



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 - Lindsay Avenue - 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	1	2	11	0	0	14	0	38	0	0	0	38	23	4	0	0	0	27	3	5	2	0	0	10	89
7:15 AM	0	0	14	0	1	14	1	43	3	0	2	47	20	2	0	0	1	22	4	14	4	0	3	22	105
7:30 AM	2	7	25	0	0	34	2	63	4	0	3	69	29	2	1	0	1	32	3	11	6	0	0	20	155
7:45 AM	1	3	12	0	1	16	2	64	0	0	2	66	30	6	1	0	1	37	4	12	9	0	0	25	144
Hourly Total	4	12	62	0	2	78	5	208	7	0	7	220	102	14	2	0	3	118	14	42	21	0	3	77	493
8:00 AM	1	1	21	0	1	23	3	49	2	0	1	54	30	6	0	0	0	36	4	20	11	0	4	35	148
8:15 AM	2	6	27	0	1	35	0	51	3	0	3	54	34	22	1	0	3	57	7	19	11	0	8	37	183
8:30 AM	1	11	39	0	0	51	0	58	6	0	12	64	25	29	1	0	0	55	6	25	14	0	9	45	215
8:45 AM	0	12	29	0	0	41	1	26	4	0	0	31	31	8	0	0	3	39	3	18	14	0	2	35	146
Hourly Total	4	30	116	0	2	150	4	184	15	0	16	203	120	65	2	0	6	187	20	82	50	0	23	152	692
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	0	11	12	0	0	23	0	28	1	0	0	29	10	2	0	0	4	12	12	22	8	0	1	42	106
11:45 AM	2	4	11	0	1	17	1	29	2	0	1	32	22	4	1	0	0	27	6	27	13	0	0	46	122
Hourly Total	2	15	23	0	1	40	1	57	3	0	1	61	32	6	1	0	4	39	18	49	21	0	1	88	228
12:00 PM	1	3	11	0	2	15	1	26	0	0	1	27	19	1	3	0	1	23	13	36	20	0	0	69	134
12:15 PM	2	4	14	0	0	20	1	30	1	0	1	32	15	2	3	0	1	20	14	28	22	0	0	64	136
12:30 PM	0	6	7	0	0	13	1	28	2	0	3	31	19	9	1	0	3	29	5	25	10	0	1	40	113
12:45 PM	3	2	8	0	0	13	2	37	2	0	0	41	12	3	2	0	3	17	7	29	15	0	2	51	122
Hourly Total	6	15	40	0	2	61	5	121	5	0	5	131	65	15	9	0	8	89	39	118	67	0	3	224	505
1:00 PM	1	3	8	0	1	12	1	43	0	0	1	44	19	7	3	0	0	29	16	24	16	0	4	56	141
1:15 PM	0	4	7	0	3	11	0	19	0	0	1	19	18	1	1	0	0	20	12	17	16	0	2	45	95
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	1	7	15	0	4	23	1	62	0	0	2	63	37	8	4	0	0	49	28	41	32	0	6	101	236
3:00 PM	0	9	12	0	1	21	1	31	2	0	0	34	20	5	1	0	1	26	15	31	24	0	1	70	151
3:15 PM	1	8	18	0	1	27	0	38	2	0	4	40	18	11	3	0	2	32	17	48	36	0	3	101	200
3:30 PM	7	18	45	0	5	70	4	26	1	0	9	31	19	5	0	0	2	24	16	45	43	0	26	104	229
3:45 PM	1	12	14	0	3	27	3	22	4	0	1	29	13	2	0	0	1	15	14	67	46	0	6	127	198
Hourly Total	9	47	89	0	10	145	8	117	9	0	14	134	70	23	4	0	6	97	62	191	149	0	36	402	778
4:00 PM	3	21	13	0	1	37	0	38	2	0	4	40	26	5	0	0	1	31	16	47	27	0	1	90	198
4:15 PM	3	4	18	0	2	25	4	37	3	0	2	44	19	3	6	0	3	28	17	58	47	0	8	122	219
4:30 PM	3	11	14	0	5	28	3	42	2	0	0	47	15	5	2	0	3	22	18	54	49	0	4	121	218
4:45 PM	0	6	9	0	6	15	0	34	1	0	5	35	18	5	1	0	4	24	35	53	27	0	1	115	189
Hourly Total	9	42	54	0	14	105	7	151	8	0	11	166	78	18	9	0	11	105	86	212	150	0	14	448	824
5:00 PM	0	4	6	0	0	10	3	47	0	0	2	50	17	1	1	0	3	19	16	53	38	0	0	107	186

