



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

Count Name: 55 Street - 45 Avenue - AM,
NOON & PM
Site Code:
Start Date: 06-03-2025
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	0	0	10	0	2	10	0	74	3	0	0	77	0	0	0	0	0	0	4	44	0	0	0	48	135
7:15 AM	1	0	13	0	3	14	0	95	3	0	2	98	3	0	0	0	0	3	5	40	1	0	1	46	161
7:30 AM	1	0	13	0	1	14	0	113	1	0	1	114	2	1	0	0	0	3	14	52	3	0	2	69	200
7:45 AM	2	1	23	0	6	26	0	138	10	0	2	148	4	0	0	0	3	4	25	96	1	0	2	122	300
Hourly Total	4	1	59	0	12	64	0	420	17	0	5	437	9	1	0	0	3	10	48	232	5	0	5	285	796
8:00 AM	4	2	36	0	3	42	0	111	22	0	2	133	0	28	0	0	2	28	74	126	0	0	0	200	403
8:15 AM	21	5	67	0	7	93	1	157	36	0	1	194	6	32	0	0	6	38	87	130	2	0	3	219	544
8:30 AM	15	3	54	0	2	72	1	164	5	0	0	170	3	5	0	0	2	8	45	76	1	0	0	122	372
8:45 AM	4	1	22	0	2	27	0	126	5	0	0	131	3	2	1	0	0	6	16	44	4	0	1	64	228
Hourly Total	44	11	179	0	14	234	2	558	68	0	3	628	12	67	1	0	10	80	222	376	7	0	4	605	1547
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	1	3	27	0	7	31	0	83	10	0	1	93	1	1	0	0	2	2	18	56	4	0	1	78	204
11:45 AM	10	5	35	0	6	50	0	75	9	0	1	84	2	3	0	0	2	5	30	62	3	0	0	95	234
Hourly Total	11	8	62	0	13	81	0	158	19	0	2	177	3	4	0	0	4	7	48	118	7	0	1	173	438
12:00 PM	7	3	24	0	1	34	0	90	7	0	5	97	2	1	2	0	5	5	31	87	2	0	0	120	256
12:15 PM	4	0	25	0	1	29	0	78	13	0	0	91	1	1	1	0	1	3	31	77	6	0	0	114	237
12:30 PM	17	1	27	0	6	45	0	63	2	0	0	65	2	3	0	0	1	5	11	50	3	0	0	64	179
12:45 PM	1	2	20	0	3	23	0	69	8	0	1	77	1	3	0	0	4	4	28	72	3	0	4	103	207
