



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

Count Name: 22 Street - Austin Drive - AM,
NOON & PM
Site Code:
Start Date: 05-28-2024
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	2	0	8	0	1	10	6	73	1	0	0	80	8	1	11	0	0	20	4	12	1	0	0	17	127
7:15 AM	6	0	9	0	3	15	7	78	0	0	1	85	10	0	6	0	1	16	2	18	1	0	0	21	137
7:30 AM	6	1	17	0	2	24	7	108	6	0	4	121	10	1	12	0	3	23	1	23	5	0	0	29	197
7:45 AM	4	1	17	0	3	22	5	135	6	0	0	146	13	2	7	0	2	22	5	28	3	0	0	36	226
Hourly Total	18	2	51	0	9	71	25	394	13	0	5	432	41	4	36	0	6	81	12	81	10	0	0	103	687
8:00 AM	2	3	20	0	1	25	7	102	1	0	1	110	9	3	14	0	4	26	4	31	1	0	0	36	197
8:15 AM	2	3	10	0	3	15	9	93	3	0	1	105	4	3	19	0	2	26	4	47	4	0	0	55	201
8:30 AM	5	4	12	0	1	21	13	129	12	0	3	154	12	6	22	0	1	40	5	61	6	0	0	72	287
8:45 AM	7	6	24	0	1	37	6	114	4	0	1	124	8	1	29	0	3	38	6	56	6	0	0	68	267
Hourly Total	16	16	66	0	6	98	35	438	20	0	6	493	33	13	84	0	10	130	19	195	17	0	0	231	952
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	5	3	3	0	0	11	6	61	7	0	0	74	4	3	14	0	4	21	4	66	4	0	0	74	180
11:45 AM	3	0	5	0	0	8	9	74	4	0	3	87	4	1	16	0	2	21	6	65	5	0	0	76	192
Hourly Total	8	3	8	0	0	19	15	135	11	0	3	161	8	4	30	0	6	42	10	131	9	0	0	150	372
12:00 PM	2	0	8	0	1	10	16	85	11	0	0	112	2	3	9	0	4	14	14	64	11	0	0	89	225
12:15 PM	3	0	8	0	0	11	11	65	8	0	0	84	4	0	7	0	2	11	4	70	6	0	1	80	186
12:30 PM	3	3	12	0	0	18	8	77	6	0	0	91	4	3	7	0	0	14	8	68	6	0	0	82	205
12:45 PM	7	2	5	0	0	14	6	86	4	0	3	96	6	0	3	0	6	9	6	44	4	0	0	54	173
Hourly Total	15	5	33	0	1	53	41	313	29	0	3	383	16	6	26	0	12	48	32	246	27	0	1	305	789
1:00 PM	3	0	13	0	0	16	10	75	12	0	3	97	2	0	6	0	23	8	9	49	11	0	0	69	190
1:15 PM	5	1	12	0	0	18	1	66	8	0	2	75	2	2	9	0	2	13	8	53	4	0	0	65	171
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	8	1	25	0	0	34	11	141	20	0	5	172	4	2	15	0	25	21	17	102	15	0	0	134	361
3:00 PM	4	0	4	0	0	8	10	77	12	0	0	99	4	4	13	0	2	21	12	64	11	0	0	87	215
3:15 PM	6	2	7	0	3	15	15	66	13	0	4	94	11	2	12	0	4	25	9	86	13	0	0	108	242
3:30 PM	9	8	12	0	0	29	19	84	9	0	0	112	11	4	42	0	1	57	12	104	13	0	0	129	327
3:45 PM	6	4	18	0	5	28	25	81	14	0	4	120	6	2	30	0	3	38	9	98	7	0	0	114	300
Hourly Total	25	14	41	0	8	80	69	308	48	0	8	425	32	12	97	0	10	141	42	352	44	0	0	438	1084
4:00 PM	5	3	11	0	1	19	19	98	12	0	6	129	7	0	12	0	3	19	11	90	20	0	0	121	288
4:15 PM	5	3	13	0	6	21	19	64	13	0	3	96	3	5	10	0	6	18	7	105	16	0	0	128	263
4:30 PM	4	1	11	0	3	16	14	82	11	0	2	107	3	2	13	0	11	18	11	110	12	0	0	133	274
4:45 PM	5	1	19	0	0	25	16	78	5	0	1	99	7	4	21	0	7	32	10	117	16	0	1	143	299
Hourly Total	19	8	54	0	10	81	68	322	41	0	12	431	20	11	56	0	27	87	39	422	64	0	1	525	1124

