



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

Count Name: 48 Street - 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						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	10	2	0	0	13	1	3	0	0	0	4	4	12	2	0	2	18	0	0	2	0	1	2	37
7:15 AM	1	14	6	0	0	21	0	0	2	0	1	2	3	24	1	0	2	28	0	1	0	0	1	1	52
7:30 AM	4	23	9	0	2	36	0	1	3	0	3	4	9	37	2	0	2	48	0	0	1	0	2	1	89
7:45 AM	3	23	15	0	2	41	0	1	2	0	4	3	4	57	7	0	1	68	2	1	3	0	1	6	118
Hourly Total	9	70	32	0	4	111	1	5	7	0	8	13	20	130	12	0	7	162	2	2	6	0	5	10	296
8:00 AM	4	36	16	0	2	56	0	0	0	0	1	0	10	58	1	0	1	69	1	5	5	0	3	11	136
8:15 AM	1	26	12	0	0	39	0	1	1	0	3	2	7	47	1	0	1	55	3	0	2	0	0	5	101
8:30 AM	5	30	18	0	3	53	0	2	0	0	2	2	12	60	2	0	4	74	0	1	4	0	3	5	134
8:45 AM	5	37	11	0	9	53	0	0	1	0	8	1	7	47	1	0	0	55	0	1	6	0	4	7	116
Hourly Total	15	129	57	0	14	201	0	3	2	0	14	5	36	212	5	0	6	253	4	7	17	0	10	28	487
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	4	32	8	0	5	44	3	2	4	0	10	9	4	41	2	0	6	47	3	4	5	0	8	12	112
11:45 AM	3	45	3	0	14	51	1	3	5	0	7	9	4	52	3	0	4	59	0	2	10	0	4	12	131
Hourly Total	7	77	11	0	19	95	4	5	9	0	17	18	8	93	5	0	10	106	3	6	15	0	12	24	243
12:00 PM	0	44	7	0	9	51	3	11	5	0	14	19	8	46	2	0	11	56	9	3	17	0	14	29	155
12:15 PM	4	37	7	0	12	48	2	4	2	0	10	8	4	42	1	0	5	47	4	2	1	0	9	7	110
12:30 PM	5	37	2	0	21	44	3	3	4	0	7	10	4	45	2	0	5	51	7	3	4	0	5	14	119
12:45 PM	5	40	10	0	8	55	1	4	5	0	12	10	7	48	4	0	14	59	10	8	6	0	8	24	148
Hourly Total	14	158	26	0	50	198	9	22	16	0	43	47	23	181	9	0	35	213	30	16	28	0	36	74	532
1:00 PM	5	36	11	0	4	52	1	4	4	0	6	9	7	38	4	0	6	49	8	0	7	0	6	15	125
