



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

Count Name: 37 Street - Spruce Drive - AM,
NOON & PM
Site Code:
Start Date: 05-30-2024
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	3	30	0	0	0	33	2	0	21	0	1	23	0	76	0	0	2	76	0	0	1	0	0	1	133
7:15 AM	3	24	0	0	0	27	2	0	31	0	2	33	0	97	1	0	0	98	1	0	0	0	0	1	159
7:30 AM	3	29	0	0	0	32	1	0	37	0	2	38	0	136	2	0	0	138	1	0	1	0	0	2	210
7:45 AM	12	42	0	0	0	54	5	0	69	0	0	74	0	195	2	0	0	197	0	0	0	0	0	0	325
Hourly Total	21	125	0	0	0	146	10	0	158	0	5	168	0	504	5	0	2	509	2	0	2	0	0	4	827
8:00 AM	14	37	0	0	0	51	1	0	43	0	0	44	0	179	1	0	0	180	2	0	1	0	0	3	278
8:15 AM	15	53	1	0	0	69	7	0	36	0	0	43	0	162	4	0	0	166	0	0	0	0	0	0	278
8:30 AM	15	63	1	0	0	79	5	0	46	0	1	51	0	116	3	0	0	119	1	1	0	0	0	2	251
8:45 AM	15	44	0	0	1	59	4	0	64	0	1	68	0	181	0	0	0	181	0	0	0	0	0	0	308
Hourly Total	59	197	2	0	1	258	17	0	189	0	2	206	0	638	8	0	0	646	3	1	1	0	0	5	1115
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	18	60	0	0	0	78	5	0	18	0	0	23	0	56	5	0	0	61	0	0	1	0	0	1	163
11:45 AM	16	67	0	0	0	83	3	0	28	0	0	31	0	76	2	0	0	78	0	0	1	0	0	1	193
Hourly Total	34	127	0	0	0	161	8	0	46	0	0	54	0	132	7	0	0	139	0	0	2	0	0	2	356
12:00 PM	24	109	0	0	0	133	5	0	20	0	3	25	3	63	1	0	0	67	1	1	2	0	0	4	229
12:15 PM	24	86	2	0	0	112	4	0	23	0	1	27	1	66	1	0	0	68	0	1	0	0	0	1	208
12:30 PM	8	58	0	0	0	66	3	0	29	0	0	32	0	86	1	0	0	87	0	0	0	0	0	0	185
12:45 PM	23	56	0	0	0	79	5	0	37	0	2	42	1	105	4	0	0	110	0	0	0	0	0	0	231
Hourly Total	79	309	2	0	0	390	17	0	109	0	6	126	5	320	7	0	0	332	1	2	2	0	0	5	853
1:00 PM	16	65	0	0	0	81	2	0	21	0	2	23	0	65	1	0	0	66	0	0	0	0	0	0	170
1:15 PM	14	66	0	0	0	80	1	1	24	0	0	26	1	73	7	0	0	81	0	0	4	0	0	4	191
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	30	131	0	0	0	161	3	1	45	0	2	49	1	138	8	0	0	147	0	0	4	0	0	4	361
3:00 PM	30	93	0	0	0	123	2	0	27	0	1	29	0	85	3	0	0	88	0	1	1	0	0	2	242
3:15 PM	30	143	2	0	0	175	3	1	23	0	1	27	0	62	2	0	0	64	0	0	2	0	0	2	268
3:30 PM	41	114	1	0	0	156	5	0	20	0	2	25	0	75	4	0	0	79	0	0	0	0	0	0	260
3:45 PM	39	115	0	0	0	154	1	0	32	0	7	33	0	88	1	0	0	89	0	0	0	0	0	0	276
Hourly Total	140	465	3	0	0	608	11	1	102	0	11	114	0	310	10	0	0	320	0	1	3	0	0	4	1046
4:00 PM	44	142	2	0	0	188	5	0	18	0	1	23	1	93	2	0	0	96	0	0	0	0	0	0	307
4:15 PM	43	147	1	0	0	191	2	0	20	0	0	22	0	79	4	0	0	83	0	0	0	0	0	0	296
4:30 PM	58	168	0	0	0	226	6	0	28	0	1	34	0	63	9	0	0	72	0	0	0	0	0	0	332
4:45 PM	48	172	2	0	0	222	4	0	22	0	1	26	1	79	4	0	0	84	0	1	0	0	0	1	333
Hourly Total	193	629	5	0	0	827	17	0	88	0	3	105	2	314	19	0	0	335	0	1	0	0	0	1	1268
5:00 PM	57	150	0	0	0	207	6	0	22	0	1	28	0	78	4	0	0	82	1	0	0	0	0	1	318

