



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: 05-30-2024
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	1	55	0	0	0	56	1	0	5	0	0	6	2	112	0	0	0	114	1	0	5	0	0	6	182
7:15 AM	4	72	3	0	1	79	3	1	10	0	0	14	1	148	0	0	0	149	2	0	5	0	0	7	249
7:30 AM	4	72	0	0	0	76	7	1	20	0	0	28	6	228	1	0	0	235	4	0	0	0	0	4	343
7:45 AM	3	105	1	0	0	109	1	1	19	0	0	21	6	280	1	0	2	287	3	0	4	0	0	7	424
Hourly Total	12	304	4	0	1	320	12	3	54	0	0	69	15	768	2	0	2	785	10	0	14	0	0	24	1198
8:00 AM	2	80	3	0	0	85	2	0	19	0	0	21	6	228	0	0	0	234	0	1	3	0	0	4	344
8:15 AM	11	84	4	0	1	99	2	0	22	0	0	24	4	246	5	0	0	255	4	0	5	0	0	9	387
8:30 AM	8	136	10	0	1	154	6	2	24	0	0	32	9	229	7	0	1	245	2	1	12	0	1	15	446
8:45 AM	6	146	10	0	0	162	10	2	26	0	0	38	28	182	4	0	2	214	1	0	6	0	0	7	421
Hourly Total	27	446	27	0	2	500	20	4	91	0	0	115	47	885	16	0	3	948	7	2	26	0	1	35	1598
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	5	117	3	0	0	125	2	3	11	0	0	16	6	134	1	0	0	141	1	0	8	0	0	9	291
11:45 AM	6	107	4	0	1	117	5	1	8	0	0	14	6	117	5	0	0	128	2	1	2	0	0	5	264
Hourly Total	11	224	7	0	1	242	7	4	19	0	0	30	12	251	6	0	0	269	3	1	10	0	0	14	555
12:00 PM	8	126	6	0	0	140	4	0	3	0	0	7	5	130	6	0	1	141	4	1	2	0	0	7	295
12:15 PM	7	121	9	0	1	137	0	0	5	0	0	5	5	123	2	0	0	130	1	0	8	0	0	9	281
12:30 PM	7	120	3	0	1	130	6	0	6	0	0	12	4	121	4	0	2	129	3	0	5	0	0	8	279
12:45 PM	7	128	4	0	0	139	0	1	8	0	1	9	10	168	2	0	0	180	2	0	10	0	0	12	340
Hourly Total	29	495	22	0	2	546	10	1	22	0	1	33	24	542	14	0	3	580	10	1	25	0	0	36	1195
1:00 PM	3	96	3	0	0	102	4	0	2	0	0	6	3	144	2	0	0	149	4	1	3	0	0	8	265
1:15 PM	6	117	6	0	0	129	1	0	7	0	0	8	4	126	4	0	0	134	0	0	4	0	0	4	275
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	9	213	9	0	0	231	5	0	9	0	0	14	7	271	6	0	0	284	4	1	7	0	0	12	541
3:00 PM	10	149	6	0	0	165	5	1	9	0	1	15	7	159	4	0	0	170	1	0	9	0	0	10	360
3:15 PM	19	205	5	0	1	229	3	1	13	0	2	17	17	129	11	0	0	157	0	0	6	0	0	6	409
3:30 PM	12	232	8	0	1	252	4	2	20	0	1	26	10	175	5	0	2	190	3	0	11	0	0	14	482
3:45 PM	8	216	10	0	4	234	2	0	13	0	0	15	6	159	6	0	1	171	2	1	18	0	0	21	441
Hourly Total	49	802	29	0	6	880	14	4	55	0	4	73	40	622	26	0	3	688	6	1	44	0	0	51	1692
4:00 PM	3	211	8	0	4	222	4	0	16	0	0	20	6	162	5	0	0	173	1	0	12	0	0	13	428
4:15 PM	17	242	4	0	0	263	4	1	9	0	1	14	6	177	3	0	2	186	3	0	10	0	1	13	476
4:30 PM	7	210	10	0	0	227	1	0	10	0	0	11	5	175	6	1	3	187	2	0	11	0	1	13	438

