



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 Street (North) - 48 Avenue -
AM, NOON & PM
Site Code:
Start Date: 05-29-2025
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	5	13	0	0	18	9	3	0	1	12	33	17	0	0	50	80
7:15 AM	6	10	0	1	16	10	3	0	2	13	60	18	0	0	78	107
7:30 AM	4	23	0	0	27	8	2	0	1	10	76	19	0	0	95	132
7:45 AM	2	19	0	0	21	19	9	0	5	28	121	18	0	0	139	188
Hourly Total	17	65	0	1	82	46	17	0	9	63	290	72	0	0	362	507
8:00 AM	0	43	0	0	43	26	10	0	1	36	106	26	0	0	132	211
8:15 AM	4	24	0	0	28	34	11	0	0	45	70	21	0	0	91	164
8:30 AM	4	26	0	0	30	28	6	0	1	34	108	23	0	0	131	195
8:45 AM	6	38	0	0	44	20	8	0	1	28	91	23	0	0	114	186
Hourly Total	14	131	0	0	145	108	35	0	3	143	375	93	0	0	468	756
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	4	60	0	0	64	19	10	0	0	29	59	18	0	0	77	170
11:45 AM	4	54	0	1	58	23	12	0	1	35	60	17	0	0	77	170
Hourly Total	8	114	0	1	122	42	22	0	1	64	119	35	0	0	154	340
12:00 PM	5	94	0	0	99	17	9	0	4	26	63	17	0	0	80	205
12:15 PM	1	49	0	0	50	31	6	0	3	37	46	14	0	1	60	147
12:30 PM	5	42	0	0	47	22	9	0	1	31	63	25	0	0	88	166
12:45 PM	10	44	0	0	54	17	6	0	2	23	88	25	0	0	113	190
Hourly Total	21	229	0	0	250	87	30	0	10	117	260	81	0	1	341	708
1:00 PM	5	54	0	1	59	21	8	0	0	29	47	17	0	0	64	152
1:15 PM	2	42	0	0	44	21	8	0	4	29	40	16	0	0	56	129
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	7	96	0	1	103	42	16	0	4	58	87	33	0	0	120	281
3:00 PM	10	69	0	0	79	27	5	0	1	32	45	39	0	0	84	195
