



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

Count Name: 49 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	5	14	0	0	3	19	0	0	0	0	0	0	0	11	2	0	2	13	2	23	1	0	2	26	58
7:15 AM	4	17	0	0	2	21	0	0	0	0	0	0	0	16	5	0	0	21	6	25	3	0	4	34	76
7:30 AM	10	34	0	0	6	44	0	0	0	0	8	0	0	31	10	0	8	41	11	39	4	0	1	54	139
7:45 AM	12	34	0	0	9	46	0	0	0	0	6	0	0	41	18	0	8	59	16	76	6	0	8	98	203
Hourly Total	31	99	0	0	20	130	0	0	0	0	14	0	0	99	35	0	18	134	35	163	14	0	15	212	476
8:00 AM	13	48	0	0	4	61	0	0	0	0	5	0	0	38	15	0	14	53	25	72	9	0	9	106	220
8:15 AM	7	35	0	0	2	42	0	0	0	0	2	0	0	43	12	0	3	55	8	88	6	0	0	102	199
8:30 AM	6	44	0	0	0	50	0	0	0	0	1	0	0	40	21	0	8	61	4	66	7	0	1	77	188
8:45 AM	14	48	0	0	3	62	0	0	0	0	6	0	0	30	15	0	6	45	11	71	9	0	9	91	198
Hourly Total	40	175	0	0	9	215	0	0	0	0	14	0	0	151	63	0	31	214	48	297	31	0	19	376	805
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	10	37	0	0	1	47	0	0	1	0	7	1	0	24	26	0	2	50	5	82	9	0	7	96	194
11:45 AM	17	35	0	0	4	52	0	0	0	0	7	0	0	27	17	0	9	44	9	81	11	0	8	101	197
Hourly Total	27	72	0	0	5	99	0	0	1	0	14	1	0	51	43	0	11	94	14	163	20	0	15	197	391
12:00 PM	21	43	0	0	14	64	0	0	0	0	14	0	0	35	26	0	14	61	16	92	12	0	13	120	245
12:15 PM	10	31	0	0	9	41	0	0	0	0	6	0	0	24	21	0	13	45	10	88	12	0	12	110	196
12:30 PM	15	39	0	0	10	54	0	0	0	0	10	0	0	33	23	0	15	56	7	80	8	0	12	95	205
12:45 PM	18	44	0	0	6	62	0	0	0	0	7	0	0	43	28	0	10	71	19	83	8	0	20	110	243
