



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

Count Name: Spencer 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						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	4	49	2	0	2	55	1	0	5	0	0	6	4	133	0	0	0	137	1	0	6	0	0	7	205
7:15 AM	5	67	0	0	1	72	3	0	5	0	2	8	0	167	0	0	1	167	1	0	4	0	1	5	252
7:30 AM	6	76	3	0	2	85	4	1	17	0	0	22	4	243	1	0	0	248	1	0	6	0	0	7	362
7:45 AM	5	94	6	0	1	105	3	0	19	0	2	22	7	275	1	0	0	283	2	1	8	0	0	11	421
Hourly Total	20	286	11	0	6	317	11	1	46	0	4	58	15	818	2	0	1	835	5	1	24	0	1	30	1240
8:00 AM	1	83	7	0	3	91	2	2	14	0	3	18	6	229	0	0	1	235	2	0	2	0	1	4	348
8:15 AM	8	114	9	0	3	131	5	0	8	0	11	13	4	235	4	0	8	243	5	2	9	0	0	16	403
8:30 AM	7	144	10	0	3	161	3	1	20	0	5	24	12	197	16	0	2	225	1	1	8	0	0	10	420
8:45 AM	4	121	14	0	2	139	7	2	17	0	2	26	24	177	1	0	3	202	5	2	10	0	0	17	384
Hourly Total	20	462	40	0	11	522	17	5	59	0	21	81	46	838	21	0	14	905	13	5	29	0	1	47	1555
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	8	118	3	0	0	129	3	1	11	0	0	15	5	102	4	0	1	111	4	0	5	0	0	9	264
11:45 AM	8	111	6	0	2	125	5	0	8	0	5	13	4	121	4	0	0	129	1	3	2	0	0	6	273
Hourly Total	16	229	9	0	2	254	8	1	19	0	5	28	9	223	8	0	1	240	5	3	7	0	0	15	537
12:00 PM	11	134	4	0	0	149	3	0	5	0	4	8	11	129	5	0	1	145	1	1	7	0	0	9	311
12:15 PM	8	110	6	0	1	124	2	4	13	0	1	19	12	114	2	0	0	128	1	1	4	0	0	6	277
12:30 PM	5	117	2	0	1	124	5	0	7	0	2	12	9	125	3	0	0	137	1	0	5	0	0	6	279
12:45 PM	7	128	5	0	0	140	2	2	11	0	0	15	5	146	3	0	1	154	2	1	7	0	0	10	319
Hourly Total	31	489	17	0	2	537	12	6	36	0	7	54	37	514	13	0	2	564	5	3	23	0	0	31	1186
1:00 PM	1	99	4	0	0	104	2	3	5	0	2	10	7	96	4	0	1	107	1	1	5	0	0	7	228
1:15 PM	6	113	10	0	0	129	6	1	5	0	0	12	4	112	3	0	0	119	2	1	4	0	0	7	267
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	7	212	14	0	0	233	8	4	10	0	2	22	11	208	7	0	1	226	3	2	9	0	0	14	495
3:00 PM	10	142	5	0	0	157	5	1	13	0	0	19	5	156	3	0	0	164	4	1	3	0	0	8	348
3:15 PM	18	202	6	0	4	226	1	0	12	0	0	13	10	140	10	0	1	160	3	0	2	0	2	5	404
3:30 PM	18	219	4	0	5	241	5	1	22	0	2	28	10	147	6	0	6	163	3	1	18	0	1	22	454
3:45 PM	6	203	8	0	5	217	5	1	10	0	12	16	6	138	3	0	1	147	2	0	12	0	2	14	394
Hourly Total	52	766	23	0	14	841	16	3	57	0	14	76	31	581	22	0	8	634	12	2	35	0	5	49	1600
4:00 PM	13	214	9	0	2	236	2	0	8	0	6	10	14	135	6	0	0	155	2	2	9	1	1	14	415
4:15 PM	9	222	9	1	0	241	6	0	3	0	0	9	8	152	3	0	1	163	5	0	12	0	0	17	430
4:30 PM	9	243	10	0	2	262	3	0	12	0	4	15	8	153	7	0	0	168	3	0	13	0	0	16	461
4:45 PM	9	238	7	0	0	254	1	1	7	0	1	9	3	171	8	0	0	182	2	2	7	0	0	11	456
Hourly Total	40	917	35	1	4	993	12	1	30	0	11	43	33	611	24	0	1	668	12	4	41	1	1	58	1762
5:00 PM	19	236	5	0	0	260	3	0	8	0	1	11	8	161	4	0	0	173	4	0	6	0	0	10	454