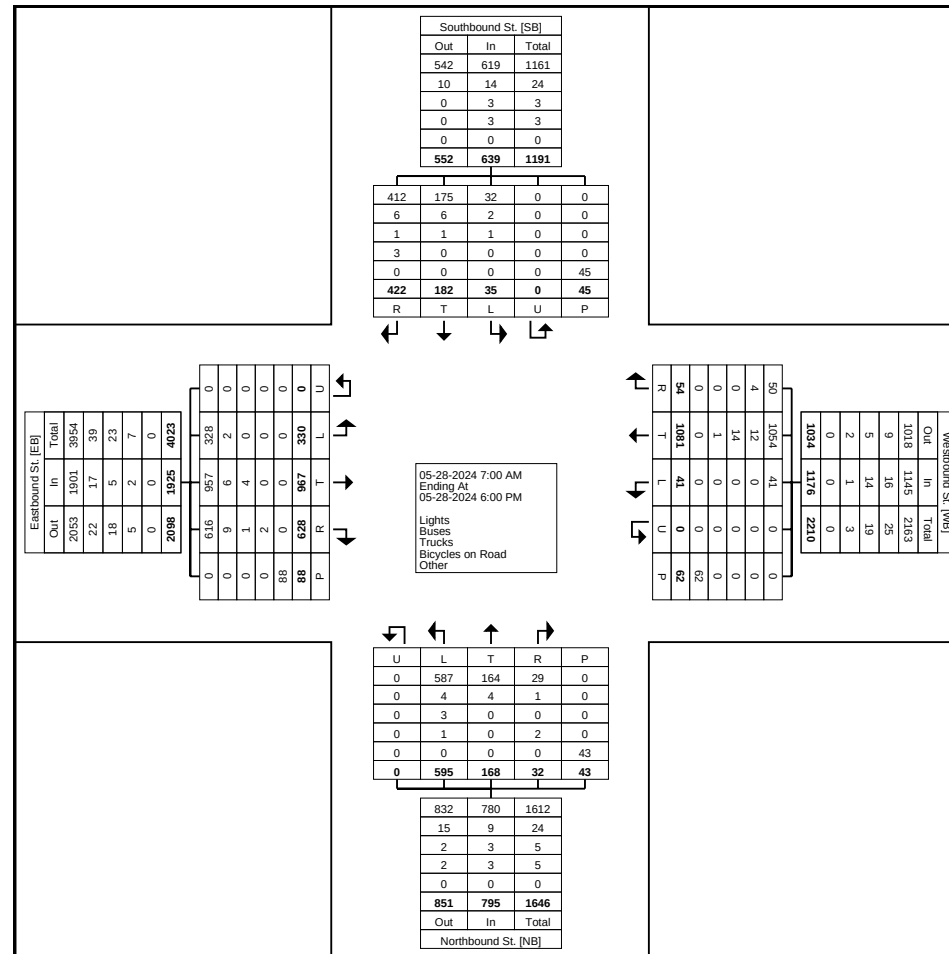
5:15 PM	0	4	2	0	1	6	2	44	2	0	1	48	16	6	0	0	0	22	23	58	42	0	1	123	199
5:30 PM	0	4	4	0	6	8	2	48	1	0	0	51	23	6	0	0	0	29	10	63	38	0	1	111	199
5:45 PM	0	2	11	0	3	13	3	42	4	0	3	49	35	6	0	0	2	41	14	58	20	0	0	92	195
Hourly Total	0	14	23	0	10	37	10	181	7	0	6	198	91	19	1	0	5	111	63	232	138	0	2	433	779
Grand Total	35	182	422	0	45	639	41	1081	54	0	62	1176	595	168	32	0	43	795	330	967	628	0	88	1925	4535
Approach %	5.5	28.5	66.0	0.0	-	-	3.5	91.9	4.6	0.0	-	-	74.8	21.1	4.0	0.0	-	-	17.1	50.2	32.6	0.0	-	-	-
Total %	0.8	4.0	9.3	0.0	-	14.1	0.9	23.8	1.2	0.0	-	25.9	13.1	3.7	0.7	0.0	-	17.5	7.3	21.3	13.8	0.0	-	42.4	-
Lights	32	175	412	0	-	619	41	1054	50	0	-	1145	587	164	29	0	-	780	328	957	616	0	-	1901	4445
% Lights	91.4	96.2	97.6	-	-	96.9	100.0	97.5	92.6	-	-	97.4	98.7	97.6	90.6	-	-	98.1	99.4	99.0	98.1	-	-	98.8	98.0