1:15 PM	9	37	8	0	6	54	0	6	1	0	5	7	7	33	2	0	11	42	3	4	7	0	11	14	117
1:30 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
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	14	73	19	0	10	106	1	10	5	0	11	16	14	71	6	0	17	91	11	4	14	0	17	29	242
3:00 PM	1	53	4	0	6	58	4	3	3	0	5	10	3	44	0	0	7	47	11	1	6	0	6	18	133
3:15 PM	2	35	9	0	4	46	2	0	3	0	2	5	3	39	6	0	6	48	6	3	8	0	7	17	116
3:30 PM	3	53	8	0	6	64	2	6	3	0	3	11	5	28	3	0	7	36	4	3	11	0	12	18	129
3:45 PM	2	51	4	0	2	57	4	5	4	0	3	13	2	51	5	0	5	58	8	3	4	0	2	15	143
Hourly Total	8	192	25	0	18	225	12	14	13	0	13	39	13	162	14	0	25	189	29	10	29	0	27	68	521
4:00 PM	3	45	9	0	3	57	2	5	7	0	2	14	5	53	3	0	5	61	13	2	17	0	5	32	164
4:15 PM	3	47	4	0	4	54	3	3	6	0	2	12	5	54	2	0	8	61	9	2	10	0	6	21	148
4:30 PM	4	73	8	0	7	85	12	8	6	0	7	26	11	63	0	0	6	74	8	4	22	0	4	34	219
4:45 PM	3	62	7	0	8	72	3	4	5	0	4	12	4	52	2	0	2	58	9	1	14	0	4	24	166
Hourly Total	13	227	28	0	22	268	20	20	24	0	15	64	25	222	7	0	21	254	39	9	63	0	19	111	697

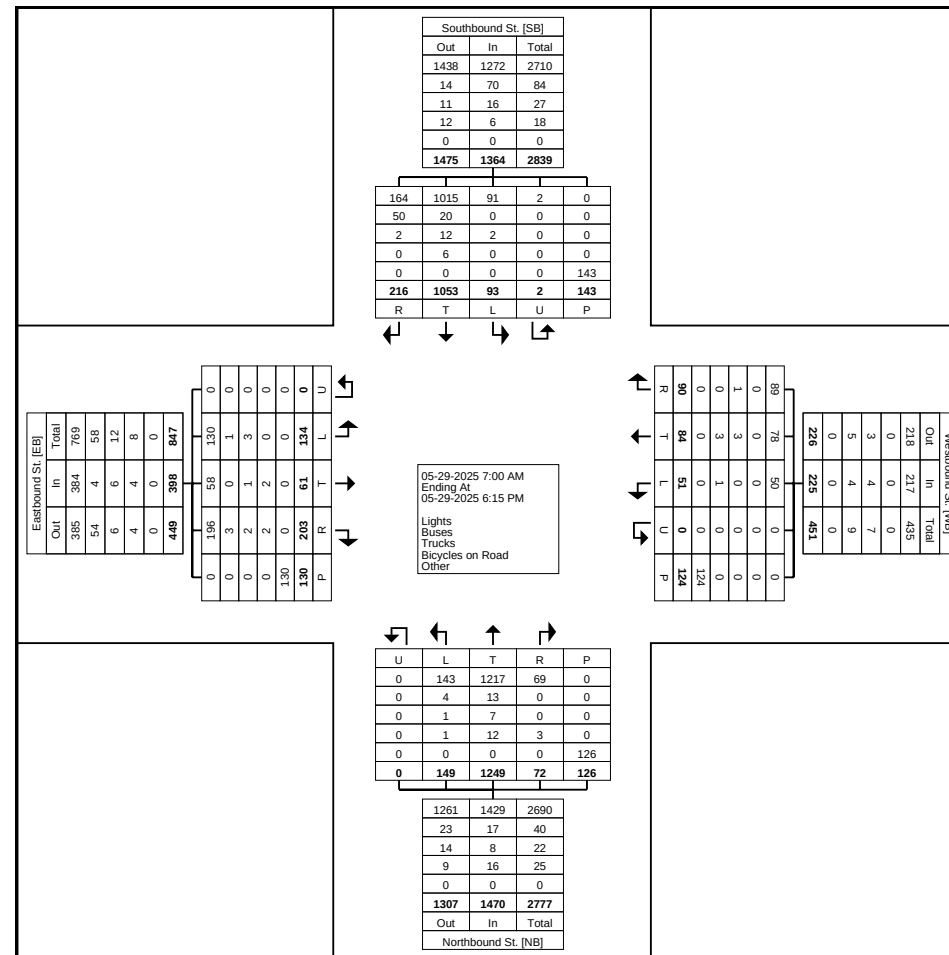
5:00 PM	5	42	6	0	2	53	1	2	4	0	0	7	3	49	6	0	2	58	8	1	15	0	0	24	142
5:15 PM	4	38	4	0	0	46	1	1	6	0	1	8	4	51	6	0	2	61	4	1	5	0	1	10	125
5:30 PM	3	26	5	1	1	35	1	1	2	0	1	4	0	39	1	0	0	40	3	5	9	0	1	17	96
5:45 PM	1	21	3	1	3	26	1	1	2	0	1	4	3	38	1	0	1	42	1	0	1	0	2	2	74
Hourly Total	13	127	18	2	6	160	4	5	14	0	3	23	10	177	14	0	5	201	16	7	30	0	4	53	437
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	1	2
Grand Total	93	1053	216	2	143	1364	51	84	90	0	124	225	149	1249	72	0	126	1470	134	61	203	0	130	398	3457