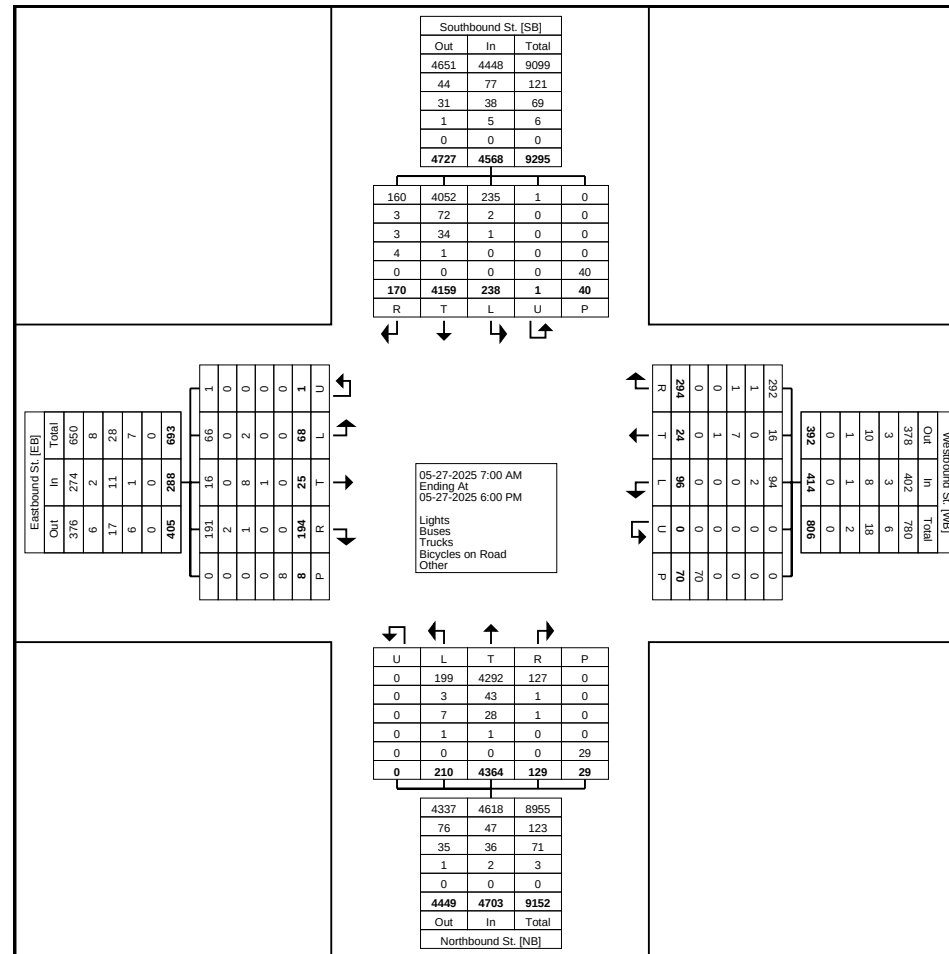
5:15 PM	23	192	5	0	0	220	4	1	12	0	0	17	10	144	13	0	0	167	5	4	6	0	0	15	419
5:30 PM	4	191	6	0	1	201	2	0	14	0	1	16	3	135	5	0	0	143	1	1	4	0	0	6	366
5:45 PM	6	179	5	0	0	190	3	2	3	0	4	8	7	131	10	0	1	148	3	0	10	0	0	13	359
Hourly Total	52	798	21	0	1	871	12	3	37	0	6	52	28	571	32	0	1	631	13	5	26	0	0	44	1598
Grand Total	238	4159	170	1	40	4568	96	24	294	0	70	414	210	4364	129	0	29	4703	68	25	194	1	8	288	9973
Approach %	5.2	91.0	3.7	0.0	-	-	23.2	5.8	71.0	0.0	-	-	4.5	92.8	2.7	0.0	-	-	23.6	8.7	67.4	0.3	-	-	-
Total %	2.4	41.7	1.7	0.0	-	45.8	1.0	0.2	2.9	0.0	-	4.2	2.1	43.8	1.3	0.0	-	47.2	0.7	0.3	1.9	0.0	-	2.9	-
Lights	235	4052	160	1	-	4448	94	16	292	0	-	402	199	4292	127	0	-	4618	66	16	191	1	-	274	9742
% Lights	98.7	97.4	94.1	100.0	-	97.4	97.9	66.7	99.3	-	-	97.1	94.8	98.4	98.4	-	-	98.2	97.1	64.0	98.5	100.0	-	95.1	97.7
Buses	2	72	3	0	-	77	2	0	1	0	-	3	3	43	1	0	-	47	0	0	2	0	-	2	129
% Buses	0.8	1.7	1.8	0.0	-	1.7	2.1	0.0	0.3	-	-	0.7	1.4	1.0	0.8	-	-	1.0	0.0	0.0	1.0	0.0	-	0.7	1.3
Trucks	1	34	3	0	-	38	0	7	1	0	-	8	7	28	1	0	-	36	2	8	1	0	-	11	93
% Trucks	0.4	0.8	1.8	0.0	-	0.8	0.0	29.2	0.3	-	-	1.9	3.3	0.6	0.8	-	-	0.8	2.9	32.0	0.5	0.0	-	3.8	0.9
Bicycles on Road	0	1	4	0	-	5	0	1	0	0	-	1	1	1	0	0	-	2	0	1	0	0	-	1	9
% Bicycles on Road	0.0	0.0	2.4	0.0	-	0.1	0.0	4.2	0.0	-	-	0.2	0.5	0.0	0.0	-	-	0.0	0.0	4.0	0.0	0.0	-	0.3	0.1
Bicycles on Crosswalk	-	-	-	-	25	-	-	-	-	-	41	-	-	-	-	-	12	-	-	-	-	-	1	-	-
% Bicycles on Crosswalk	-	-	-	-	62.5	-	-	-	-	-	58.6	-	-	-	-	-	41.4	-	-	-	-	-	12.5	-	-
Pedestrians	-	-	-	-	15	-	-	-	-	-	29	-	-	-	-	-	17	-	-	-	-	-	7	-	-
% Pedestrians	-	-	-	-	37.5	-	-	-	-	-	41.4	-	-	-	-	-	58.6	-	-	-	-	-	87.5	-	-