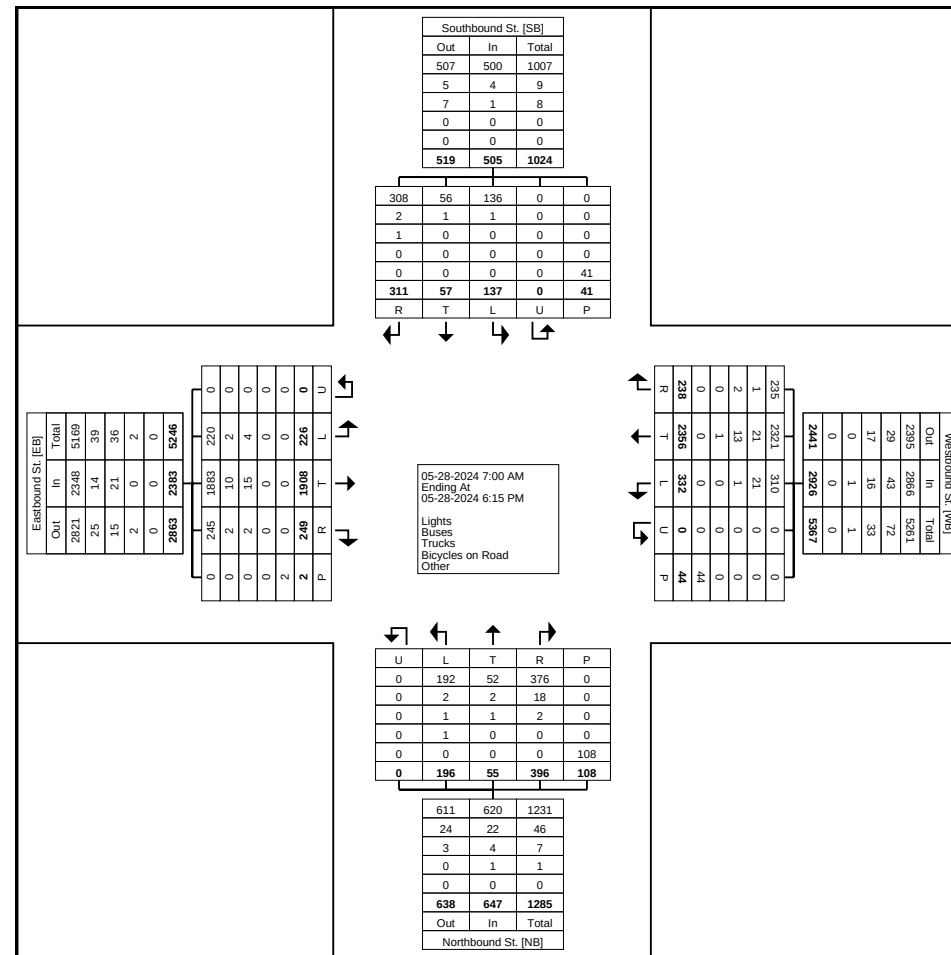
5:00 PM	8	2	11	0	0	21	19	80	16	0	1	115	5	1	10	0	1	16	14	109	24	0	0	147	299
5:15 PM	10	1	9	0	2	20	12	63	11	0	0	86	10	2	14	0	5	26	18	99	12	0	0	129	261
5:30 PM	5	1	7	0	4	13	17	92	15	0	1	124	13	0	17	0	4	30	9	89	16	0	0	114	281
5:45 PM	5	4	6	0	1	15	20	70	14	0	0	104	14	0	11	0	2	25	14	82	11	0	0	107	251
Hourly Total	28	8	33	0	7	69	68	305	56	0	2	429	42	3	52	0	12	97	55	379	63	0	0	497	1092
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	137	57	311	0	41	505	332	2356	238	0	44	2926	196	55	396	0	108	647	226	1908	249	0	2	2383	6461
Approach %	27.1	11.3	61.6	0.0	-	-	11.3	80.5	8.1	0.0	-	-	30.3	8.5	61.2	0.0	-	-	9.5	80.1	10.4	0.0	-	-	-
Total %	2.1	0.9	4.8	0.0	-	7.8	5.1	36.5	3.7	0.0	-	45.3	3.0	0.9	6.1	0.0	-	10.0	3.5	29.5	3.9	0.0	-	36.9	-
Lights	136	56	308	0	-	500	310	2321	235	0	-	2866	192	52	376	0	-	620	220	1883	245	0	-	2348	6334