Approach %	6.8	77.2	15.8	0.1	-	-	22.7	37.3	40.0	0.0	-	-	10.1	85.0	4.9	0.0	-	-	33.7	15.3	51.0	0.0	-	-	-
Total %	2.7	30.5	6.2	0.1	-	39.5	1.5	2.4	2.6	0.0	-	6.5	4.3	36.1	2.1	0.0	-	42.5	3.9	1.8	5.9	0.0	-	11.5	-
Lights	91	1015	164	2	-	1272	50	78	89	0	-	217	143	1217	69	0	-	1429	130	58	196	0	-	384	3302
% Lights	97.8	96.4	75.9	100.0	-	93.3	98.0	92.9	98.9	-	-	96.4	96.0	97.4	95.8	-	-	97.2	97.0	95.1	96.6	-	-	96.5	95.5
Buses	0	20	50	0	-	70	0	0	0	0	-	0	4	13	0	0	-	17	1	0	3	0	-	4	91
% Buses	0.0	1.9	23.1	0.0	-	5.1	0.0	0.0	0.0	-	-	0.0	2.7	1.0	0.0	-	-	1.2	0.7	0.0	1.5	-	-	1.0	2.6
Trucks	2	12	2	0	-	16	0	3	1	0	-	4	1	7	0	0	-	8	3	1	2	0	-	6	34
% Trucks	2.2	1.1	0.9	0.0	-	1.2	0.0	3.6	1.1	-	-	1.8	0.7	0.6	0.0	-	-	0.5	2.2	1.6	1.0	-	-	1.5	1.0
Bicycles on Road	0	6	0	0	-	6	1	3	0	0	-	4	1	12	3	0	-	16	0	2	2	0	-	4	30
% Bicycles on Road	0.0	0.6	0.0	0.0	-	0.4	2.0	3.6	0.0	-	-	1.8	0.7	1.0	4.2	-	-	1.1	0.0	3.3	1.0	-	-	1.0	0.9
Bicycles on Crosswalk	-	-	-	-	4	-	-	-	-	-	12	-	-	-	-	-	5	-	-	-	-	-	6	-	-
% Bicycles on Crosswalk	-	-	-	-	2.8	-	-	-	-	-	9.7	-	-	-	-	-	4.0	-	-	-	-	-	4.6	-	-
Pedestrians	-	-	-	-	139	-	-	-	-	-	112	-	-	-	-	-	121	-	-	-	-	-	124	-	-
% Pedestrians	-	-	-	-	97.2	-	-	-	-	-	90.3	-	-	-	-	-	96.0	-	-	-	-	-	95.4	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (7:45 AM)

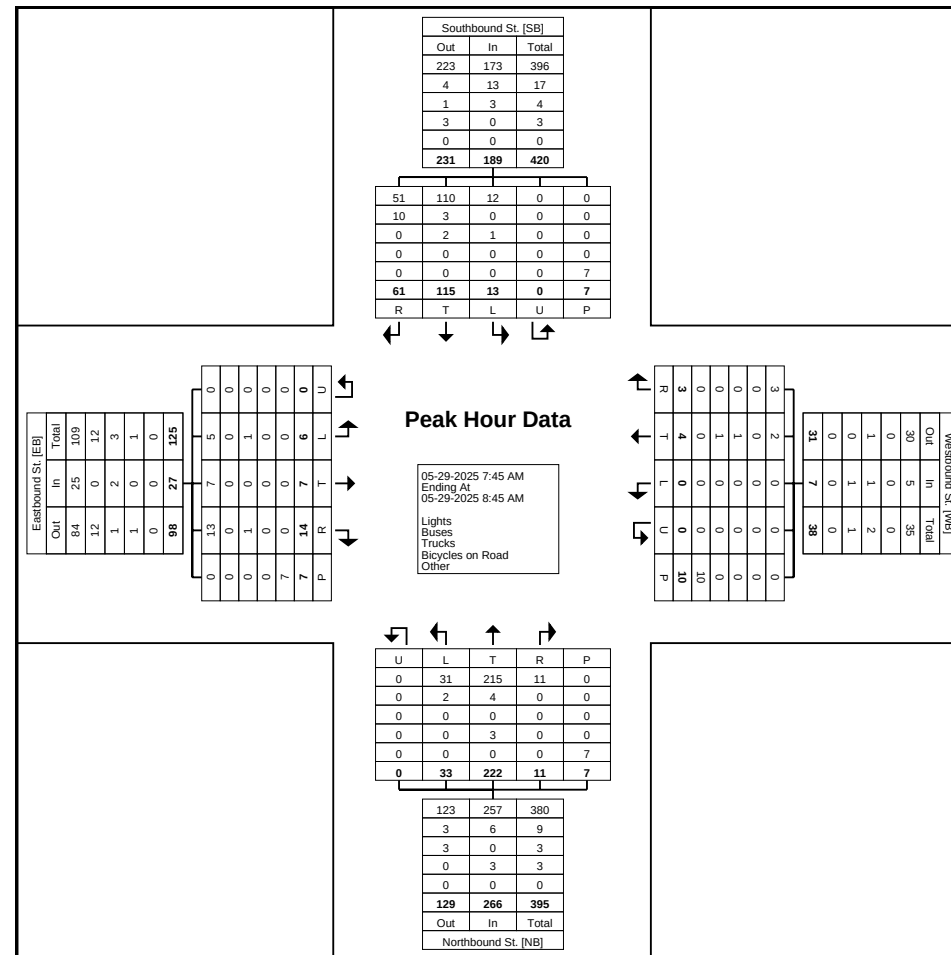
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
7:45 AM	3	23	15	0	2	41	0	1	2	0	4	3	4	57	7	0	1	68	2	1	3	0	1	6	118
8:00 AM	4	36	16	0	2	56	0	0	0	0	1	0	10	58	1	0	1	69	1	5	5	0	3	11	136
8:15 AM	1	26	12	0	0	39	0	1	1	0	3	2	7	47	1	0	1	55	3	0	2	0	0	5	101