Hourly Total	64	157	0	0	39	221	0	0	0	0	37	0	0	135	98	0	52	233	52	343	40	0	57	435	889
1:00 PM	11	38	0	0	6	49	0	0	0	0	9	0	0	26	21	0	14	47	12	88	17	0	13	117	213
1:15 PM	9	44	0	0	7	53	0	0	0	0	1	0	0	21	19	0	5	40	8	90	12	0	9	110	203
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	20	82	0	0	13	102	0	0	0	0	10	0	0	47	40	0	19	87	20	178	29	0	22	227	416
3:00 PM	23	46	0	0	7	69	0	0	0	0	8	0	0	25	28	0	8	53	11	118	12	0	9	141	263
3:15 PM	16	34	0	0	8	50	0	0	0	0	9	0	0	34	23	0	11	57	19	131	15	0	8	165	272
3:30 PM	21	55	0	0	6	76	0	0	0	0	6	0	0	14	15	0	11	29	14	118	10	0	10	142	247
3:45 PM	21	48	0	0	3	69	0	0	0	0	4	0	0	29	30	0	2	59	12	113	13	0	4	138	266
Hourly Total	81	183	0	0	24	264	0	0	0	0	27	0	0	102	96	0	32	198	56	480	50	0	31	586	1048
4:00 PM	21	49	0	0	6	70	0	0	0	0	5	0	0	37	33	0	8	70	11	146	8	0	9	165	305
4:15 PM	25	46	0	0	2	71	0	0	0	0	6	0	0	34	31	0	9	65	12	138	8	0	3	158	294
4:30 PM	48	66	0	0	14	114	0	0	0	0	11	0	0	44	41	0	10	85	14	120	18	0	6	152	351
4:45 PM	24	56	0	0	5	80	0	0	0	0	10	0	0	27	42	0	8	69	12	180	11	0	2	203	352
Hourly Total	118	217	0	0	27	335	0	0	0	0	32	0	0	142	147	0	35	289	49	584	45	0	20	678	1302
5:00 PM	23	43	0	0	2	66	0	0	0	0	2	0	0	26	29	0	1	55	11	133	15	0	3	159	280

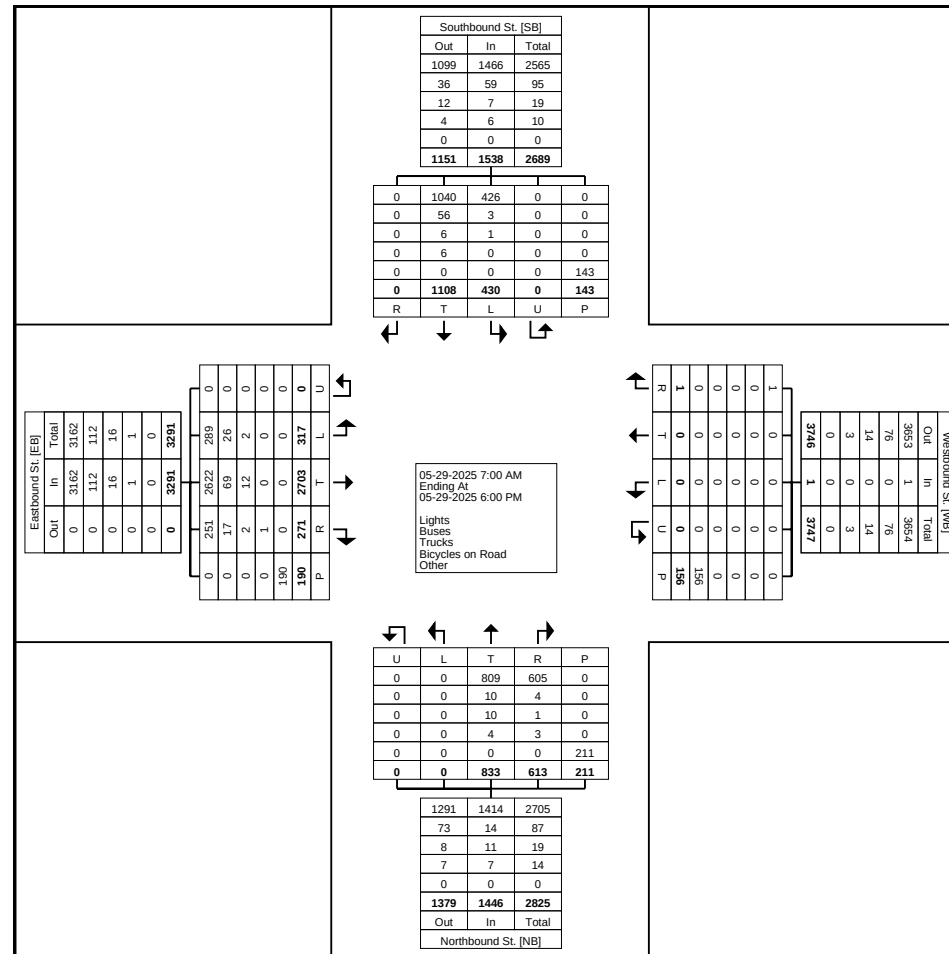
5:15 PM	8	32	0	0	3	40	0	0	0	0	3	0	0	37	21	0	5	58	11	156	14	0	5	181	279
5:30 PM	6	26	0	0	1	32	0	0	0	0	3	0	0	17	24	0	5	41	11	113	9	0	3	133	206
5:45 PM	12	22	0	0	0	34	0	0	0	0	0	0	0	26	17	0	2	43	10	93	4	0	0	107	184
