342-8111 richard.silvestre@reddeer.ca
CORD

Count Name: 39 Street - 40 Avenue - AM,
NOON & PM
Site Code:
Start Date: 06-12-2025
Page No: 9



Turning Movement Peak Hour Data Plot (4:30 PM)