% Lights	99.3	98.2	99.0	-	-	99.0	93.4	98.5	98.7	-	-	97.9	98.0	94.5	94.9	-	-	95.8	97.3	98.7	98.4	-	-	98.5	98.0
Buses	1	1	2	0	-	4	21	21	1	0	-	43	2	2	18	0	-	22	2	10	2	0	-	14	83
% Buses	0.7	1.8	0.6	-	-	0.8	6.3	0.9	0.4	-	-	1.5	1.0	3.6	4.5	-	-	3.4	0.9	0.5	0.8	-	-	0.6	1.3
Trucks	0	0	1	0	-	1	1	13	2	0	-	16	1	1	2	0	-	4	4	15	2	0	-	21	42
% Trucks	0.0	0.0	0.3	-	-	0.2	0.3	0.6	0.8	-	-	0.5	0.5	1.8	0.5	-	-	0.6	1.8	0.8	0.8	-	-	0.9	0.7
Bicycles on Road	0	0	0	0	-	0	0	1	0	0	-	1	1	0	0	0	-	1	0	0	0	0	-	0	2
% Bicycles on Road	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.5	0.0	0.0	-	-	0.2	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	27	-	-	-	-	-	12	-	-	-	-	-	70	-	-	-	-	-	1	-	-
% Bicycles on Crosswalk	-	-	-	-	65.9	-	-	-	-	-	27.3	-	-	-	-	-	64.8	-	-	-	-	-	50.0	-	-
Pedestrians	-	-	-	-	14	-	-	-	-	-	32	-	-	-	-	-	38	-	-	-	-	-	1	-	-
% Pedestrians	-	-	-	-	34.1	-	-	-	-	-	72.7	-	-	-	-	-	35.2	-	-	-	-	-	50.0	-	-