Hourly Total	49	123	0	0	6	172	0	0	0	0	8	0	0	106	91	0	13	197	43	495	42	0	11	580	949
Grand Total	430	1108	0	0	143	1538	0	0	1	0	156	1	0	833	613	0	211	1446	317	2703	271	0	190	3291	6276
Approach %	28.0	72.0	0.0	0.0	-	-	0.0	0.0	100.0	0.0	-	-	0.0	57.6	42.4	0.0	-	-	9.6	82.1	8.2	0.0	-	-	-
Total %	6.9	17.7	0.0	0.0	-	24.5	0.0	0.0	0.0	0.0	-	0.0	0.0	13.3	9.8	0.0	-	23.0	5.1	43.1	4.3	0.0	-	52.4	-
Lights	426	1040	0	0	-	1466	0	0	1	0	-	1	0	809	605	0	-	1414	289	2622	251	0	-	3162	6043
% Lights	99.1	93.9	-	-	-	95.3	-	-	100.0	-	-	100.0	-	97.1	98.7	-	-	97.8	91.2	97.0	92.6	-	-	96.1	96.3
Buses	3	56	0	0	-	59	0	0	0	0	-	0	0	10	4	0	-	14	26	69	17	0	-	112	185
% Buses	0.7	5.1	-	-	-	3.8	-	-	0.0	-	-	0.0	-	1.2	0.7	-	-	1.0	8.2	2.6	6.3	-	-	3.4	2.9
Trucks	1	6	0	0	-	7	0	0	0	0	-	0	0	10	1	0	-	11	2	12	2	0	-	16	34
% Trucks	0.2	0.5	-	-	-	0.5	-	-	0.0	-	-	0.0	-	1.2	0.2	-	-	0.8	0.6	0.4	0.7	-	-	0.5	0.5
Bicycles on Road	0	6	0	0	-	6	0	0	0	0	-	0	0	4	3	0	-	7	0	0	1	0	-	1	14
% Bicycles on Road	0.0	0.5	-	-	-	0.4	-	-	0.0	-	-	0.0	-	0.5	0.5	-	-	0.5	0.0	0.0	0.4	-	-	0.0	0.2
Bicycles on Crosswalk	-	-	-	-	4	-	-	-	-	-	18	-	-	-	-	-	5	-	-	-	-	-	9	-	-
% Bicycles on Crosswalk	-	-	-	-	2.8	-	-	-	-	-	11.5	-	-	-	-	-	2.4	-	-	-	-	-	4.7	-	-
Pedestrians	-	-	-	-	139	-	-	-	-	-	138	-	-	-	-	-	206	-	-	-	-	-	181	-	-
% Pedestrians	-	-	-	-	97.2	-	-	-	-	-	88.5	-	-	-	-	-	97.6	-	-	-	-	-	95.3	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (7:45 AM)