Buses	2	6	6	0	-	14	0	12	4	0	-	16	4	4	1	0	-	9	2	6	9	0	-	17	56
% Buses	5.7	3.3	1.4	-	-	2.2	0.0	1.1	7.4	-	-	1.4	0.7	2.4	3.1	-	-	1.1	0.6	0.6	1.4	-	-	0.9	1.2
Trucks	1	1	1	0	-	3	0	14	0	0	-	14	3	0	0	0	-	3	0	4	1	0	-	5	25
% Trucks	2.9	0.5	0.2	-	-	0.5	0.0	1.3	0.0	-	-	1.2	0.5	0.0	0.0	-	-	0.4	0.0	0.4	0.2	-	-	0.3	0.6
Bicycles on Road	0	0	3	0	-	3	0	1	0	0	-	1	1	0	2	0	-	3	0	0	2	0	-	2	9
% Bicycles on Road	0.0	0.0	0.7	-	-	0.5	0.0	0.1	0.0	-	-	0.1	0.2	0.0	6.3	-	-	0.4	0.0	0.0	0.3	-	-	0.1	0.2
Bicycles on Crosswalk	-	-	-	-	11	-	-	-	-	-	17	-	-	-	-	-	18	-	-	-	-	-	21	-	-
% Bicycles on Crosswalk	-	-	-	-	24.4	-	-	-	-	-	27.4	-	-	-	-	-	41.9	-	-	-	-	-	23.9	-	-
Pedestrians	-	-	-	-	34	-	-	-	-	-	45	-	-	-	-	-	25	-	-	-	-	-	67	-	-
% Pedestrians	-	-	-	-	75.6	-	-	-	-	-	72.6	-	-	-	-	-	58.1	-	-	-	-	-	76.1	-	-