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Turning Movement Peak Hour Data (7:45 AM)

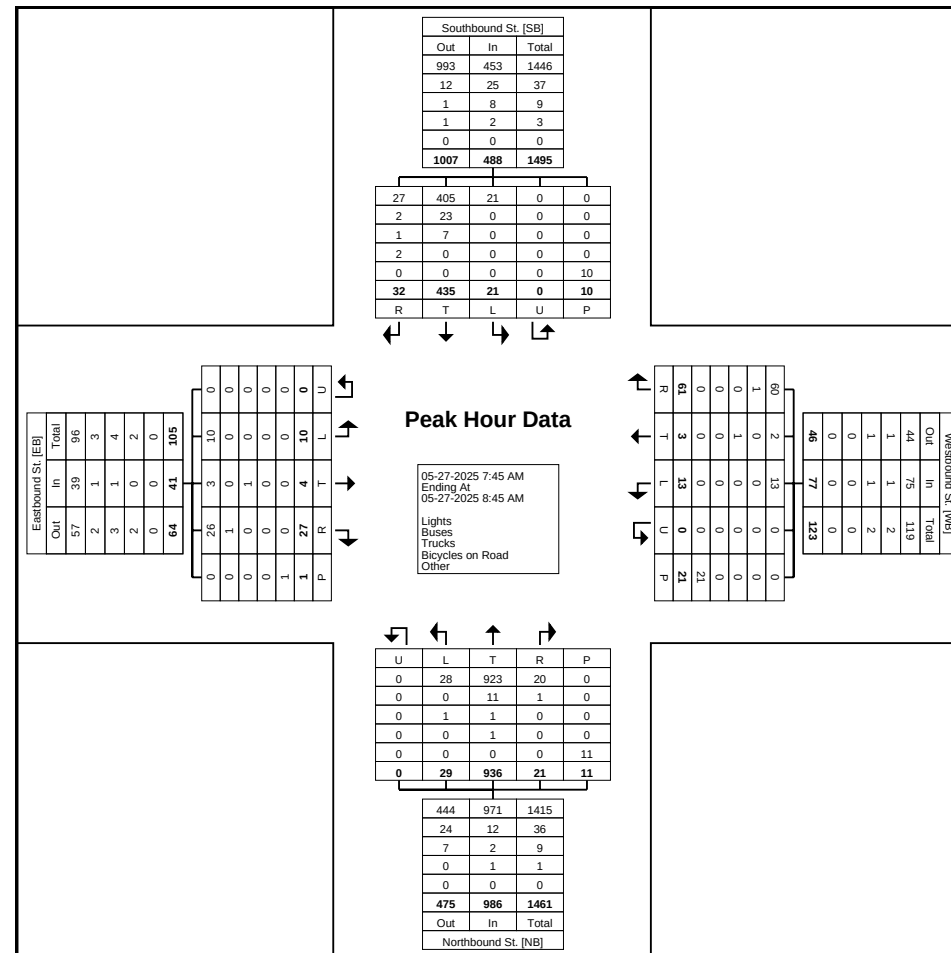
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
7:45 AM	5	94	6	0	1	105	3	0	19	0	2	22	7	275	1	0	0	283	2	1	8	0	0	11	421
8:00 AM	1	83	7	0	3	91	2	2	14	0	3	18	6	229	0	0	1	235	2	0	2	0	1	4	348
8:15 AM	8	114	9	0	3	131	5	0	8	0	11	13	4	235	4	0	8	243	5	2	9	0	0	16	403
8:30 AM	7	144	10	0	3	161	3	1	20	0	5	24	12	197	16	0	2	225	1	1	8	0	0	10	420
Total	21	435	32	0	10	488	13	3	61	0	21	77	29	936	21	0	11	986	10	4	27	0	1	41	1592
Approach %	4.3	89.1	6.6	0.0	-	-	16.9	3.9	79.2	0.0	-	-	2.9	94.9	2.1	0.0	-	-	24.4	9.8	65.9	0.0	-	-	-
Total %	1.3	27.3	2.0	0.0	-	30.7	0.8	0.2	3.8	0.0	-	4.8	1.8	58.8	1.3	0.0	-	61.9	0.6	0.3	1.7	0.0	-	2.6	-
PHF	0.656	0.755	0.800	0.000	-	0.758	0.650	0.375	0.763	0.000	-	0.802	0.604	0.851	0.328	0.000	-	0.871	0.500	0.500	0.750	0.000	-	0.641	0.945
Lights	21	405	27	0	-	453	13	2	60	0	-	75	28	923	20	0	-	971	10	3	26	0	-	39	1538