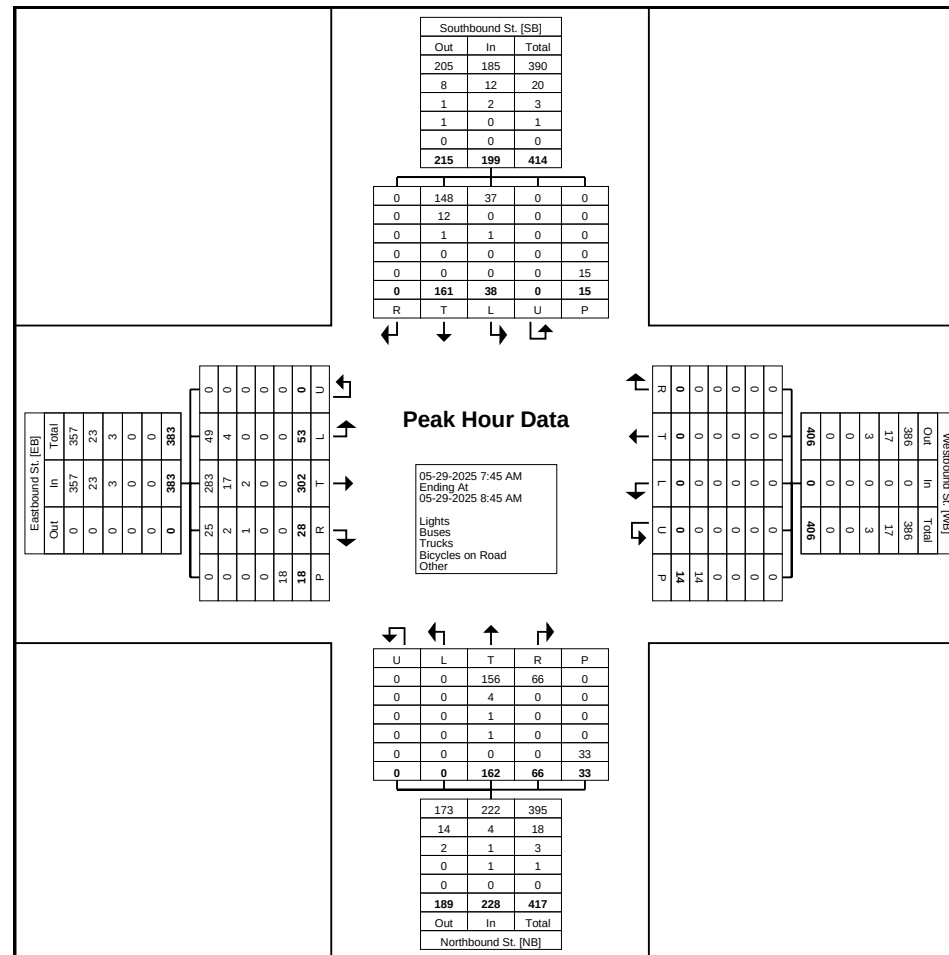
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
7:45 AM	12	34	0	0	9	46	0	0	0	0	6	0	0	41	18	0	8	59	16	76	6	0	8	98	203
8:00 AM	13	48	0	0	4	61	0	0	0	0	5	0	0	38	15	0	14	53	25	72	9	0	9	106	220
8:15 AM	7	35	0	0	2	42	0	0	0	0	2	0	0	43	12	0	3	55	8	88	6	0	0	102	199
8:30 AM	6	44	0	0	0	50	0	0	0	0	1	0	0	40	21	0	8	61	4	66	7	0	1	77	188
Total	38	161	0	0	15	199	0	0	0	0	14	0	0	162	66	0	33	228	53	302	28	0	18	383	810
Approach %	19.1	80.9	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	71.1	28.9	0.0	-	-	13.8	78.9	7.3	0.0	-	-	-
Total %	4.7	19.9	0.0	0.0	-	24.6	0.0	0.0	0.0	0.0	-	0.0	0.0	20.0	8.1	0.0	-	28.1	6.5	37.3	3.5	0.0	-	47.3	-
PHF	0.731	0.839	0.000	0.000	-	0.816	0.000	0.000	0.000	0.000	-	0.000	0.000	0.942	0.786	0.000	-	0.934	0.530	0.858	0.778	0.000	-	0.903	0.920
Lights	37	148	0	0	-	185	0	0	0	0	-	0	0	156	66	0	-	222	49	283	25	0	-	357	764
% Lights	97.4	91.9	-	-	-	93.0	-	-	-	-	-	-	-	96.3	100.0	-	-	97.4	92.5	93.7	89.3	-	-	93.2	94.3
Buses	0	12	0	0	-	12	0	0	0	0	-	0	0	4	0	0	-	4	4	17	2	0	-	23	39
% Buses	0.0	7.5	-	-	-	6.0	-	-	-	-	-	-	-	2.5	0.0	-	-	1.8	7.5	5.6	7.1	-	-	6.0	4.8
Trucks	1	1	0	0	-	2	0	0	0	0	-	0	0	1	0	0	-	1	0	2	1	0	-	3	6
% Trucks	2.6	0.6	-	-	-	1.0	-	-	-	-	-	-	-	0.6	0.0	-	-	0.4	0.0	0.7	3.6	-	-	0.8	0.7
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	-	-	-	-	-	-	-	0.6	0.0	-	-	0.4	0.0	0.0	0.0	-	-	0.0	0.1