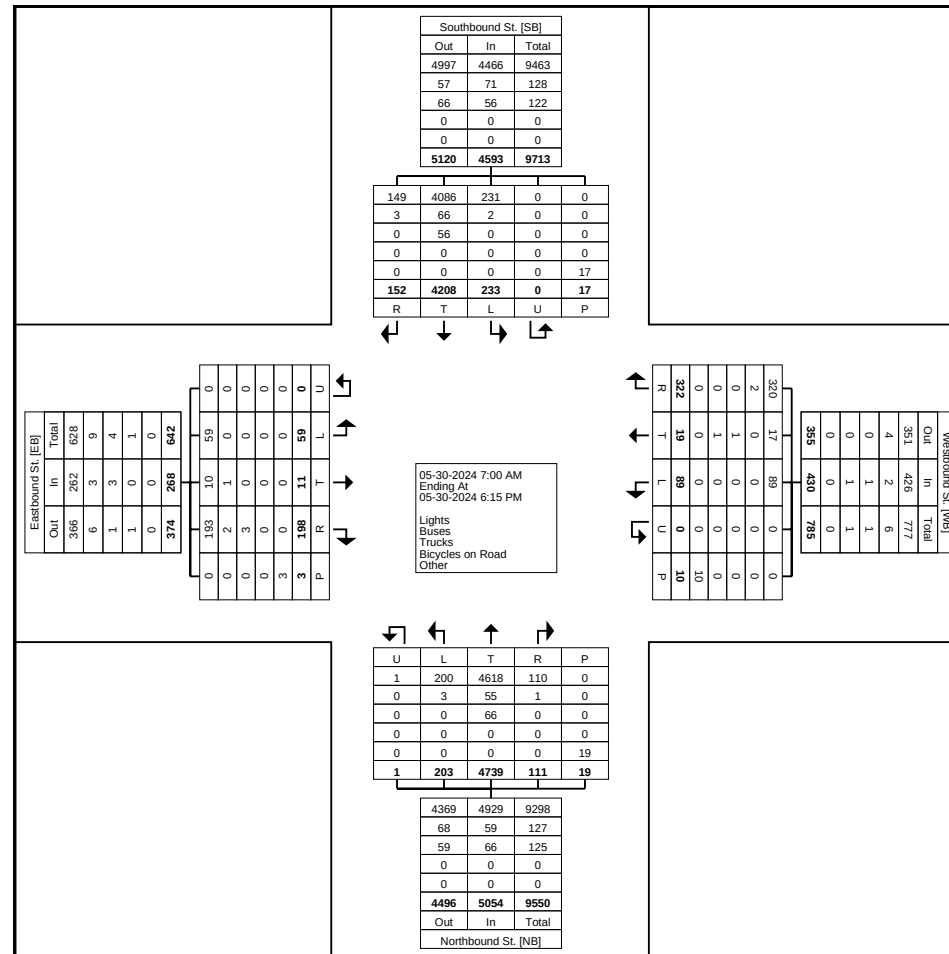
4:45 PM	12	264	7	0	0	283	2	1	10	0	1	13	11	191	6	0	3	208	2	2	9	0	0	13	517
Hourly Total	39	927	29	0	4	995	11	2	45	0	2	58	28	705	20	1	8	754	8	2	42	0	2	52	1859
5:00 PM	16	244	6	0	0	266	4	0	5	0	0	9	7	170	2	0	0	179	1	1	5	0	0	7	461
5:15 PM	18	225	6	0	1	249	2	0	3	0	1	5	8	160	5	0	0	173	3	0	8	0	0	11	438
5:30 PM	10	155	5	0	0	170	2	0	12	0	0	14	6	178	7	0	0	191	4	0	5	0	0	9	384
5:45 PM	13	173	8	0	0	194	2	1	7	0	2	10	9	187	7	0	0	203	3	2	12	0	0	17	424
Hourly Total	57	797	25	0	1	879	10	1	27	0	3	38	30	695	21	0	0	746	11	3	30	0	0	44	1707
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	233	4208	152	0	17	4593	89	19	322	0	10	430	203	4739	111	1	19	5054	59	11	198	0	3	268	10345
Approach %	5.1	91.6	3.3	0.0	-	-	20.7	4.4	74.9	0.0	-	-	4.0	93.8	2.2	0.0	-	-	22.0	4.1	73.9	0.0	-	-	-
Total %	2.3	40.7	1.5	0.0	-	44.4	0.9	0.2	3.1	0.0	-	4.2	2.0	45.8	1.1	0.0	-	48.9	0.6	0.1	1.9	0.0	-	2.6	-
Lights	231	4086	149	0	-	4466	89	17	320	0	-	426	200	4618	110	1	-	4929	59	10	193	0	-	262	10083