Hourly Total	29	6	96	0	11	131	0	300	30	0	6	330	6	8	3	0	11	17	101	286	14	0	4	401	879
1:00 PM	6	0	17	0	0	23	1	76	6	0	1	83	2	1	0	0	2	3	10	50	3	0	0	63	172
1:15 PM	7	1	16	0	0	24	0	62	2	0	2	64	3	4	0	0	4	7	18	62	1	0	0	81	176
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	13	1	33	0	0	47	1	138	8	0	3	147	5	6	0	0	6	11	28	112	4	0	0	144	349
3:00 PM	7	3	31	0	5	41	1	66	8	0	2	75	4	9	2	0	4	15	66	125	2	0	4	193	324
3:15 PM	52	11	119	0	9	182	3	190	5	0	7	198	1	5	1	0	7	7	38	100	6	0	2	144	531
3:30 PM	18	13	52	0	4	83	1	115	3	0	5	119	1	1	0	0	2	2	9	83	7	0	3	99	303
3:45 PM	8	0	21	0	3	29	0	80	4	0	0	84	1	3	0	0	1	4	17	95	3	0	0	115	232
Hourly Total	85	27	223	0	21	335	5	451	20	0	14	476	7	18	3	0	14	28	130	403	18	0	9	551	1390
4:00 PM	7	0	30	0	1	37	0	92	3	0	0	95	0	0	0	0	0	0	18	112	2	0	0	132	264
4:15 PM	7	2	21	0	2	30	0	106	3	0	6	109	2	1	2	0	4	5	10	118	6	0	3	134	278
4:30 PM	15	2	19	0	0	36	0	111	2	0	0	113	0	2	1	0	0	3	27	119	5	0	0	151	303

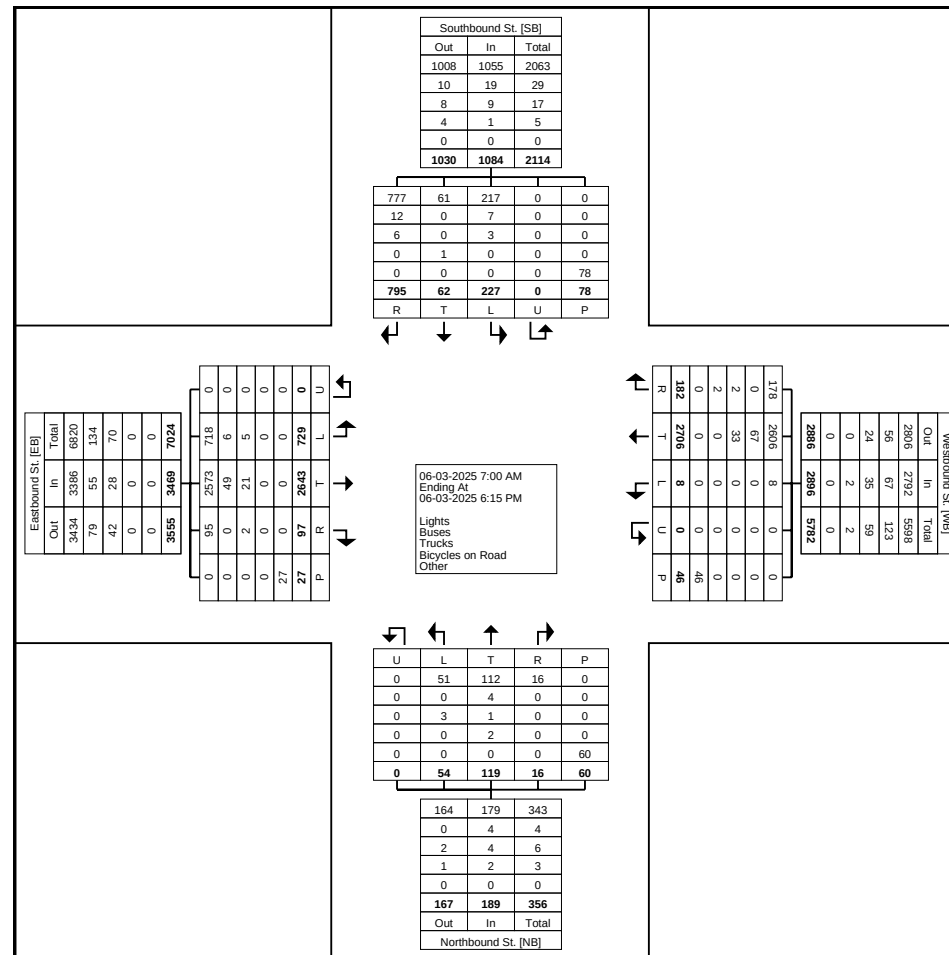
4:45 PM	2	0	17	0	2	19	0	109	2	0	4	111	4	4	0	0	4	8	24	167	5	0	0	196	334
Hourly Total	31	4	87	0	5	122	0	418	10	0	10	428	6	7	3	0	8	16	79	516	18	0	3	613	1179
5:00 PM	2	0	18	0	0	20	0	69	2	0	1	71	1	1	1	0	2	3	19	174	7	0	0	200	294
5:15 PM	4	2	11	0	1	17	0	76	3	0	0	79	1	1	0	0	2	2	20	161	7	0	1	188	286
5:30 PM	3	1	9	0	0	13	0	52	5	0	0	57	1	1	3	0	0	5	22	155	6	0	0	183	258
5:45 PM	1	1	18	0	1	20	0	66	0	0	2	66	3	5	2	0	0	10	12	110	4	0	0	126	222
Hourly Total	10	4	56	0	2	70	0	263	10	0	3	273	6	8	6	0	4	20	73	600	24	0	1	697	1060