3:15 PM	9	74	0	0	83	31	11	0	4	42	46	29	0	0	75	200
3:30 PM	7	82	0	1	89	22	4	0	1	26	64	30	0	0	94	209
3:45 PM	11	78	0	0	89	21	13	0	1	34	55	42	0	0	97	220
Hourly Total	37	303	0	1	340	101	33	0	7	134	210	140	0	0	350	824
4:00 PM	10	88	0	0	98	30	10	0	1	40	55	31	0	0	86	224
4:15 PM	6	81	0	0	87	25	11	0	2	36	55	55	0	0	110	233
4:30 PM	7	133	0	0	140	27	8	0	0	35	54	27	0	0	81	256
4:45 PM	7	102	0	1	109	20	9	0	3	29	51	18	0	0	69	207
Hourly Total	30	404	0	1	434	102	38	0	6	140	215	131	0	0	346	920
5:00 PM	9	103	0	1	112	14	4	0	5	18	48	23	0	0	71	201

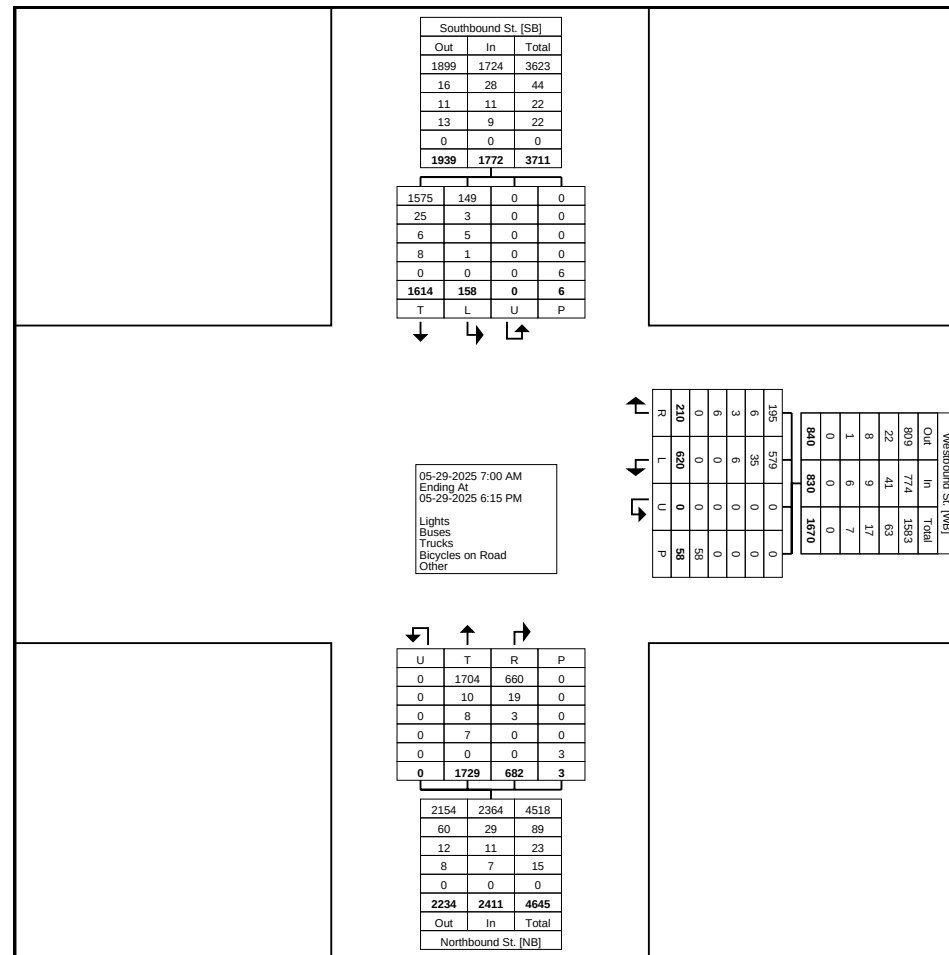
5:15 PM	6	78	0	0	84	22	3	0	2	25	54	28	0	2	82	191
5:30 PM	6	47	0	0	53	26	6	0	10	32	33	21	0	0	54	139
5:45 PM	3	44	0	0	47	30	6	0	1	36	38	25	0	0	63	146
Hourly Total	24	272	0	1	296	92	19	0	18	111	173	97	0	2	270	677
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	158	1614	0	6	1772	620	210	0	58	830	1729	682	0	3	2411	5013
Approach %	8.9	91.1	0.0	-	-	74.7	25.3	0.0	-	-	71.7	28.3	0.0	-	-	-
Total %	3.2	32.2	0.0	-	35.3	12.4	4.2	0.0	-	16.6	34.5	13.6	0.0	-	48.1	-
Lights	149	1575	0	-	1724	579	195	0	-	774	1704	660	0	-	2364	4862
% Lights	94.3	97.6	-	-	97.3	93.4	92.9	-	-	93.3	98.6	96.8	-	-	98.1	97.0
Buses	3	25	0	-	28	35	6	0	-	41	10	19	0	-	29	98
% Buses	1.9	1.5	-	-	1.6	5.6	2.9	-	-	4.9	0.6	2.8	-	-	1.2	2.0
Trucks	5	6	0	-	11	6	3	0	-	9	8	3	0	-	11	31
% Trucks	3.2	0.4	-	-	0.6	1.0	1.4	-	-	1.1	0.5	0.4	-	-	0.5	0.6
Bicycles on Road	1	8	0	-	9	0	6	0	-	6	7	0	0	-	7	22