% Lights	99.1	97.1	98.0	-	-	97.2	100.0	89.5	99.4	-	-	99.1	98.5	97.4	99.1	100.0	-	97.5	100.0	90.9	97.5	-	-	97.8	97.5
Buses	2	66	3	0	-	71	0	0	2	0	-	2	3	55	1	0	-	59	0	1	2	0	-	3	135
% Buses	0.9	1.6	2.0	-	-	1.5	0.0	0.0	0.6	-	-	0.5	1.5	1.2	0.9	0.0	-	1.2	0.0	9.1	1.0	-	-	1.1	1.3
Trucks	0	56	0	0	-	56	0	1	0	0	-	1	0	66	0	0	-	66	0	0	3	0	-	3	126
% Trucks	0.0	1.3	0.0	-	-	1.2	0.0	5.3	0.0	-	-	0.2	0.0	1.4	0.0	0.0	-	1.3	0.0	0.0	1.5	-	-	1.1	1.2
Bicycles on Road	0	0	0	0	-	0	0	1	0	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	1
% Bicycles on Road	0.0	0.0	0.0	-	-	0.0	0.0	5.3	0.0	-	-	0.2	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	5	-	-	-	-	-	5	-	-	-	-	-	6	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	29.4	-	-	-	-	-	50.0	-	-	-	-	-	31.6	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	12	-	-	-	-	-	5	-	-	-	-	-	13	-	-	-	-	-	3	-	-
% Pedestrians	-	-	-	-	70.6	-	-	-	-	-	50.0	-	-	-	-	-	68.4	-	-	-	-	-	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: Spencer Street - 40 Avenue - AM,
NOON & PM
Site Code:
Start Date: 05-30-2024
Page No: 3