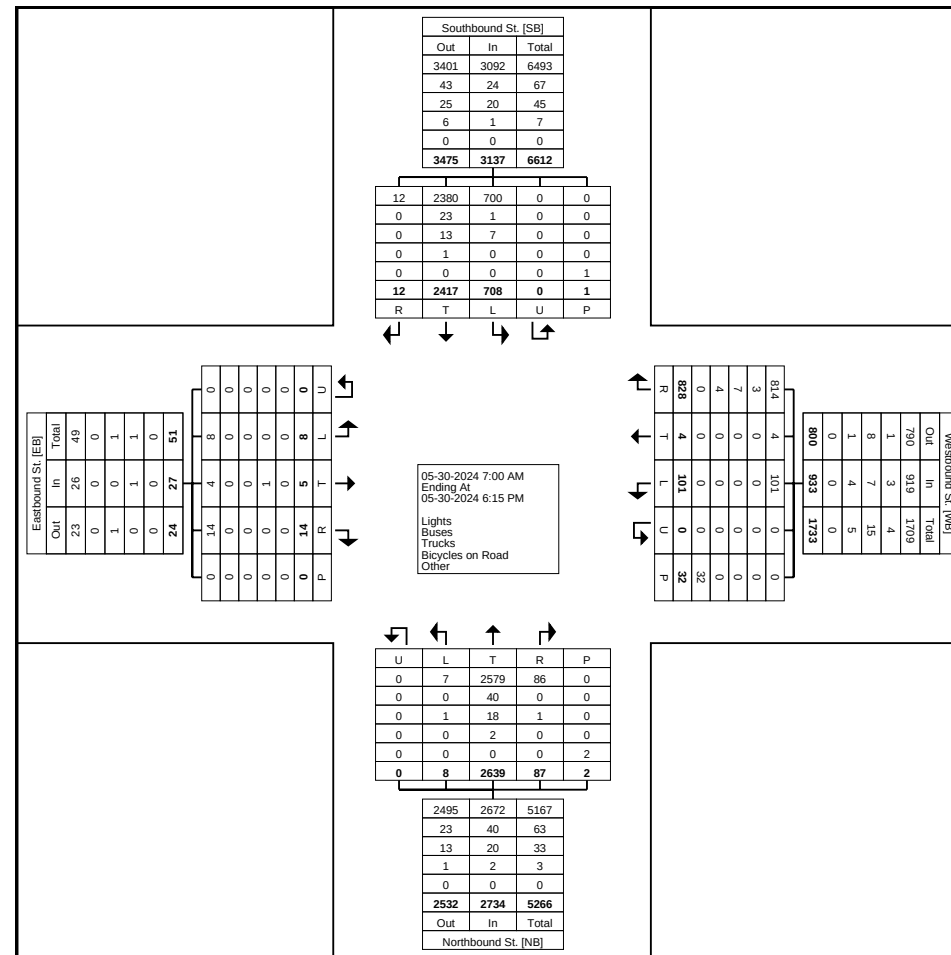
5:15 PM	36	130	0	0	0	166	2	0	28	0	1	30	0	63	9	0	0	72	0	0	0	0	0	0	268
5:30 PM	27	75	0	0	0	102	4	1	26	0	0	31	0	72	5	0	0	77	0	0	0	0	0	0	210
5:45 PM	32	79	0	0	0	111	6	1	15	0	1	22	0	70	5	0	0	75	1	0	0	0	0	1	209
Hourly Total	152	434	0	0	0	586	18	2	91	0	3	111	0	283	23	0	0	306	2	0	0	0	0	2	1005
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	708	2417	12	0	1	3137	101	4	828	0	32	933	8	2639	87	0	2	2734	8	5	14	0	0	27	6831
Approach %	22.6	77.0	0.4	0.0	-	-	10.8	0.4	88.7	0.0	-	-	0.3	96.5	3.2	0.0	-	-	29.6	18.5	51.9	0.0	-	-	-
Total %	10.4	35.4	0.2	0.0	-	45.9	1.5	0.1	12.1	0.0	-	13.7	0.1	38.6	1.3	0.0	-	40.0	0.1	0.1	0.2	0.0	-	0.4	-
Lights	700	2380	12	0	-	3092	101	4	814	0	-	919	7	2579	86	0	-	2672	8	4	14	0	-	26	6709
% Lights	98.9	98.5	100.0	-	-	98.6	100.0	100.0	98.3	-	-	98.5	87.5	97.7	98.9	-	-	97.7	100.0	80.0	100.0	-	-	96.3	98.2
Buses	1	23	0	0	-	24	0	0	3	0	-	3	0	40	0	0	-	40	0	0	0	0	-	0	67
% Buses	0.1	1.0	0.0	-	-	0.8	0.0	0.0	0.4	-	-	0.3	0.0	1.5	0.0	-	-	1.5	0.0	0.0	0.0	-	-	0.0	1.0
Trucks	7	13	0	0	-	20	0	0	7	0	-	7	1	18	1	0	-	20	0	0	0	0	-	0	47
% Trucks	1.0	0.5	0.0	-	-	0.6	0.0	0.0	0.8	-	-	0.8	12.5	0.7	1.1	-	-	0.7	0.0	0.0	0.0	-	-	0.0	0.7
Bicycles on Road	0	1	0	0	-	1	0	0	4	0	-	4	0	2	0	0	-	2	0	1	0	0	-	1	8
% Bicycles on Road	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.5	-	-	0.4	0.0	0.1	0.0	-	-	0.1	0.0	20.0	0.0	-	-	3.7	0.1
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	9	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	28.1	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	1	-	-	-	-	-	23	-	-	-	-	-	2	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	71.9	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-