% Bicycles on Road	0.6	0.5	-	-	0.5	0.0	2.9	-	-	0.7	0.4	0.0	-	-	0.3	0.4
Bicycles on Crosswalk	-	-	-	3	-	-	-	-	23	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	50.0	-	-	-	-	39.7	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	3	-	-	-	-	35	-	-	-	-	3	-	-
% Pedestrians	-	-	-	50.0	-	-	-	-	60.3	-	-	-	-	100.0	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (7:45 AM)

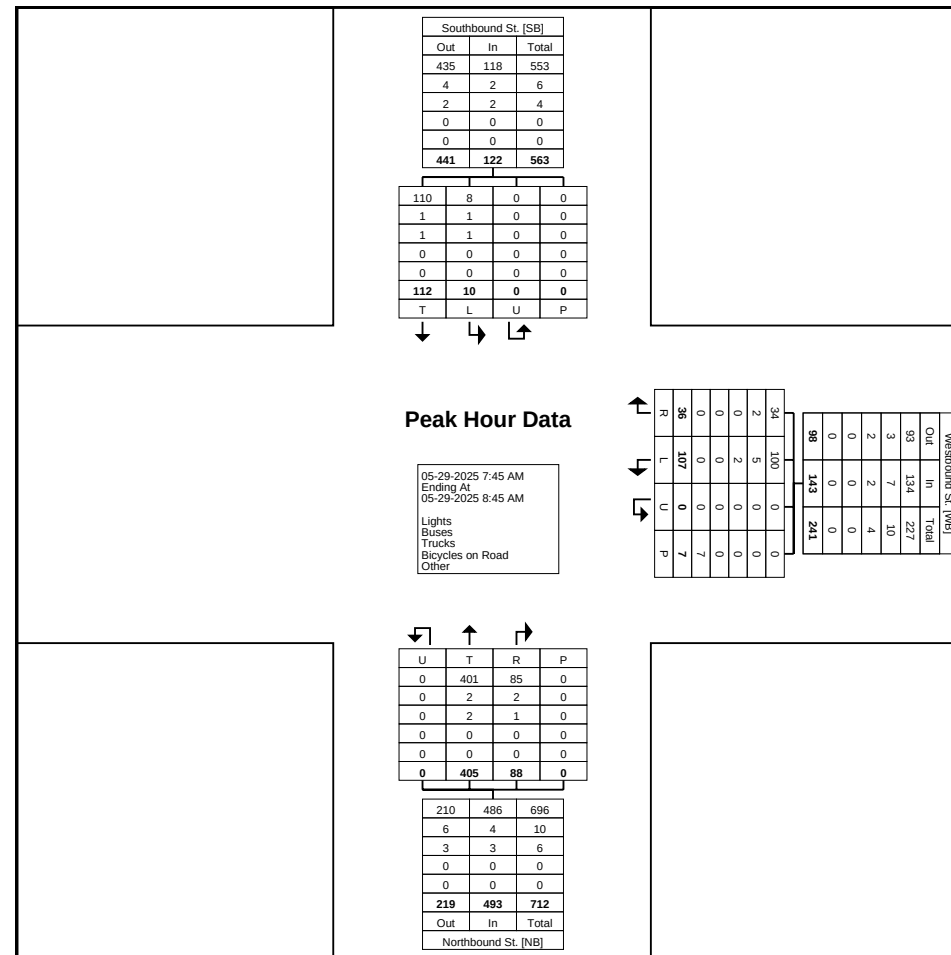
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
7:45 AM	2	19	0	0	21	19	9	0	5	28	121	18	0	0	139	188
8:00 AM	0	43	0	0	43	26	10	0	1	36	106	26	0	0	132	211
8:15 AM	4	24	0	0	28	34	11	0	0	45	70	21	0	0	91	164
8:30 AM	4	26	0	0	30	28	6	0	1	34	108	23	0	0	131	195
Total	10	112	0	0	122	107	36	0	7	143	405	88	0	0	493	758
Approach %	8.2	91.8	0.0	-	-	74.8	25.2	0.0	-	-	82.2	17.8	0.0	-	-	-
Total %	1.3	14.8	0.0	-	16.1	14.1	4.7	0.0	-	18.9	53.4	11.6	0.0	-	65.0	-
PHF	0.625	0.651	0.000	-	0.709	0.787	0.818	0.000	-	0.794	0.837	0.846	0.000	-	0.887	0.898
Lights	8	110	0	-	118	100	34	0	-	134	401	85	0	-	486	738
% Lights	80.0	98.2	-	-	96.7	93.5	94.4	-	-	93.7	99.0	96.6	-	-	98.6	97.4
Buses	1	1	0	-	2	5	2	0	-	7	2	2	0	-	4	13
% Buses	10.0	0.9	-	-	1.6	4.7	5.6	-	-	4.9	0.5	2.3	-	-	0.8	1.7
Trucks	1	1	0	-	2	2	0	0	-	2	2	1	0	-	3	7
% Trucks	10.0	0.9	-	-	1.6	1.9	0.0	-	-	1.4	0.5	1.1	-	-	0.6	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	-	-	-	-	3	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	42.9	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	4	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	57.1	-	-	-	-	-	-	-