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Turning Movement Peak Hour Data (8:00 AM)

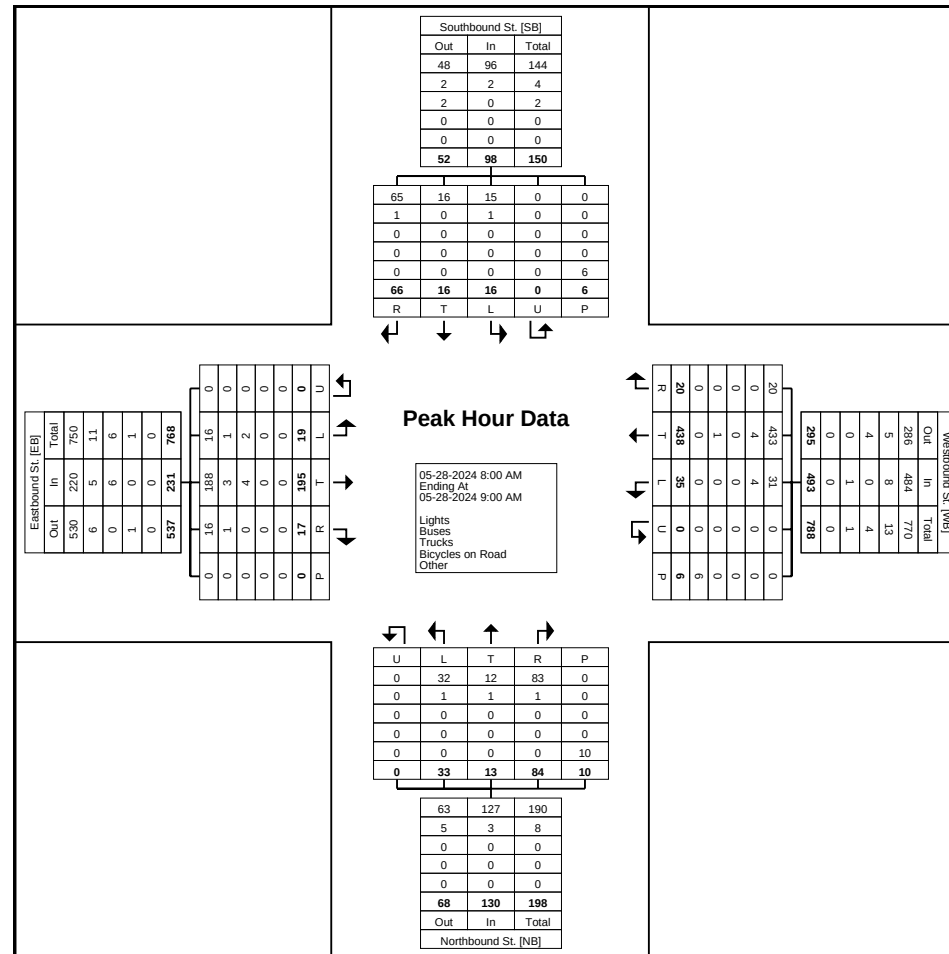
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
8:00 AM	2	3	20	0	1	25	7	102	1	0	1	110	9	3	14	0	4	26	4	31	1	0	0	36	197
8:15 AM	2	3	10	0	3	15	9	93	3	0	1	105	4	3	19	0	2	26	4	47	4	0	0	55	201
8:30 AM	5	4	12	0	1	21	13	129	12	0	3	154	12	6	22	0	1	40	5	61	6	0	0	72	287
8:45 AM	7	6	24	0	1	37	6	114	4	0	1	124	8	1	29	0	3	38	6	56	6	0	0	68	267
Total	16	16	66	0	6	98	35	438	20	0	6	493	33	13	84	0	10	130	19	195	17	0	0	231	952
Approach %	16.3	16.3	67.3	0.0	-	-	7.1	88.8	4.1	0.0	-	-	25.4	10.0	64.6	0.0	-	-	8.2	84.4	7.4	0.0	-	-	-
Total %	1.7	1.7	6.9	0.0	-	10.3	3.7	46.0	2.1	0.0	-	51.8	3.5	1.4	8.8	0.0	-	13.7	2.0	20.5	1.8	0.0	-	24.3	-
PHF	0.571	0.667	0.688	0.000	-	0.662	0.673	0.849	0.417	0.000	-	0.800	0.688	0.542	0.724	0.000	-	0.813	0.792	0.799	0.708	0.000	-	0.802	0.829
Lights	15	16	65	0	-	96	31	433	20	0	-	484	32	12	83	0	-	127	16	188	16	0	-	220	927
% Lights	93.8	100.0	98.5	-	-	98.0	88.6	98.9	100.0	-	-	98.2	97.0	92.3	98.8	-	-	97.7	84.2	96.4	94.1	-	-	95.2	97.4
Buses	1	0	1	0	-	2	4	4	0	0	-	8	1	1	1	0	-	3	1	3	1	0	-	5	18
% Buses	6.3	0.0	1.5	-	-	2.0	11.4	0.9	0.0	-	-	1.6	3.0	7.7	1.2	-	-	2.3	5.3	1.5	5.9	-	-	2.2	1.9
Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	2	4	0	0	-	6	6
% Trucks	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	10.5	2.1	0.0	-	-	2.6	0.6
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	0.2	0.0	-	-	0.2	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.1
Bicycles on Crosswalk	-	-	-	-	3	-	-	-	-	-	2	-	-	-	-	-	4	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	50.0	-	-	-	-	-	33.3	-	-	-	-	-	40.0	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	3	-	-	-	-	-	4	-	-	-	-	-	6	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	50.0	-	-	-	-	-	66.7	-	-	-	-	-	60.0	-	-	-	-	-	-	-	-