8:30 AM	5	30	18	0	3	53	0	2	0	0	2	2	12	60	2	0	4	74	0	1	4	0	3	5	134
Total	13	115	61	0	7	189	0	4	3	0	10	7	33	222	11	0	7	266	6	7	14	0	7	27	489
Approach %	6.9	60.8	32.3	0.0	-	-	0.0	57.1	42.9	0.0	-	-	12.4	83.5	4.1	0.0	-	-	22.2	25.9	51.9	0.0	-	-	-
Total %	2.7	23.5	12.5	0.0	-	38.7	0.0	0.8	0.6	0.0	-	1.4	6.7	45.4	2.2	0.0	-	54.4	1.2	1.4	2.9	0.0	-	5.5	-
PHF	0.650	0.799	0.847	0.000	-	0.844	0.000	0.500	0.375	0.000	-	0.583	0.688	0.925	0.393	0.000	-	0.899	0.500	0.350	0.700	0.000	-	0.614	0.899
Lights	12	110	51	0	-	173	0	2	3	0	-	5	31	215	11	0	-	257	5	7	13	0	-	25	460
% Lights	92.3	95.7	83.6	-	-	91.5	-	50.0	100.0	-	-	71.4	93.9	96.8	100.0	-	-	96.6	83.3	100.0	92.9	-	-	92.6	94.1
Buses	0	3	10	0	-	13	0	0	0	0	-	0	2	4	0	0	-	6	0	0	0	0	-	0	19
% Buses	0.0	2.6	16.4	-	-	6.9	-	0.0	0.0	-	-	0.0	6.1	1.8	0.0	-	-	2.3	0.0	0.0	0.0	-	-	0.0	3.9
Trucks	1	2	0	0	-	3	0	1	0	0	-	1	0	0	0	0	-	0	1	0	1	0	-	2	6
% Trucks	7.7	1.7	0.0	-	-	1.6	-	25.0	0.0	-	-	14.3	0.0	0.0	0.0	-	-	0.0	16.7	0.0	7.1	-	-	7.4	1.2
Bicycles on Road	0	0	0	0	-	0	0	1	0	0	-	1	0	3	0	0	-	3	0	0	0	0	-	0	4
% Bicycles on Road	0.0	0.0	0.0	-	-	0.0	-	25.0	0.0	-	-	14.3	0.0	1.4	0.0	-	-	1.1	0.0	0.0	0.0	-	-	0.0	0.8
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	20.0	-	-	-	-	-	14.3	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	7	-	-	-	-	-	8	-	-	-	-	-	6	-	-	-	-	-	7	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	80.0	-	-	-	-	-	85.7	-	-	-	-	-	100.0	-	-



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Count Name: 48 Street - 48 Avenue - AM.