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Turning Movement Peak Hour Data (12:00 PM)

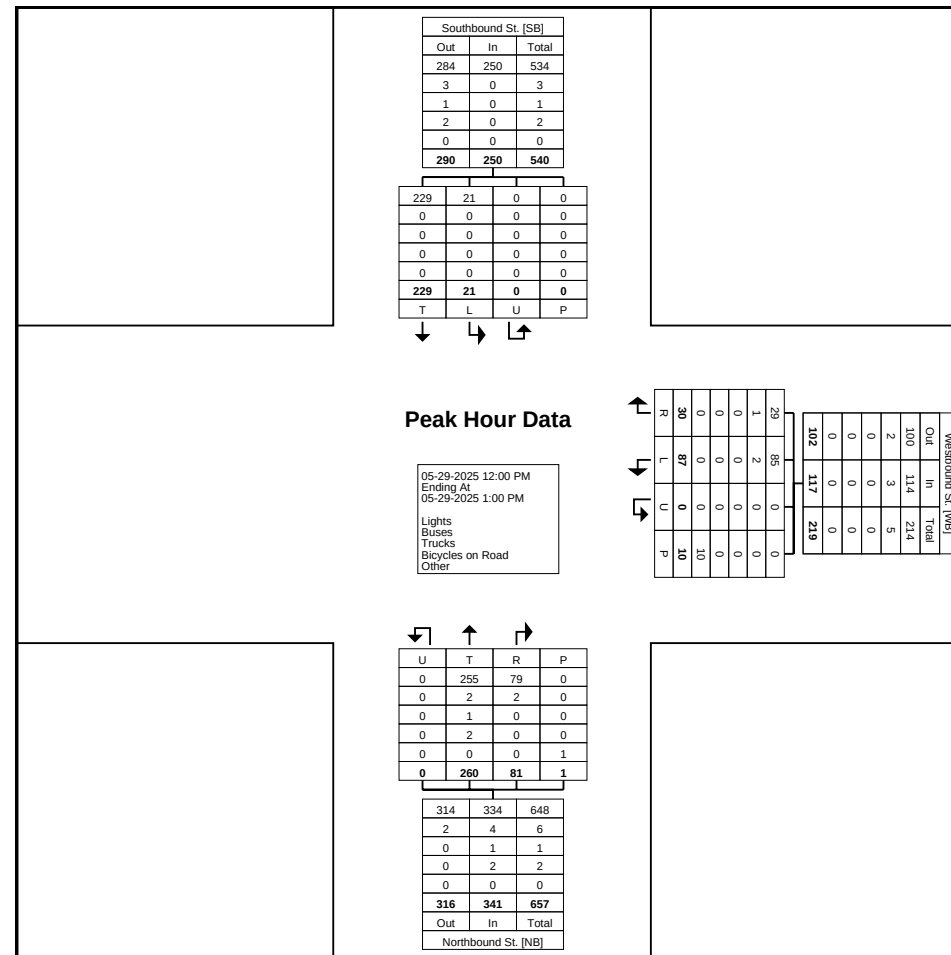
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
12:00 PM	5	94	0	0	99	17	9	0	4	26	63	17	0	0	80	205
12:15 PM	1	49	0	0	50	31	6	0	3	37	46	14	0	1	60	147
12:30 PM	5	42	0	0	47	22	9	0	1	31	63	25	0	0	88	166
12:45 PM	10	44	0	0	54	17	6	0	2	23	88	25	0	0	113	190
Total	21	229	0	0	250	87	30	0	10	117	260	81	0	1	341	708
Approach %	8.4	91.6	0.0	-	-	74.4	25.6	0.0	-	-	76.2	23.8	0.0	-	-	-
Total %	3.0	32.3	0.0	-	35.3	12.3	4.2	0.0	-	16.5	36.7	11.4	0.0	-	48.2	-
PHF	0.525	0.609	0.000	-	0.631	0.702	0.833	0.000	-	0.791	0.739	0.810	0.000	-	0.754	0.863
Lights	21	229	0	-	250	85	29	0	-	114	255	79	0	-	334	698
% Lights	100.0	100.0	-	-	100.0	97.7	96.7	-	-	97.4	98.1	97.5	-	-	97.9	98.6
Buses	0	0	0	-	0	2	1	0	-	3	2	2	0	-	4	7
% Buses	0.0	0.0	-	-	0.0	2.3	3.3	-	-	2.6	0.8	2.5	-	-	1.2	1.0
Trucks	0	0	0	-	0	0	0	0	-	0	1	0	0	-	1	1
% Trucks	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.4	0.0	-	-	0.3	0.1
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	2	0	0	-	2	2
% Bicycles on Road	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.8	0.0	-	-	0.6	0.3
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	1	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	10.0	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	0	-	-	-	-	9	-	-	-	-	1	-	-