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Turning Movement Peak Hour Data Plot (8:00 AM)



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Turning Movement Peak Hour Data (11:45 AM)

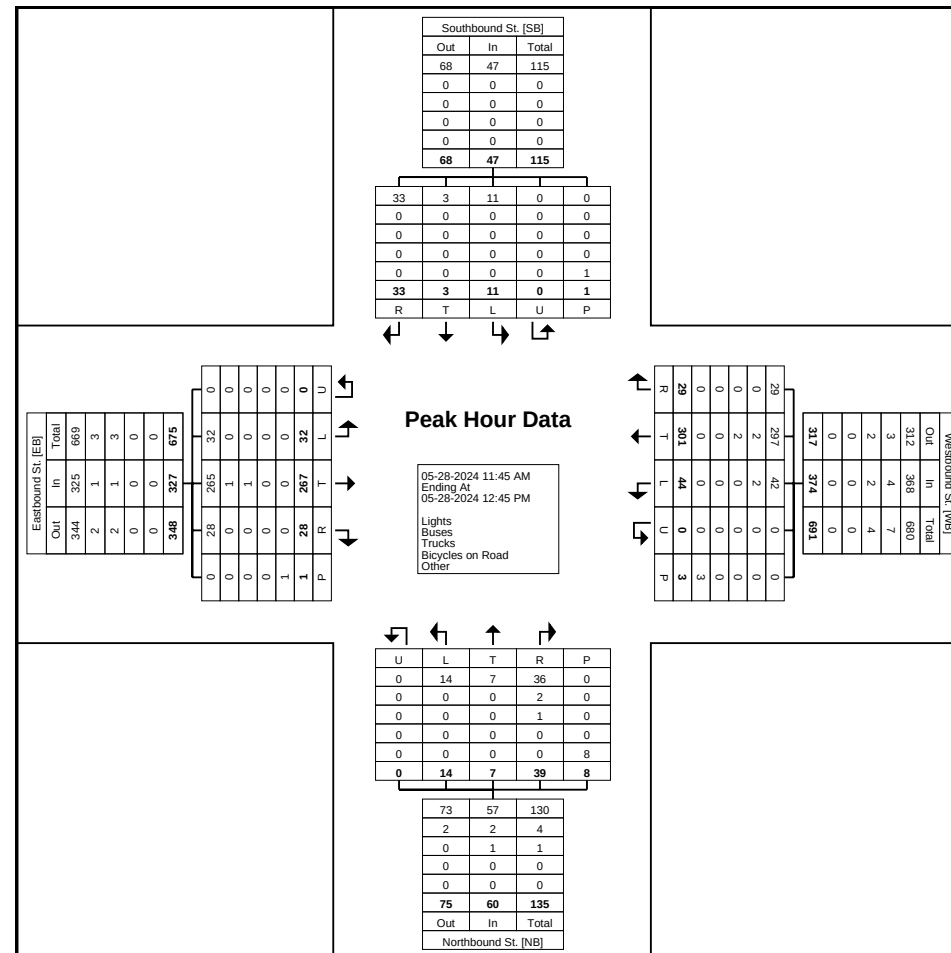
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
11:45 AM	3	0	5	0	0	8	9	74	4	0	3	87	4	1	16	0	2	21	6	65	5	0	0	76	192
12:00 PM	2	0	8	0	1	10	16	85	11	0	0	112	2	3	9	0	4	14	14	64	11	0	0	89	225
12:15 PM	3	0	8	0	0	11	11	65	8	0	0	84	4	0	7	0	2	11	4	70	6	0	1	80	186
12:30 PM	3	3	12	0	0	18	8	77	6	0	0	91	4	3	7	0	0	14	8	68	6	0	0	82	205
Total	11	3	33	0	1	47	44	301	29	0	3	374	14	7	39	0	8	60	32	267	28	0	1	327	808
Approach %	23.4	6.4	70.2	0.0	-	-	11.8	80.5	7.8	0.0	-	-	23.3	11.7	65.0	0.0	-	-	9.8	81.7	8.6	0.0	-	-	-
Total %	1.4	0.4	4.1	0.0	-	5.8	5.4	37.3	3.6	0.0	-	46.3	1.7	0.9	4.8	0.0	-	7.4	4.0	33.0	3.5	0.0	-	40.5	-
PHF	0.917	0.250	0.688	0.000	-	0.653	0.688	0.885	0.659	0.000	-	0.835	0.875	0.583	0.609	0.000	-	0.714	0.571	0.954	0.636	0.000	-	0.919	0.898
Lights	11	3	33	0	-	47	42	297	29	0	-	368	14	7	36	0	-	57	32	265	28	0	-	325	797
% Lights	100.0	100.0	100.0	-	-	100.0	95.5	98.7	100.0	-	-	98.4	100.0	100.0	92.3	-	-	95.0	100.0	99.3	100.0	-	-	99.4	98.6
Buses	0	0	0	0	-	0	2	2	0	0	-	4	0	0	2	0	-	2	0	1	0	0	-	1	7
% Buses	0.0	0.0	0.0	-	-	0.0	4.5	0.7	0.0	-	-	1.1	0.0	0.0	5.1	-	-	3.3	0.0	0.4	0.0	-	-	0.3	0.9
Trucks	0	0	0	0	-	0	0	2	0	0	-	2	0	0	1	0	-	1	0	1	0	0	-	1	4
% Trucks	0.0	0.0	0.0	-	-	0.0	0.0	0.7	0.0	-	-	0.5	0.0	0.0	2.6	-	-	1.7	0.0	0.4	0.0	-	-	0.3	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
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	4	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	0.0	-	-	-	-	-	50.0	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	1	-	-	-	-	-	3	-	-	-	-	-	4	-	-	-	-	-	1	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	50.0	-	-	-	-	-	100.0	-	-