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Turning Movement Data Plot

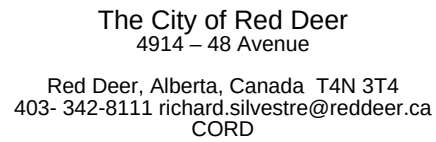


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Turning Movement Peak Hour Data (7:45 AM)

[illegible]





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Page No: 6

Turning Movement Peak Hour Data (12:00 PM)

[illegible]



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NOON & PM
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Page No: 8

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	43	147	1	0	0	191	2	0	20	0	0	22	0	79	4	0	0	83	0	0	0	0	0	0	296
4:30 PM	58	168	0	0	0	226	6	0	28	0	1	34	0	63	9	0	0	72	0	0	0	0	0	0	332
4:45 PM	48	172	2	0	0	222	4	0	22	0	1	26	1	79	4	0	0	84	0	1	0	0	0	1	333
5:00 PM	57	150	0	0	0	207	6	0	22	0	1	28	0	78	4	0	0	82	1	0	0	0	0	1	318
Total	206	637	3	0	0	846	18	0	92	0	3	110	1	299	21	0	0	321	1	1	0	0	0	2	1279
Approach %	24.3	75.3	0.4	0.0	-	-	16.4	0.0	83.6	0.0	-	-	0.3	93.1	6.5	0.0	-	-	50.0	50.0	0.0	0.0	-	-	-
Total %	16.1	49.8	0.2	0.0	-	66.1	1.4	0.0	7.2	0.0	-	8.6	0.1	23.4	1.6	0.0	-	25.1	0.1	0.1	0.0	0.0	-	0.2	-
PHF	0.888	0.926	0.375	0.000	-	0.936	0.750	0.000	0.821	0.000	-	0.809	0.250	0.946	0.583	0.000	-	0.955	0.250	0.250	0.000	0.000	-	0.500	0.960
Lights	206	631	3	0	-	840	18	0	92	0	-	110	1	292	21	0	-	314	1	0	0	0	-	1	1265
% Lights	100.0	99.1	100.0	-	-	99.3	100.0	-	100.0	-	-	100.0	100.0	97.7	100.0	-	-	97.8	100.0	0.0	-	-	-	50.0	98.9
Buses	0	3	0	0	-	3	0	0	0	0	-	0	0	4	0	0	-	4	0	0	0	0	-	0	7
% Buses	0.0	0.5	0.0	-	-	0.4	0.0	-	0.0	-	-	0.0	0.0	1.3	0.0	-	-	1.2	0.0	0.0	-	-	-	0.0	0.5
Trucks	0	3	0	0	-	3	0	0	0	0	-	0	0	2	0	0	-	2	0	0	0	0	-	0	5
% Trucks	0.0	0.5	0.0	-	-	0.4	0.0	-	0.0	-	-	0.0	0.0	0.7	0.0	-	-	0.6	0.0	0.0	-	-	-	0.0	0.4
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	1	0	0	-	1	0	1	0	0	-	1	2
% Bicycles on Road	0.0	0.0	0.0	-	-	0.0	0.0	-	0.0	-	-	0.0	0.0	0.3	0.0	-	-	0.3	0.0	100.0	-	-	-	50.0	0.2
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	66.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	33.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-