% Lights	100.0	93.1	84.4	-	-	92.8	100.0	66.7	98.4	-	-	97.4	96.6	98.6	95.2	-	-	98.5	100.0	75.0	96.3	-	-	95.1	96.6
Buses	0	23	2	0	-	25	0	0	1	0	-	1	0	11	1	0	-	12	0	0	1	0	-	1	39
% Buses	0.0	5.3	6.3	-	-	5.1	0.0	0.0	1.6	-	-	1.3	0.0	1.2	4.8	-	-	1.2	0.0	0.0	3.7	-	-	2.4	2.4
Trucks	0	7	1	0	-	8	0	1	0	0	-	1	1	1	0	0	-	2	0	1	0	0	-	1	12
% Trucks	0.0	1.6	3.1	-	-	1.6	0.0	33.3	0.0	-	-	1.3	3.4	0.1	0.0	-	-	0.2	0.0	25.0	0.0	-	-	2.4	0.8
Bicycles on Road	0	0	2	0	-	2	0	0	0	0	-	0	0	1	0	0	-	1	0	0	0	0	-	0	3
% Bicycles on Road	0.0	0.0	6.3	-	-	0.4	0.0	0.0	0.0	-	-	0.0	0.0	0.1	0.0	-	-	0.1	0.0	0.0	0.0	-	-	0.0	0.2
Bicycles on Crosswalk	-	-	-	-	5	-	-	-	-	-	13	-	-	-	-	-	2	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	50.0	-	-	-	-	-	61.9	-	-	-	-	-	18.2	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	5	-	-	-	-	-	8	-	-	-	-	-	9	-	-	-	-	-	1	-	-
% Pedestrians	-	-	-	-	50.0	-	-	-	-	-	38.1	-	-	-	-	-	81.8	-	-	-	-	-	100.0	-	-



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Turning Movement Peak Hour Data Plot (7:45 AM)