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: 05-30-2024
Page No: 4

Turning Movement Peak Hour Data (7:45 AM)

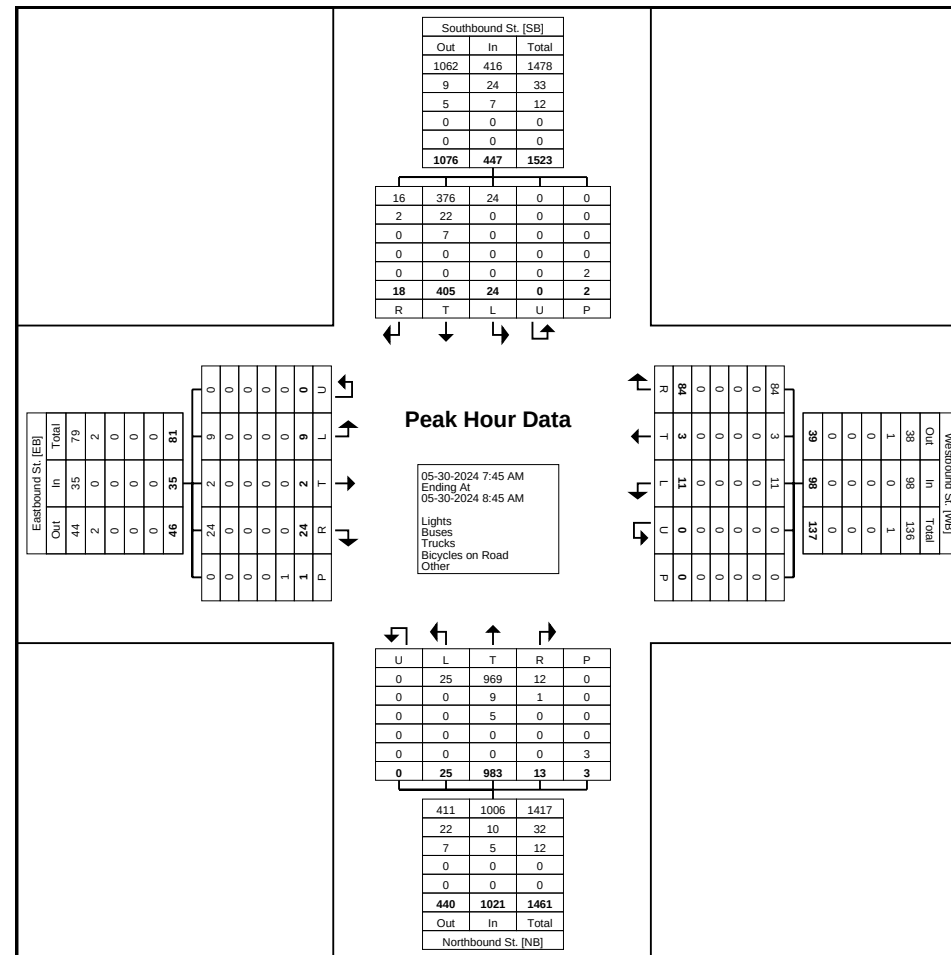
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
7:45 AM	3	105	1	0	0	109	1	1	19	0	0	21	6	280	1	0	2	287	3	0	4	0	0	7	424
8:00 AM	2	80	3	0	0	85	2	0	19	0	0	21	6	228	0	0	0	234	0	1	3	0	0	4	344
8:15 AM	11	84	4	0	1	99	2	0	22	0	0	24	4	246	5	0	0	255	4	0	5	0	0	9	387
8:30 AM	8	136	10	0	1	154	6	2	24	0	0	32	9	229	7	0	1	245	2	1	12	0	1	15	446
Total	24	405	18	0	2	447	11	3	84	0	0	98	25	983	13	0	3	1021	9	2	24	0	1	35	1601
Approach %	5.4	90.6	4.0	0.0	-	-	11.2	3.1	85.7	0.0	-	-	2.4	96.3	1.3	0.0	-	-	25.7	5.7	68.6	0.0	-	-	-
Total %	1.5	25.3	1.1	0.0	-	27.9	0.7	0.2	5.2	0.0	-	6.1	1.6	61.4	0.8	0.0	-	63.8	0.6	0.1	1.5	0.0	-	2.2	-
PHF	0.545	0.744	0.450	0.000	-	0.726	0.458	0.375	0.875	0.000	-	0.766	0.694	0.878	0.464	0.000	-	0.889	0.563	0.500	0.500	0.000	-	0.583	0.897
Lights	24	376	16	0	-	416	11	3	84	0	-	98	25	969	12	0	-	1006	9	2	24	0	-	35	1555
% Lights	100.0	92.8	88.9	-	-	93.1	100.0	100.0	100.0	-	-	100.0	100.0	98.6	92.3	-	-	98.5	100.0	100.0	100.0	-	-	100.0	97.1
Buses	0	22	2	0	-	24	0	0	0	0	-	0	0	9	1	0	-	10	0	0	0	0	-	0	34
% Buses	0.0	5.4	11.1	-	-	5.4	0.0	0.0	0.0	-	-	0.0	0.0	0.9	7.7	-	-	1.0	0.0	0.0	0.0	-	-	0.0	2.1
Trucks	0	7	0	0	-	7	0	0	0	0	-	0	0	5	0	0	-	5	0	0	0	0	-	0	12
% Trucks	0.0	1.7	0.0	-	-	1.6	0.0	0.0	0.0	-	-	0.0	0.0	0.5	0.0	-	-	0.5	0.0	0.0	0.0	-	-	0.0	0.7
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	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	2	-	-	-	-	-	0	-	-	-	-	-	3	-	-	-	-	-	1	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	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: Spencer Street - 40 Avenue - AM,
NOON & PM
Site Code:
Start Date: 05-30-2024
Page No: 5