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Turning Movement Peak Hour Data Plot (11:45 AM)



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Turning Movement Peak Hour Data (3:30 PM)

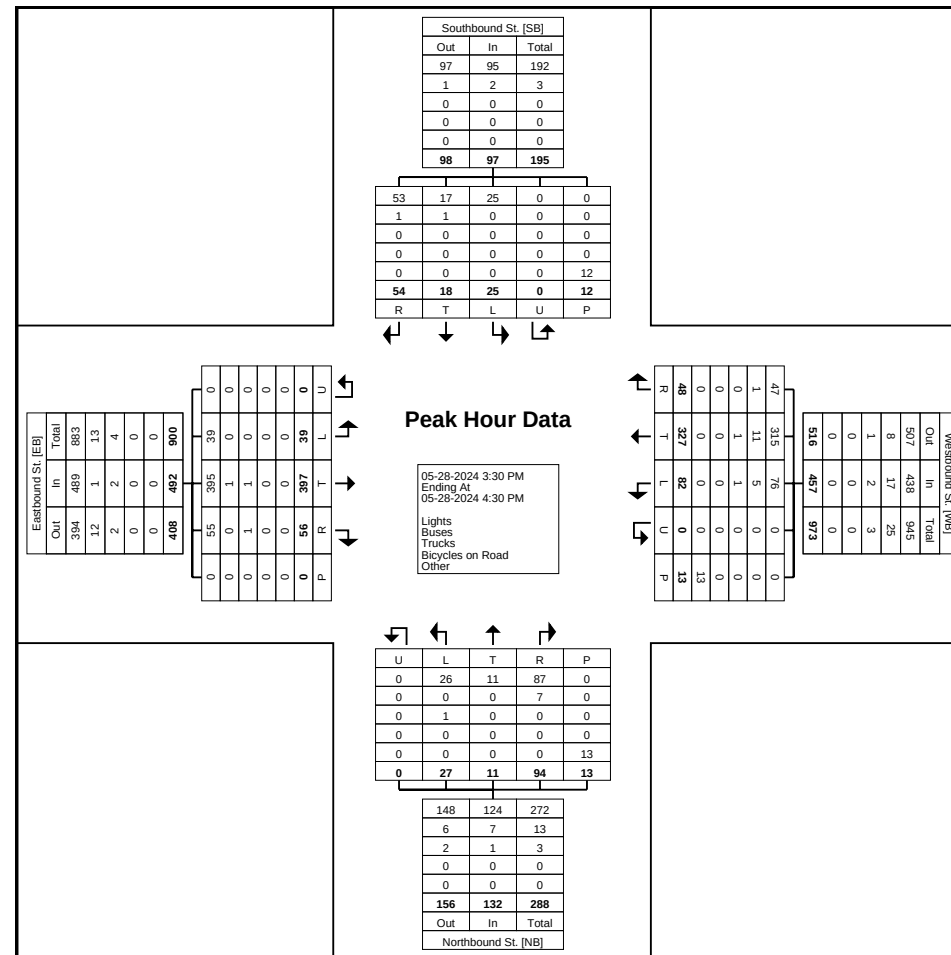
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	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
3:30 PM	9	8	12	0	0	29	19	84	9	0	0	112	11	4	42	0	1	57	12	104	13	0	0	129	327
3:45 PM	6	4	18	0	5	28	25	81	14	0	4	120	6	2	30	0	3	38	9	98	7	0	0	114	300
4:00 PM	5	3	11	0	1	19	19	98	12	0	6	129	7	0	12	0	3	19	11	90	20	0	0	121	288
4:15 PM	5	3	13	0	6	21	19	64	13	0	3	96	3	5	10	0	6	18	7	105	16	0	0	128	263
Total	25	18	54	0	12	97	82	327	48	0	13	457	27	11	94	0	13	132	39	397	56	0	0	492	1178
Approach %	25.8	18.6	55.7	0.0	-	-	17.9	71.6	10.5	0.0	-	-	20.5	8.3	71.2	0.0	-	-	7.9	80.7	11.4	0.0	-	-	-
Total %	2.1	1.5	4.6	0.0	-	8.2	7.0	27.8	4.1	0.0	-	38.8	2.3	0.9	8.0	0.0	-	11.2	3.3	33.7	4.8	0.0	-	41.8	-
PHF	0.694	0.563	0.750	0.000	-	0.836	0.820	0.834	0.857	0.000	-	0.886	0.614	0.550	0.560	0.000	-	0.579	0.813	0.945	0.700	0.000	-	0.953	0.901