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Turning Movement Peak Hour Data (12:00 PM)

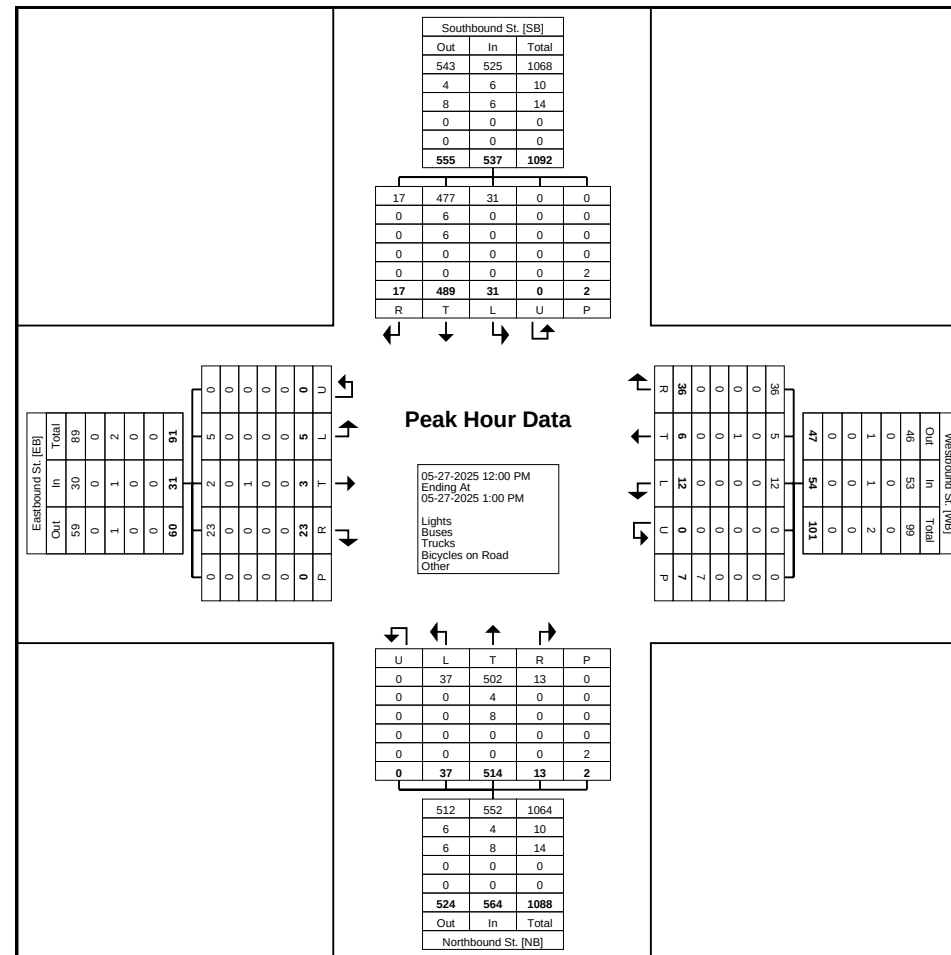
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
12:00 PM	11	134	4	0	0	149	3	0	5	0	4	8	11	129	5	0	1	145	1	1	7	0	0	9	311
12:15 PM	8	110	6	0	1	124	2	4	13	0	1	19	12	114	2	0	0	128	1	1	4	0	0	6	277
12:30 PM	5	117	2	0	1	124	5	0	7	0	2	12	9	125	3	0	0	137	1	0	5	0	0	6	279
12:45 PM	7	128	5	0	0	140	2	2	11	0	0	15	5	146	3	0	1	154	2	1	7	0	0	10	319
Total	31	489	17	0	2	537	12	6	36	0	7	54	37	514	13	0	2	564	5	3	23	0	0	31	1186
Approach %	5.8	91.1	3.2	0.0	-	-	22.2	11.1	66.7	0.0	-	-	6.6	91.1	2.3	0.0	-	-	16.1	9.7	74.2	0.0	-	-	-
Total %	2.6	41.2	1.4	0.0	-	45.3	1.0	0.5	3.0	0.0	-	4.6	3.1	43.3	1.1	0.0	-	47.6	0.4	0.3	1.9	0.0	-	2.6	-
PHF	0.705	0.912	0.708	0.000	-	0.901	0.600	0.375	0.692	0.000	-	0.711	0.771	0.880	0.650	0.000	-	0.916	0.625	0.750	0.821	0.000	-	0.775	0.929
Lights	31	477	17	0	-	525	12	5	36	0	-	53	37	502	13	0	-	552	5	2	23	0	-	30	1160
% Lights	100.0	97.5	100.0	-	-	97.8	100.0	83.3	100.0	-	-	98.1	100.0	97.7	100.0	-	-	97.9	100.0	66.7	100.0	-	-	96.8	97.8
Buses	0	6	0	0	-	6	0	0	0	0	-	0	0	4	0	0	-	4	0	0	0	0	-	0	10
% Buses	0.0	1.2	0.0	-	-	1.1	0.0	0.0	0.0	-	-	0.0	0.0	0.8	0.0	-	-	0.7	0.0	0.0	0.0	-	-	0.0	0.8
Trucks	0	6	0	0	-	6	0	1	0	0	-	1	0	8	0	0	-	8	0	1	0	0	-	1	16
% Trucks	0.0	1.2	0.0	-	-	1.1	0.0	16.7	0.0	-	-	1.9	0.0	1.6	0.0	-	-	1.4	0.0	33.3	0.0	-	-	3.2	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	-	-	-	-	2	-	-	-	-	-	5	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	100.0	-	-	-	-	-	71.4	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	0.0	-	-	-	-	-	28.6	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-