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	227	62	795	0	78	1084	8	2706	182	0	46	2896	54	119	16	0	60	189	729	2643	97	0	27	3469	7638
Approach %	20.9	5.7	73.3	0.0	-	-	0.3	93.4	6.3	0.0	-	-	28.6	63.0	8.5	0.0	-	-	21.0	76.2	2.8	0.0	-	-	-
Total %	3.0	0.8	10.4	0.0	-	14.2	0.1	35.4	2.4	0.0	-	37.9	0.7	1.6	0.2	0.0	-	2.5	9.5	34.6	1.3	0.0	-	45.4	-
Lights	217	61	777	0	-	1055	8	2606	178	0	-	2792	51	112	16	0	-	179	718	2573	95	0	-	3386	7412
% Lights	95.6	98.4	97.7	-	-	97.3	100.0	96.3	97.8	-	-	96.4	94.4	94.1	100.0	-	-	94.7	98.5	97.4	97.9	-	-	97.6	97.0
Buses	7	0	12	0	-	19	0	67	0	0	-	67	0	4	0	0	-	4	6	49	0	0	-	55	145
% Buses	3.1	0.0	1.5	-	-	1.8	0.0	2.5	0.0	-	-	2.3	0.0	3.4	0.0	-	-	2.1	0.8	1.9	0.0	-	-	1.6	1.9
Trucks	3	0	6	0	-	9	0	33	2	0	-	35	3	1	0	0	-	4	5	21	2	0	-	28	76
% Trucks	1.3	0.0	0.8	-	-	0.8	0.0	1.2	1.1	-	-	1.2	5.6	0.8	0.0	-	-	2.1	0.7	0.8	2.1	-	-	0.8	1.0
Bicycles on Road	0	1	0	0	-	1	0	0	2	0	-	2	0	2	0	0	-	2	0	0	0	0	-	0	5
% Bicycles on Road	0.0	1.6	0.0	-	-	0.1	0.0	0.0	1.1	-	-	0.1	0.0	1.7	0.0	-	-	1.1	0.0	0.0	0.0	-	-	0.0	0.1
Bicycles on Crosswalk	-	-	-	-	13	-	-	-	-	-	7	-	-	-	-	-	21	-	-	-	-	-	5	-	-
% Bicycles on Crosswalk	-	-	-	-	16.7	-	-	-	-	-	15.2	-	-	-	-	-	35.0	-	-	-	-	-	18.5	-	-
Pedestrians	-	-	-	-	65	-	-	-	-	-	39	-	-	-	-	-	39	-	-	-	-	-	22	-	-
% Pedestrians	-	-	-	-	83.3	-	-	-	-	-	84.8	-	-	-	-	-	65.0	-	-	-	-	-	81.5	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (7:45 AM)

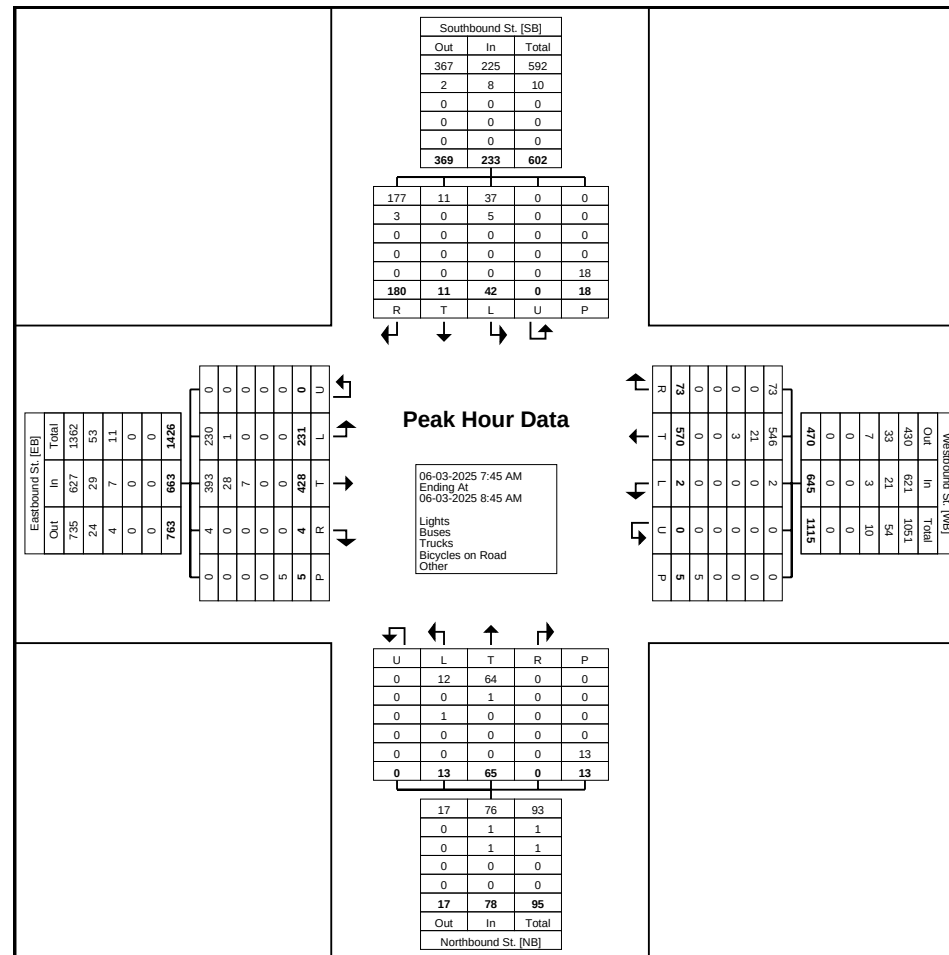
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total	