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	14.3	-	-	-	-	-	3.0	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	15	-	-	-	-	-	12	-	-	-	-	-	32	-	-	-	-	-	18	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	85.7	-	-	-	-	-	97.0	-	-	-	-	-	100.0	-	-



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



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Turning Movement Peak Hour Data (12:00 PM)

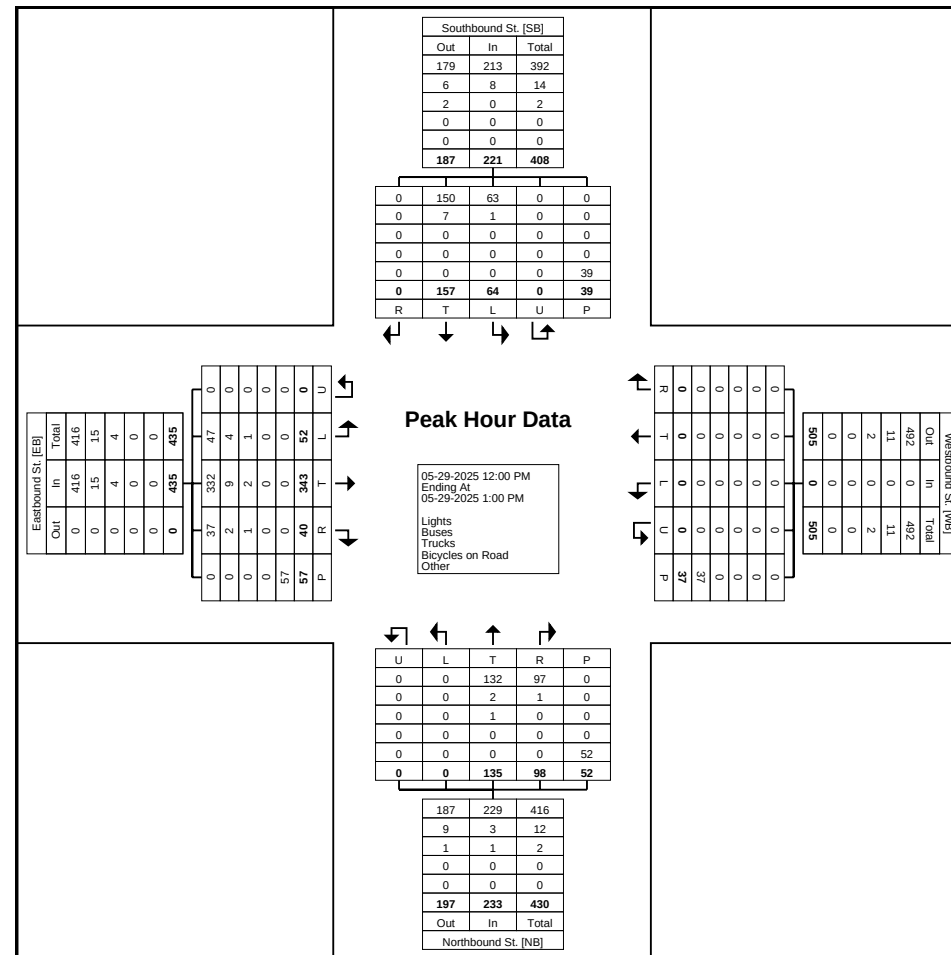
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
12:00 PM	21	43	0	0	14	64	0	0	0	0	14	0	0	35	26	0	14	61	16	92	12	0	13	120	245
12:15 PM	10	31	0	0	9	41	0	0	0	0	6	0	0	24	21	0	13	45	10	88	12	0	12	110	196
12:30 PM	15	39	0	0	10	54	0	0	0	0	10	0	0	33	23	0	15	56	7	80	8	0	12	95	205
12:45 PM	18	44	0	0	6	62	0	0	0	0	7	0	0	43	28	0	10	71	19	83	8	0	20	110	243
Total	64	157	0	0	39	221	0	0	0	0	37	0	0	135	98	0	52	233	52	343	40	0	57	435	889
Approach %	29.0	71.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	57.9	42.1	0.0	-	-	12.0	78.9	9.2	0.0	-	-	-
Total %	7.2	17.7	0.0	0.0	-	24.9	0.0	0.0	0.0	0.0	-	0.0	0.0	15.2	11.0	0.0	-	26.2	5.8	38.6	4.5	0.0	-	48.9	-
PHF	0.762	0.892	0.000	0.000	-	0.863	0.000	0.000	0.000	0.000	-	0.000	0.000	0.785	0.875	0.000	-	0.820	0.684	0.932	0.833	0.000	-	0.906	0.907
Lights	63	150	0	0	-	213	0	0	0	0	-	0	0	132	97	0	-	229	47	332	37	0	-	416	858
% Lights	98.4	95.5	-	-	-	96.4	-	-	-	-	-	-	-	97.8	99.0	-	-	98.3	90.4	96.8	92.5	-	-	95.6	96.5