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



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: 05-30-2024
Page No: 6

Turning Movement Peak Hour Data (12:00 PM)

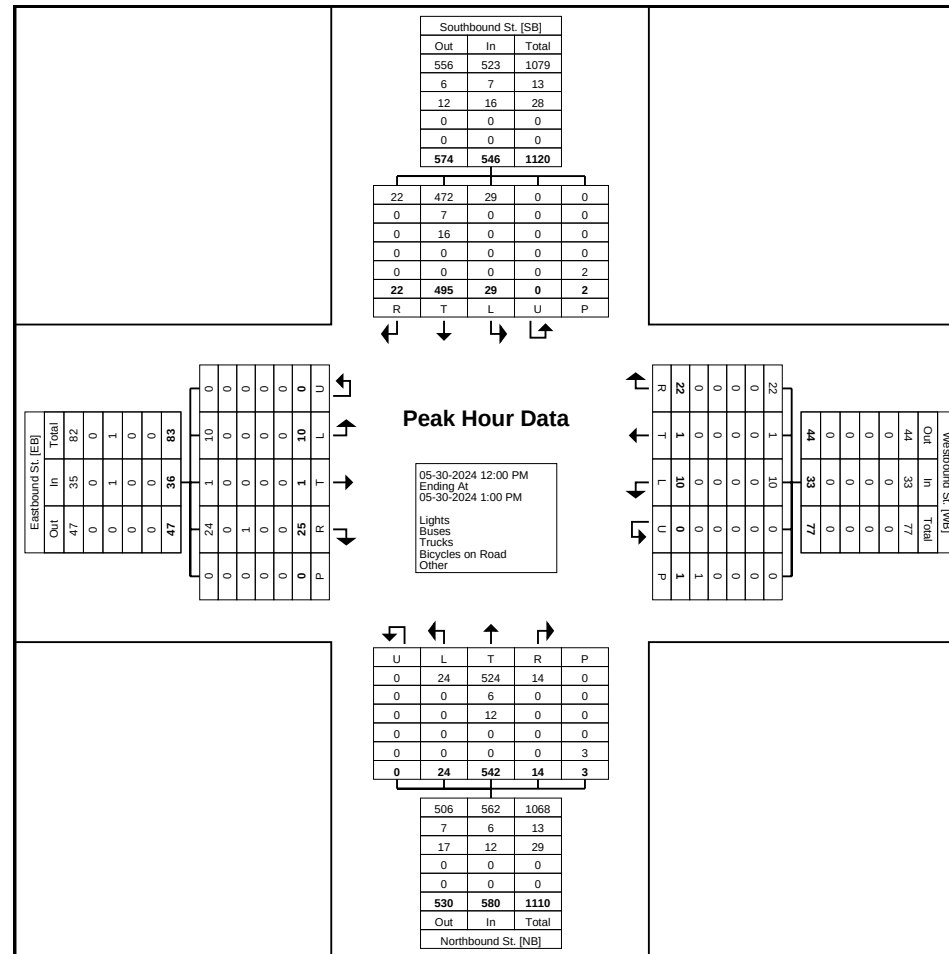
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
12:00 PM	8	126	6	0	0	140	4	0	3	0	0	7	5	130	6	0	1	141	4	1	2	0	0	7	295
12:15 PM	7	121	9	0	1	137	0	0	5	0	0	5	5	123	2	0	0	130	1	0	8	0	0	9	281
12:30 PM	7	120	3	0	1	130	6	0	6	0	0	12	4	121	4	0	2	129	3	0	5	0	0	8	279
12:45 PM	7	128	4	0	0	139	0	1	8	0	1	9	10	168	2	0	0	180	2	0	10	0	0	12	340
Total	29	495	22	0	2	546	10	1	22	0	1	33	24	542	14	0	3	580	10	1	25	0	0	36	1195
Approach %	5.3	90.7	4.0	0.0	-	-	30.3	3.0	66.7	0.0	-	-	4.1	93.4	2.4	0.0	-	-	27.8	2.8	69.4	0.0	-	-	-
Total %	2.4	41.4	1.8	0.0	-	45.7	0.8	0.1	1.8	0.0	-	2.8	2.0	45.4	1.2	0.0	-	48.5	0.8	0.1	2.1	0.0	-	3.0	-
PHF	0.906	0.967	0.611	0.000	-	0.975	0.417	0.250	0.688	0.000	-	0.688	0.600	0.807	0.583	0.000	-	0.806	0.625	0.250	0.625	0.000	-	0.750	0.879
Lights	29	472	22	0	-	523	10	1	22	0	-	33	24	524	14	0	-	562	10	1	24	0	-	35	1153
% Lights	100.0	95.4	100.0	-	-	95.8	100.0	100.0	100.0	-	-	100.0	100.0	96.7	100.0	-	-	96.9	100.0	100.0	96.0	-	-	97.2	96.5
Buses	0	7	0	0	-	7	0	0	0	0	-	0	0	6	0	0	-	6	0	0	0	0	-	0	13
% Buses	0.0	1.4	0.0	-	-	1.3	0.0	0.0	0.0	-	-	0.0	0.0	1.1	0.0	-	-	1.0	0.0	0.0	0.0	-	-	0.0	1.1
Trucks	0	16	0	0	-	16	0	0	0	0	-	0	0	12	0	0	-	12	0	0	1	0	-	1	29
% Trucks	0.0	3.2	0.0	-	-	2.9	0.0	0.0	0.0	-	-	0.0	0.0	2.2	0.0	-	-	2.1	0.0	0.0	4.0	-	-	2.8	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	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	50.0	-	-	-	-	-	0.0	-	-	-	-	-	66.7	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	50.0	-	-	-	-	-	100.0	-	-	-	-	-	33.3	-	-	-	-	-	-	-	-