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total		
7:45 AM	2	1	23	0	6	26	0	138	10	0	2	148	4	0	0	0	3	4	25	96	1	0	2	122	300	
8:00 AM	4	2	36	0	3	42	0	111	22	0	2	133	0	28	0	0	2	28	74	126	0	0	0	200	403	
8:15 AM	21	5	67	0	7	93	1	157	36	0	1	194	6	32	0	0	6	38	87	130	2	0	3	219	544	
8:30 AM	15	3	54	0	2	72	1	164	5	0	0	170	3	5	0	0	2	8	45	76	1	0	0	122	372	
Total	42	11	180	0	18	233	2	570	73	0	5	645	13	65	0	0	13	78	231	428	4	0	5	663	1619	
Approach %	18.0	4.7	77.3	0.0	-	-	0.3	88.4	11.3	0.0	-	-	16.7	83.3	0.0	0.0	-	-	34.8	64.6	0.6	0.0	-	-	-	
Total %	2.6	0.7	11.1	0.0	-	14.4	0.1	35.2	4.5	0.0	-	39.8	0.8	4.0	0.0	0.0	-	4.8	14.3	26.4	0.2	0.0	-	41.0	-	
PHF	0.500	0.550	0.672	0.000	-	0.626	0.500	0.869	0.507	0.000	-	0.831	0.542	0.508	0.000	0.000	-	0.513	0.664	0.823	0.500	0.000	-	0.757	0.744	
Lights	37	11	177	0	-	225	2	546	73	0	-	621	12	64	0	0	-	76	230	393	4	0	-	627	1549	
% Lights	88.1	100.0	98.3	-	-	96.6	100.0	95.8	100.0	-	-	96.3	92.3	98.5	-	-	-	97.4	99.6	91.8	100.0	-	-	-	94.6	95.7
Buses	5	0	3	0	-	8	0	21	0	0	-	21	0	1	0	0	-	1	1	28	0	0	-	29	59	
% Buses	11.9	0.0	1.7	-	-	3.4	0.0	3.7	0.0	-	-	3.3	0.0	1.5	-	-	-	1.3	0.4	6.5	0.0	-	-	4.4	3.6	
Trucks	0	0	0	0	-	0	0	3	0	0	-	3	1	0	0	0	-	1	0	7	0	0	-	7	11	
% Trucks	0.0	0.0	0.0	-	-	0.0	0.0	0.5	0.0	-	-	0.5	7.7	0.0	-	-	-	1.3	0.0	1.6	0.0	-	-	1.1	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	
Bicycles on Crosswalk	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	4	-	-	-	-	-	1	-	-	
% Bicycles on Crosswalk	-	-	-	-	5.6	-	-	-	-	-	20.0	-	-	-	-	-	30.8	-	-	-	-	-	20.0	-	-	