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Turning Movement Peak Hour Data (12:00 PM)

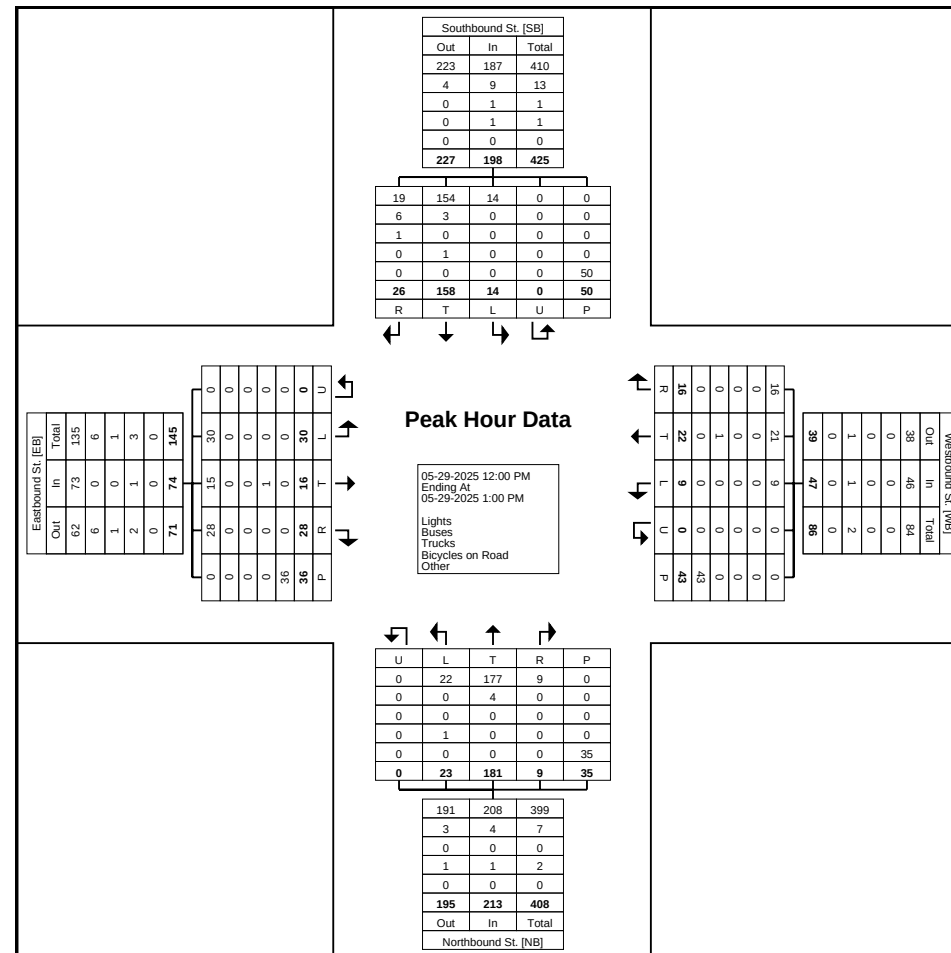
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
12:00 PM	0	44	7	0	9	51	3	11	5	0	14	19	8	46	2	0	11	56	9	3	17	0	14	29	155
12:15 PM	4	37	7	0	12	48	2	4	2	0	10	8	4	42	1	0	5	47	4	2	1	0	9	7	110
12:30 PM	5	37	2	0	21	44	3	3	4	0	7	10	4	45	2	0	5	51	7	3	4	0	5	14	119
12:45 PM	5	40	10	0	8	55	1	4	5	0	12	10	7	48	4	0	14	59	10	8	6	0	8	24	148
Total	14	158	26	0	50	198	9	22	16	0	43	47	23	181	9	0	35	213	30	16	28	0	36	74	532
Approach %	7.1	79.8	13.1	0.0	-	-	19.1	46.8	34.0	0.0	-	-	10.8	85.0	4.2	0.0	-	-	40.5	21.6	37.8	0.0	-	-	-
Total %	2.6	29.7	4.9	0.0	-	37.2	1.7	4.1	3.0	0.0	-	8.8	4.3	34.0	1.7	0.0	-	40.0	5.6	3.0	5.3	0.0	-	13.9	-
PHF	0.700	0.898	0.650	0.000	-	0.900	0.750	0.500	0.800	0.000	-	0.618	0.719	0.943	0.563	0.000	-	0.903	0.750	0.500	0.412	0.000	-	0.638	0.858
Lights	14	154	19	0	-	187	9	21	16	0	-	46	22	177	9	0	-	208	30	15	28	0	-	73	514
% Lights	100.0	97.5	73.1	-	-	94.4	100.0	95.5	100.0	-	-	97.9	95.7	97.8	100.0	-	-	97.7	100.0	93.8	100.0	-	-	98.6	96.6
Buses	0	3	6	0	-	9	0	0	0	0	-	0	0	4	0	0	-	4	0	0	0	0	-	0	13
% Buses	0.0	1.9	23.1	-	-	4.5	0.0	0.0	0.0	-	-	0.0	0.0	2.2	0.0	-	-	1.9	0.0	0.0	0.0	-	-	0.0	2.4
Trucks	0	0	1	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	1