Buses	1	7	0	0	-	8	0	0	0	0	-	0	0	2	1	0	-	3	4	9	2	0	-	15	26
% Buses	1.6	4.5	-	-	-	3.6	-	-	-	-	-	-	-	1.5	1.0	-	-	1.3	7.7	2.6	5.0	-	-	3.4	2.9
Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	1	0	0	-	1	1	2	1	0	-	4	5
% Trucks	0.0	0.0	-	-	-	0.0	-	-	-	-	-	-	-	0.7	0.0	-	-	0.4	1.9	0.6	2.5	-	-	0.9	0.6
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
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	0	-	-	-	-	-	3	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	5.4	-	-	-	-	-	0.0	-	-	-	-	-	5.3	-	-
Pedestrians	-	-	-	-	39	-	-	-	-	-	35	-	-	-	-	-	52	-	-	-	-	-	54	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	94.6	-	-	-	-	-	100.0	-	-	-	-	-	94.7	-	-



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Turning Movement Peak Hour Data Plot (12:00 PM)



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Turning Movement Peak Hour Data (4:00 PM)

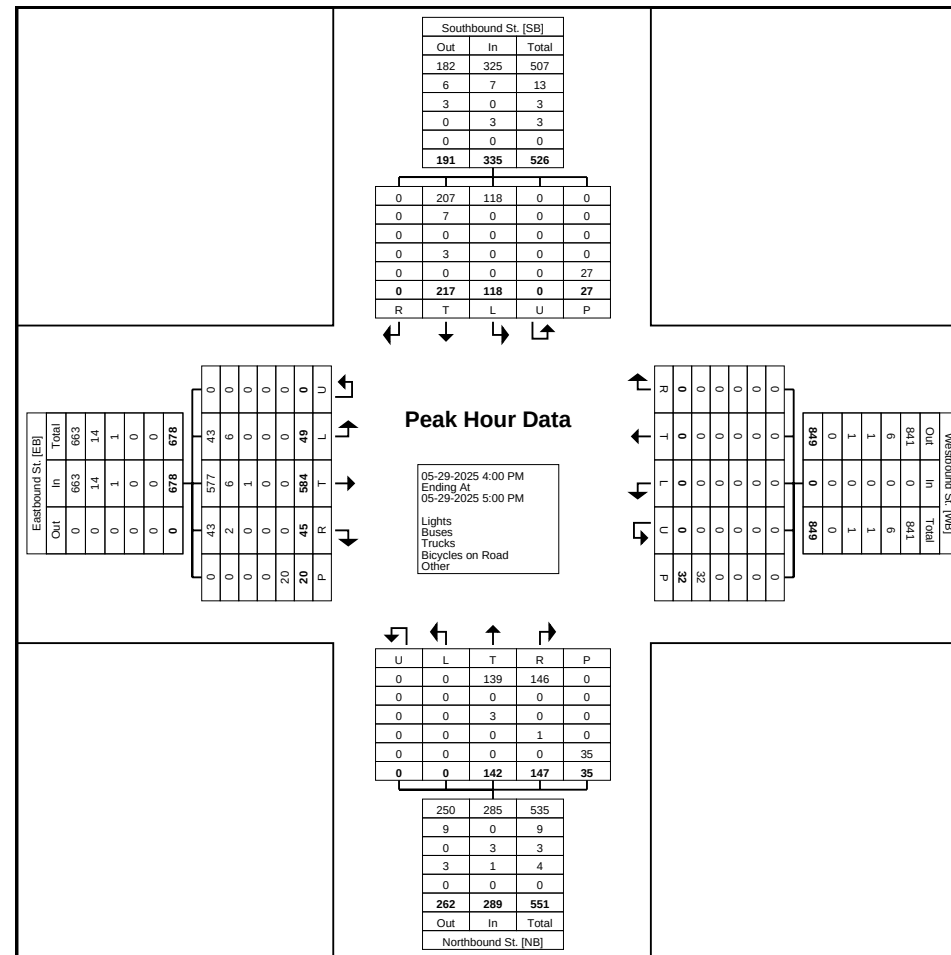
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	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
4:00 PM	21	49	0	0	6	70	0	0	0	0	5	0	0	37	33	0	8	70	11	146	8	0	9	165	305
4:15 PM	25	46	0	0	2	71	0	0	0	0	6	0	0	34	31	0	9	65	12	138	8	0	3	158	294
4:30 PM	48	66	0	0	14	114	0	0	0	0	11	0	0	44	41	0	10	85	14	120	18	0	6	152	351
4:45 PM	24	56	0	0	5	80	0	0	0	0	10	0	0	27	42	0	8	69	12	180	11	0	2	203	352
Total	118	217	0	0	27	335	0	0	0	0	32	0	0	142	147	0	35	289	49	584	45	0	20	678	1302