Pedestrians	-	-	-	-	17	-	-	-	-	-	4	-	-	-	-	-	9	-	-	-	-	-	4	-	-	
% Pedestrians	-	-	-	-	94.4	-	-	-	-	-	80.0	-	-	-	-	-	69.2	-	-	-	-	-	80.0	-	-	



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



The City of Red Deer
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Start Date: 06-03-2025
Page No: 6

Turning Movement Peak Hour Data (11:30 AM)

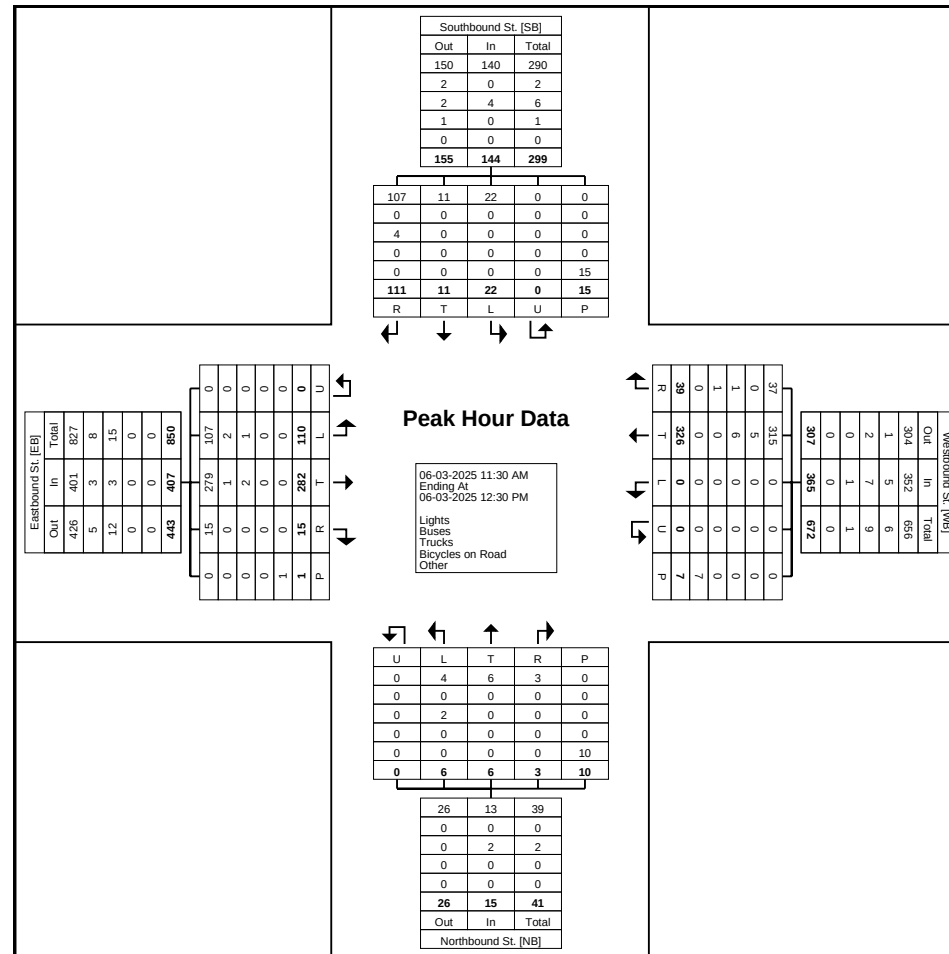
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total	
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total		
11:30 AM	1	3	27	0	7	31	0	83	10	0	1	93	1	1	0	0	2	2	18	56	4	0	1	78	204	
11:45 AM	10	5	35	0	6	50	0	75	9	0	1	84	2	3	0	0	2	5	30	62	3	0	0	95	234	
12:00 PM	7	3	24	0	1	34	0	90	7	0	5	97	2	1	2	0	5	5	31	87	2	0	0	120	256	
12:15 PM	4	0	25	0	1	29	0	78	13	0	0	91	1	1	1	0	1	3	31	77	6	0	0	114	237	
Total	22	11	111	0	15	144	0	326	39	0	7	365	6	6	3	0	10	15	110	282	15	0	1	407	931	
Approach %	15.3	7.6	77.1	0.0	-	-	0.0	89.3	10.7	0.0	-	-	40.0	40.0	20.0	0.0	-	-	27.0	69.3	3.7	0.0	-	-	-	
Total %	2.4	1.2	11.9	0.0	-	15.5	0.0	35.0	4.2	0.0	-	39.2	0.6	0.6	0.3	0.0	-	1.6	11.8	30.3	1.6	0.0	-	43.7	-	
PHF	0.550	0.550	0.793	0.000	-	0.720	0.000	0.906	0.750	0.000	-	0.941	0.750	0.500	0.375	0.000	-	0.750	0.887	0.810	0.625	0.000	-	0.848	0.909	
Lights	22	11	107	0	-	140	0	315	37	0	-	352	4	6	3	0	-	13	107	279	15	0	-	401	906	
% Lights	100.0	100.0	96.4	-	-	97.2	-	96.6	94.9	-	-	96.4	66.7	100.0	100.0	-	-	86.7	97.3	98.9	100.0	-	-	-	98.5	97.3
Buses	0	0	0	0	-	0	0	5	0	0	-	5	0	0	0	0	-	0	2	1	0	0	-	3	8	