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



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Turning Movement Peak Hour Data (4:15 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	
4:15 PM	9	222	9	1	0	241	6	0	3	0	0	9	8	152	3	0	1	163	5	0	12	0	0	17	430
4:30 PM	9	243	10	0	2	262	3	0	12	0	4	15	8	153	7	0	0	168	3	0	13	0	0	16	461
4:45 PM	9	238	7	0	0	254	1	1	7	0	1	9	3	171	8	0	0	182	2	2	7	0	0	11	456
5:00 PM	19	236	5	0	0	260	3	0	8	0	1	11	8	161	4	0	0	173	4	0	6	0	0	10	454
Total	46	939	31	1	2	1017	13	1	30	0	6	44	27	637	22	0	1	686	14	2	38	0	0	54	1801
Approach %	4.5	92.3	3.0	0.1	-	-	29.5	2.3	68.2	0.0	-	-	3.9	92.9	3.2	0.0	-	-	25.9	3.7	70.4	0.0	-	-	-
Total %	2.6	52.1	1.7	0.1	-	56.5	0.7	0.1	1.7	0.0	-	2.4	1.5	35.4	1.2	0.0	-	38.1	0.8	0.1	2.1	0.0	-	3.0	-
PHF	0.605	0.966	0.775	0.250	-	0.970	0.542	0.250	0.625	0.000	-	0.733	0.844	0.931	0.688	0.000	-	0.942	0.700	0.250	0.731	0.000	-	0.794	0.977
Lights	46	932	30	1	-	1009	11	0	30	0	-	41	26	632	22	0	-	680	13	2	36	0	-	51	1781
% Lights	100.0	99.3	96.8	100.0	-	99.2	84.6	0.0	100.0	-	-	93.2	96.3	99.2	100.0	-	-	99.1	92.9	100.0	94.7	-	-	94.4	98.9
Buses	0	6	0	0	-	6	2	0	0	0	-	2	0	3	0	0	-	3	0	0	1	0	-	1	12
% Buses	0.0	0.6	0.0	0.0	-	0.6	15.4	0.0	0.0	-	-	4.5	0.0	0.5	0.0	-	-	0.4	0.0	0.0	2.6	-	-	1.9	0.7
Trucks	0	1	1	0	-	2	0	1	0	0	-	1	1	2	0	0	-	3	1	0	1	0	-	2	8
% Trucks	0.0	0.1	3.2	0.0	-	0.2	0.0	100.0	0.0	-	-	2.3	3.7	0.3	0.0	-	-	0.4	7.1	0.0	2.6	-	-	3.7	0.4
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	0.0
Bicycles on Crosswalk	-	-	-	-	1	-	-	-	-	-	5	-	-	-	-	-	1	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	50.0	-	-	-	-	-	83.3	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	50.0	-	-	-	-	-	16.7	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-



The City of Red Deer
4914 – 48 Avenue

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

Count Name: Spencer Street - 40 Avenue - AM,
NOON & PM
Site Code:
Start Date: 05-27-2025
Page No: 9