Approach %	35.2	64.8	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	49.1	50.9	0.0	-	-	7.2	86.1	6.6	0.0	-	-	-
Total %	9.1	16.7	0.0	0.0	-	25.7	0.0	0.0	0.0	0.0	-	0.0	0.0	10.9	11.3	0.0	-	22.2	3.8	44.9	3.5	0.0	-	52.1	-
PHF	0.615	0.822	0.000	0.000	-	0.735	0.000	0.000	0.000	0.000	-	0.000	0.000	0.807	0.875	0.000	-	0.850	0.875	0.811	0.625	0.000	-	0.835	0.925
Lights	118	207	0	0	-	325	0	0	0	0	-	0	0	139	146	0	-	285	43	577	43	0	-	663	1273
% Lights	100.0	95.4	-	-	-	97.0	-	-	-	-	-	-	-	97.9	99.3	-	-	98.6	87.8	98.8	95.6	-	-	97.8	97.8
Buses	0	7	0	0	-	7	0	0	0	0	-	0	0	0	0	0	-	0	6	6	2	0	-	14	21
% Buses	0.0	3.2	-	-	-	2.1	-	-	-	-	-	-	-	0.0	0.0	-	-	0.0	12.2	1.0	4.4	-	-	2.1	1.6
Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	3	0	0	-	3	0	1	0	0	-	1	4
% Trucks	0.0	0.0	-	-	-	0.0	-	-	-	-	-	-	-	2.1	0.0	-	-	1.0	0.0	0.2	0.0	-	-	0.1	0.3
Bicycles on Road	0	3	0	0	-	3	0	0	0	0	-	0	0	0	1	0	-	1	0	0	0	0	-	0	4
% Bicycles on Road	0.0	1.4	-	-	-	0.9	-	-	-	-	-	-	-	0.0	0.7	-	-	0.3	0.0	0.0	0.0	-	-	0.0	0.3
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	5	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	15.6	-	-	-	-	-	0.0	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	27	-	-	-	-	-	27	-	-	-	-	-	35	-	-	-	-	-	20	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	84.4	-	-	-	-	-	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: 49 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)