% Buses	0.0	0.0	0.0	-	-	0.0	-	1.5	0.0	-	-	1.4	0.0	0.0	0.0	-	-	0.0	1.8	0.4	0.0	-	-	0.7	0.9	
Trucks	0	0	4	0	-	4	0	6	1	0	-	7	2	0	0	0	-	2	1	2	0	0	-	3	16	
% Trucks	0.0	0.0	3.6	-	-	2.8	-	1.8	2.6	-	-	1.9	33.3	0.0	0.0	-	-	13.3	0.9	0.7	0.0	-	-	0.7	1.7	
Bicycles on Road	0	0	0	0	-	0	0	0	1	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	2.6	-	-	0.3	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.1	
Bicycles on Crosswalk	-	-	-	-	4	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	0	-	-	
% Bicycles on Crosswalk	-	-	-	-	26.7	-	-	-	-	-	28.6	-	-	-	-	-	20.0	-	-	-	-	-	0.0	-	-	
Pedestrians	-	-	-	-	11	-	-	-	-	-	5	-	-	-	-	-	8	-	-	-	-	-	1	-	-	
% Pedestrians	-	-	-	-	73.3	-	-	-	-	-	71.4	-	-	-	-	-	80.0	-	-	-	-	-	100.0	-	-	



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Turning Movement Peak Hour Data Plot (11:30 AM)



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Turning Movement Peak Hour Data (3:00 PM)

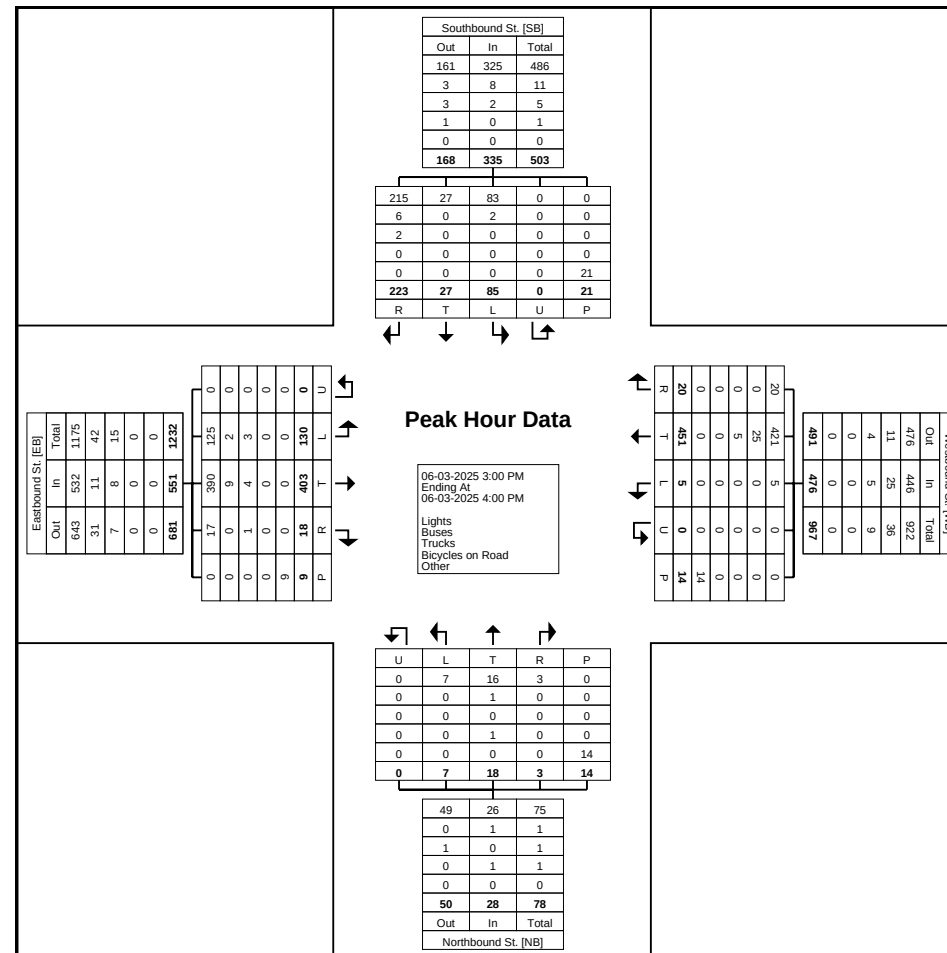
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
3:00 PM	7	3	31	0	5	41	1	66	8	0	2	75	4	9	2	0	4	15	66	125	2	0	4	193	324
3:15 PM	52	11	119	0	9	182	3	190	5	0	7	198	1	5	1	0	7	7	38	100	6	0	2	144	531
3:30 PM	18	13	52	0	4	83	1	115	3	0	5	119	1	1	0	0	2	2	9	83	7	0	3	99	303
3:45 PM	8	0	21	0	3	29	0	80	4	0	0	84	1	3	0	0	1	4	17	95	3	0	0	115	232
Total	85	27	223	0	21	335	5	451	20	0	14	476	7	18	3	0	14	28	130	403	18	0	9	551	1390
Approach %	25.4	8.1	66.6	0.0	-	-	1.1	94.7	4.2	0.0	-	-	25.0	64.3	10.7	0.0	-	-	23.6	73.1	3.3	0.0	-	-	-