% Trucks	0.0	0.0	3.8	-	-	0.5	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.2
Bicycles on Road	0	1	0	0	-	1	0	1	0	0	-	1	1	0	0	0	-	1	0	1	0	0	-	1	4
% Bicycles on Road	0.0	0.6	0.0	-	-	0.5	0.0	4.5	0.0	-	-	2.1	4.3	0.0	0.0	-	-	0.5	0.0	6.3	0.0	-	-	1.4	0.8
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	2	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	2.3	-	-	-	-	-	0.0	-	-	-	-	-	5.6	-	-
Pedestrians	-	-	-	-	50	-	-	-	-	-	42	-	-	-	-	-	35	-	-	-	-	-	34	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	97.7	-	-	-	-	-	100.0	-	-	-	-	-	94.4	-	-



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Turning Movement Peak Hour Data (4:00 PM)

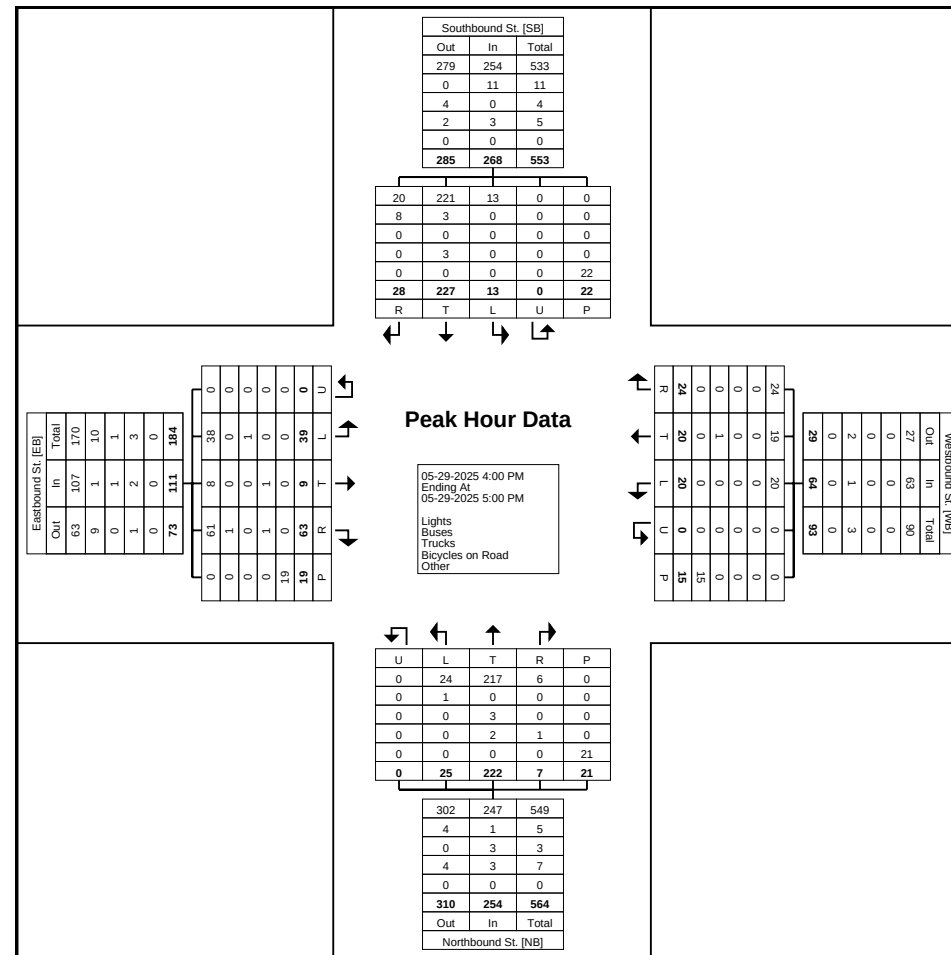
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	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
4:00 PM	3	45	9	0	3	57	2	5	7	0	2	14	5	53	3	0	5	61	13	2	17	0	5	32	164
4:15 PM	3	47	4	0	4	54	3	3	6	0	2	12	5	54	2	0	8	61	9	2	10	0	6	21	148
4:30 PM	4	73	8	0	7	85	12	8	6	0	7	26	11	63	0	0	6	74	8	4	22	0	4	34	219
4:45 PM	3	62	7	0	8	72	3	4	5	0	4	12	4	52	2	0	2	58	9	1	14	0	4	24	166
Total	13	227	28	0	22	268	20	20	24	0	15	64	25	222	7	0	21	254	39	9	63	0	19	111	697
Approach %	4.9	84.7	10.4	0.0	-	-	31.3	31.3	37.5	0.0	-	-	9.8	87.4	2.8	0.0	-	-	35.1	8.1	56.8	0.0	-	-	-
Total %	1.9	32.6	4.0	0.0	-	38.5	2.9	2.9	3.4	0.0	-	9.2	3.6	31.9	1.0	0.0	-	36.4	5.6	1.3	9.0	0.0	-	15.9	-