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: 05-30-2024
Page No: 7





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: 05-30-2024
Page No: 8

Turning Movement Peak Hour Data (4:15 PM)

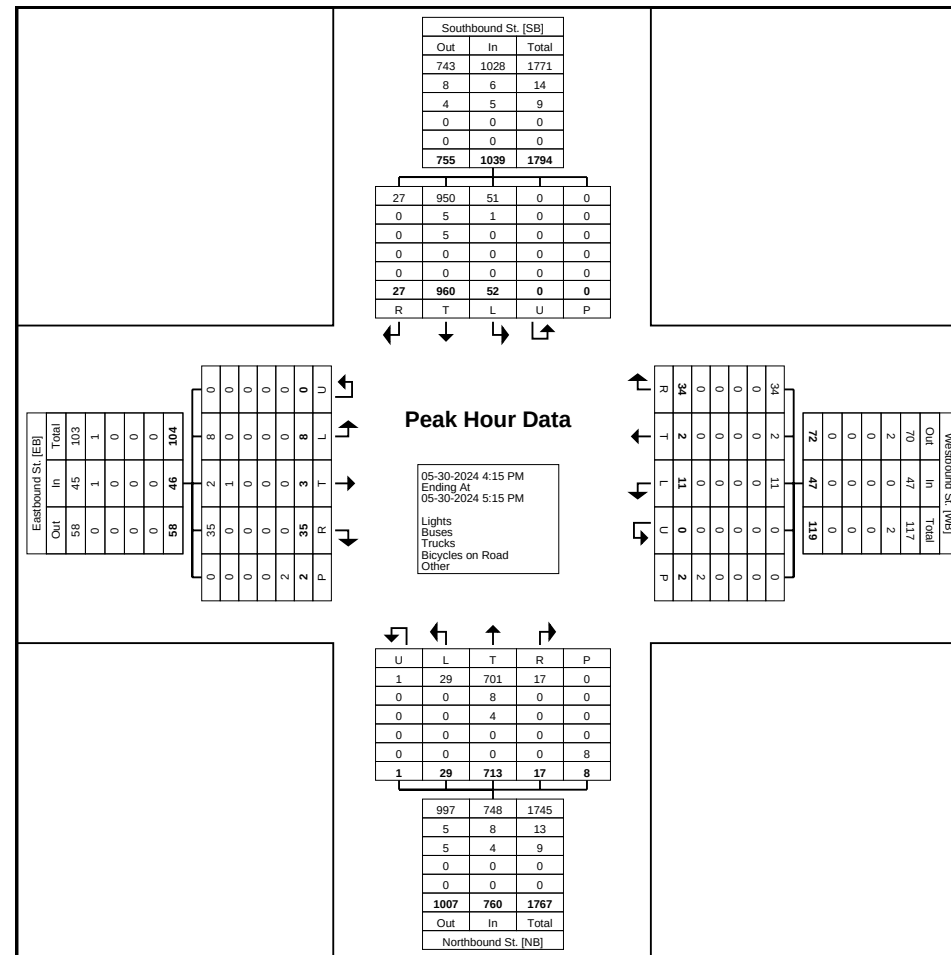
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
4:15 PM	17	242	4	0	0	263	4	1	9	0	1	14	6	177	3	0	2	186	3	0	10	0	1	13	476
4:30 PM	7	210	10	0	0	227	1	0	10	0	0	11	5	175	6	1	3	187	2	0	11	0	1	13	438
4:45 PM	12	264	7	0	0	283	2	1	10	0	1	13	11	191	6	0	3	208	2	2	9	0	0	13	517
5:00 PM	16	244	6	0	0	266	4	0	5	0	0	9	7	170	2	0	0	179	1	1	5	0	0	7	461
Total	52	960	27	0	0	1039	11	2	34	0	2	47	29	713	17	1	8	760	8	3	35	0	2	46	1892
Approach %	5.0	92.4	2.6	0.0	-	-	23.4	4.3	72.3	0.0	-	-	3.8	93.8	2.2	0.1	-	-	17.4	6.5	76.1	0.0	-	-	-
Total %	2.7	50.7	1.4	0.0	-	54.9	0.6	0.1	1.8	0.0	-	2.5	1.5	37.7	0.9	0.1	-	40.2	0.4	0.2	1.8	0.0	-	2.4	-
PHF	0.765	0.909	0.675	0.000	-	0.918	0.688	0.500	0.850	0.000	-	0.839	0.659	0.933	0.708	0.250	-	0.913	0.667	0.375	0.795	0.000	-	0.885	0.915