Total %	6.1	1.9	16.0	0.0	-	24.1	0.4	32.4	1.4	0.0	-	34.2	0.5	1.3	0.2	0.0	-	2.0	9.4	29.0	1.3	0.0	-	39.6	-
PHF	0.409	0.519	0.468	0.000	-	0.460	0.417	0.593	0.625	0.000	-	0.601	0.438	0.500	0.375	0.000	-	0.467	0.492	0.806	0.643	0.000	-	0.714	0.654
Lights	83	27	215	0	-	325	5	421	20	0	-	446	7	16	3	0	-	26	125	390	17	0	-	532	1329
% Lights	97.6	100.0	96.4	-	-	97.0	100.0	93.3	100.0	-	-	93.7	100.0	88.9	100.0	-	-	92.9	96.2	96.8	94.4	-	-	96.6	95.6
Buses	2	0	6	0	-	8	0	25	0	0	-	25	0	1	0	0	-	1	2	9	0	0	-	11	45
% Buses	2.4	0.0	2.7	-	-	2.4	0.0	5.5	0.0	-	-	5.3	0.0	5.6	0.0	-	-	3.6	1.5	2.2	0.0	-	-	2.0	3.2
Trucks	0	0	2	0	-	2	0	5	0	0	-	5	0	0	0	0	-	0	3	4	1	0	-	8	15
% Trucks	0.0	0.0	0.9	-	-	0.6	0.0	1.1	0.0	-	-	1.1	0.0	0.0	0.0	-	-	0.0	2.3	1.0	5.6	-	-	1.5	1.1
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	1	0	0	-	1	0	0	0	0	-	0	1
% Bicycles on Road	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	5.6	0.0	-	-	3.6	0.0	0.0	0.0	-	-	0.0	0.1
Bicycles on Crosswalk	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	3	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	9.5	-	-	-	-	-	7.1	-	-	-	-	-	21.4	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	19	-	-	-	-	-	13	-	-	-	-	-	11	-	-	-	-	-	9	-	-
% Pedestrians	-	-	-	-	90.5	-	-	-	-	-	92.9	-	-	-	-	-	78.6	-	-	-	-	-	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: 55 Street - 45 Avenue - AM,
NOON & PM
Site Code:
Start Date: 06-03-2025
Page No: 9



Turning Movement Peak Hour Data Plot (3:00 PM)