PHF	0.813	0.777	0.778	0.000	-	0.788	0.417	0.625	0.857	0.000	-	0.615	0.568	0.881	0.583	0.000	-	0.858	0.750	0.563	0.716	0.000	-	0.816	0.796
Lights	13	221	20	0	-	254	20	19	24	0	-	63	24	217	6	0	-	247	38	8	61	0	-	107	671
% Lights	100.0	97.4	71.4	-	-	94.8	100.0	95.0	100.0	-	-	98.4	96.0	97.7	85.7	-	-	97.2	97.4	88.9	96.8	-	-	96.4	96.3
Buses	0	3	8	0	-	11	0	0	0	0	-	0	1	0	0	0	-	1	0	0	1	0	-	1	13
% Buses	0.0	1.3	28.6	-	-	4.1	0.0	0.0	0.0	-	-	0.0	4.0	0.0	0.0	-	-	0.4	0.0	0.0	1.6	-	-	0.9	1.9
Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	3	0	0	-	3	1	0	0	0	-	1	4
% Trucks	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	1.4	0.0	-	-	1.2	2.6	0.0	0.0	-	-	0.9	0.6
Bicycles on Road	0	3	0	0	-	3	0	1	0	0	-	1	0	2	1	0	-	3	0	1	1	0	-	2	9
% Bicycles on Road	0.0	1.3	0.0	-	-	1.1	0.0	5.0	0.0	-	-	1.6	0.0	0.9	14.3	-	-	1.2	0.0	11.1	1.6	-	-	1.8	1.3
Bicycles on Crosswalk	-	-	-	-	2	-	-	-	-	-	5	-	-	-	-	-	1	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	9.1	-	-	-	-	-	33.3	-	-	-	-	-	4.8	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	20	-	-	-	-	-	10	-	-	-	-	-	20	-	-	-	-	-	19	-	-
% Pedestrians	-	-	-	-	90.9	-	-	-	-	-	66.7	-	-	-	-	-	95.2	-	-	-	-	-	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: 48 Street - 48 Avenue - AM.
NOON & PM
Site Code:
Start Date: 05-29-2025
Page No: 9



Turning Movement Peak Hour Data Plot (4:00 PM)