Lights	25	17	53	0	-	95	76	315	47	0	-	438	26	11	87	0	-	124	39	395	55	0	-	489	1146
% Lights	100.0	94.4	98.1	-	-	97.9	92.7	96.3	97.9	-	-	95.8	96.3	100.0	92.6	-	-	93.9	100.0	99.5	98.2	-	-	99.4	97.3
Buses	0	1	1	0	-	2	5	11	1	0	-	17	0	0	7	0	-	7	0	1	0	0	-	1	27
% Buses	0.0	5.6	1.9	-	-	2.1	6.1	3.4	2.1	-	-	3.7	0.0	0.0	7.4	-	-	5.3	0.0	0.3	0.0	-	-	0.2	2.3
Trucks	0	0	0	0	-	0	1	1	0	0	-	2	1	0	0	0	-	1	0	1	1	0	-	2	5
% Trucks	0.0	0.0	0.0	-	-	0.0	1.2	0.3	0.0	-	-	0.4	3.7	0.0	0.0	-	-	0.8	0.0	0.3	1.8	-	-	0.4	0.4
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	-	-	-	-	10	-	-	-	-	-	3	-	-	-	-	-	7	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	83.3	-	-	-	-	-	23.1	-	-	-	-	-	53.8	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	2	-	-	-	-	-	10	-	-	-	-	-	6	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	16.7	-	-	-	-	-	76.9	-	-	-	-	-	46.2	-	-	-	-	-	-	-	-



The City of Red Deer
4914 – 48 Avenue

Red Deer, Alberta, Canada T4N 3T4
403- 342-8111 richard.silvestre@reddeer.ca
CORD

Count Name: 22 Street - Austin Drive - AM,
NOON & PM
Site Code:
Start Date: 05-28-2024
Page No: 9



Turning Movement Peak Hour Data Plot (3:30 PM)