Lights	51	950	27	0	-	1028	11	2	34	0	-	47	29	701	17	1	-	748	8	2	35	0	-	45	1868
% Lights	98.1	99.0	100.0	-	-	98.9	100.0	100.0	100.0	-	-	100.0	100.0	98.3	100.0	100.0	-	98.4	100.0	66.7	100.0	-	-	97.8	98.7
Buses	1	5	0	0	-	6	0	0	0	0	-	0	0	8	0	0	-	8	0	1	0	0	-	1	15
% Buses	1.9	0.5	0.0	-	-	0.6	0.0	0.0	0.0	-	-	0.0	0.0	1.1	0.0	0.0	-	1.1	0.0	33.3	0.0	-	-	2.2	0.8
Trucks	0	5	0	0	-	5	0	0	0	0	-	0	0	4	0	0	-	4	0	0	0	0	-	0	9
% Trucks	0.0	0.5	0.0	-	-	0.5	0.0	0.0	0.0	-	-	0.0	0.0	0.6	0.0	0.0	-	0.5	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	0.0
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	25.0	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	6	-	-	-	-	-	2	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	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: Spencer Street - 40 Avenue - AM,
NOON & PM
Site Code:
Start Date: 05-30-2024
Page No: 9



Turning Movement Peak Hour Data Plot (4:15 PM)