% Pedestrians	-	-	-	-	-	-	-	-	90.0	-	-	-	-	100.0	-	-



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Turning Movement Peak Hour Data (3:45 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	
3:45 PM	11	78	0	0	89	21	13	0	1	34	55	42	0	0	97	220
4:00 PM	10	88	0	0	98	30	10	0	1	40	55	31	0	0	86	224
4:15 PM	6	81	0	0	87	25	11	0	2	36	55	55	0	0	110	233
4:30 PM	7	133	0	0	140	27	8	0	0	35	54	27	0	0	81	256
Total	34	380	0	0	414	103	42	0	4	145	219	155	0	0	374	933
Approach %	8.2	91.8	0.0	-	-	71.0	29.0	0.0	-	-	58.6	41.4	0.0	-	-	-
Total %	3.6	40.7	0.0	-	44.4	11.0	4.5	0.0	-	15.5	23.5	16.6	0.0	-	40.1	-
PHF	0.773	0.714	0.000	-	0.739	0.858	0.808	0.000	-	0.906	0.995	0.705	0.000	-	0.850	0.911
Lights	31	370	0	-	401	94	39	0	-	133	215	151	0	-	366	900
% Lights	91.2	97.4	-	-	96.9	91.3	92.9	-	-	91.7	98.2	97.4	-	-	97.9	96.5
Buses	0	9	0	-	9	6	0	0	-	6	2	3	0	-	5	20
% Buses	0.0	2.4	-	-	2.2	5.8	0.0	-	-	4.1	0.9	1.9	-	-	1.3	2.1
Trucks	3	1	0	-	4	3	2	0	-	5	2	1	0	-	3	12
% Trucks	8.8	0.3	-	-	1.0	2.9	4.8	-	-	3.4	0.9	0.6	-	-	0.8	1.3
Bicycles on Road	0	0	0	-	0	0	1	0	-	1	0	0	0	-	0	1
% Bicycles on Road	0.0	0.0	-	-	0.0	0.0	2.4	-	-	0.7	0.0	0.0	-	-	0.0	0.1
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	2	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	50.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	2	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	50.0	-	-	-	-	-	-	-



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