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Count Name: 22 Street - Lindsay Avenue - AM,
NOON & PM
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Turning Movement Data Plot



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Turning Movement Peak Hour Data (8:00 AM)

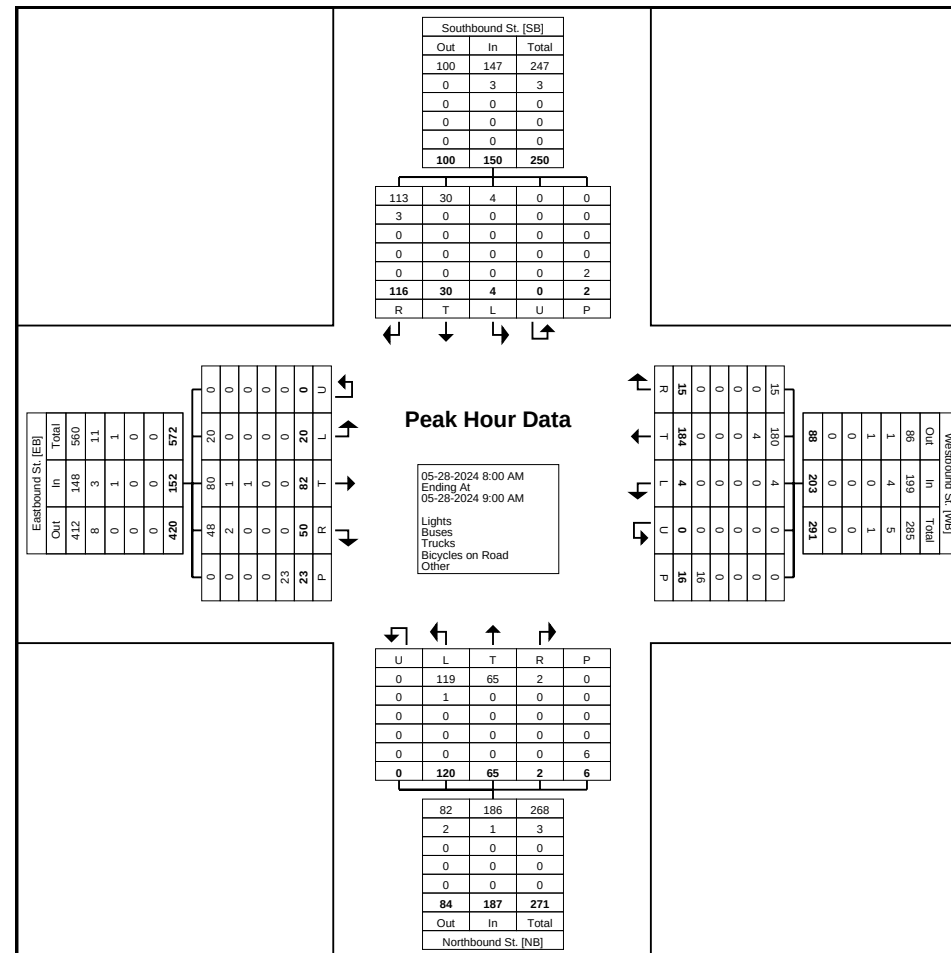
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
8:00 AM	1	1	21	0	1	23	3	49	2	0	1	54	30	6	0	0	0	36	4	20	11	0	4	35	148
8:15 AM	2	6	27	0	1	35	0	51	3	0	3	54	34	22	1	0	3	57	7	19	11	0	8	37	183
8:30 AM	1	11	39	0	0	51	0	58	6	0	12	64	25	29	1	0	0	55	6	25	14	0	9	45	215
8:45 AM	0	12	29	0	0	41	1	26	4	0	0	31	31	8	0	0	3	39	3	18	14	0	2	35	146
Total	4	30	116	0	2	150	4	184	15	0	16	203	120	65	2	0	6	187	20	82	50	0	23	152	692
Approach %	2.7	20.0	77.3	0.0	-	-	2.0	90.6	7.4	0.0	-	-	64.2	34.8	1.1	0.0	-	-	13.2	53.9	32.9	0.0	-	-	-
Total %	0.6	4.3	16.8	0.0	-	21.7	0.6	26.6	2.2	0.0	-	29.3	17.3	9.4	0.3	0.0	-	27.0	2.9	11.8	7.2	0.0	-	22.0	-
PHF	0.500	0.625	0.744	0.000	-	0.735	0.333	0.793	0.625	0.000	-	0.793	0.882	0.560	0.500	0.000	-	0.820	0.714	0.820	0.893	0.000	-	0.844	0.805
Lights	4	30	113	0	-	147	4	180	15	0	-	199	119	65	2	0	-	186	20	80	48	0	-	148	680
% Lights	100.0	100.0	97.4	-	-	98.0	100.0	97.8	100.0	-	-	98.0	99.2	100.0	100.0	-	-	99.5	100.0	97.6	96.0	-	-	97.4	98.3
Buses	0	0	3	0	-	3	0	4	0	0	-	4	1	0	0	0	-	1	0	1	2	0	-	3	11
% Buses	0.0	0.0	2.6	-	-	2.0	0.0	2.2	0.0	-	-	2.0	0.8	0.0	0.0	-	-	0.5	0.0	1.2	4.0	-	-	2.0	1.6
Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	1	0	0	-	1	1
% 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	0.0	1.2	0.0	-	-	0.7	0.1
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	-	-	-	-	-	3	-	-	-	-	-	2	-	-	-	-	-	6	-	-
% Bicycles on Crosswalk	-	-	-	-	50.0	-	-	-	-	-	18.8	-	-	-	-	-	33.3	-	-	-	-	-	26.1	-	-
Pedestrians	-	-	-	-	1	-	-	-	-	-	13	-	-	-	-	-	4	-	-	-	-	-	17	-	-
% Pedestrians	-	-	-	-	50.0	-	-	-	-	-	81.3	-	-	-	-	-	66.7	-	-	-	-	-	73.9	-	-



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



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Turning Movement Peak Hour Data (12:15 PM)

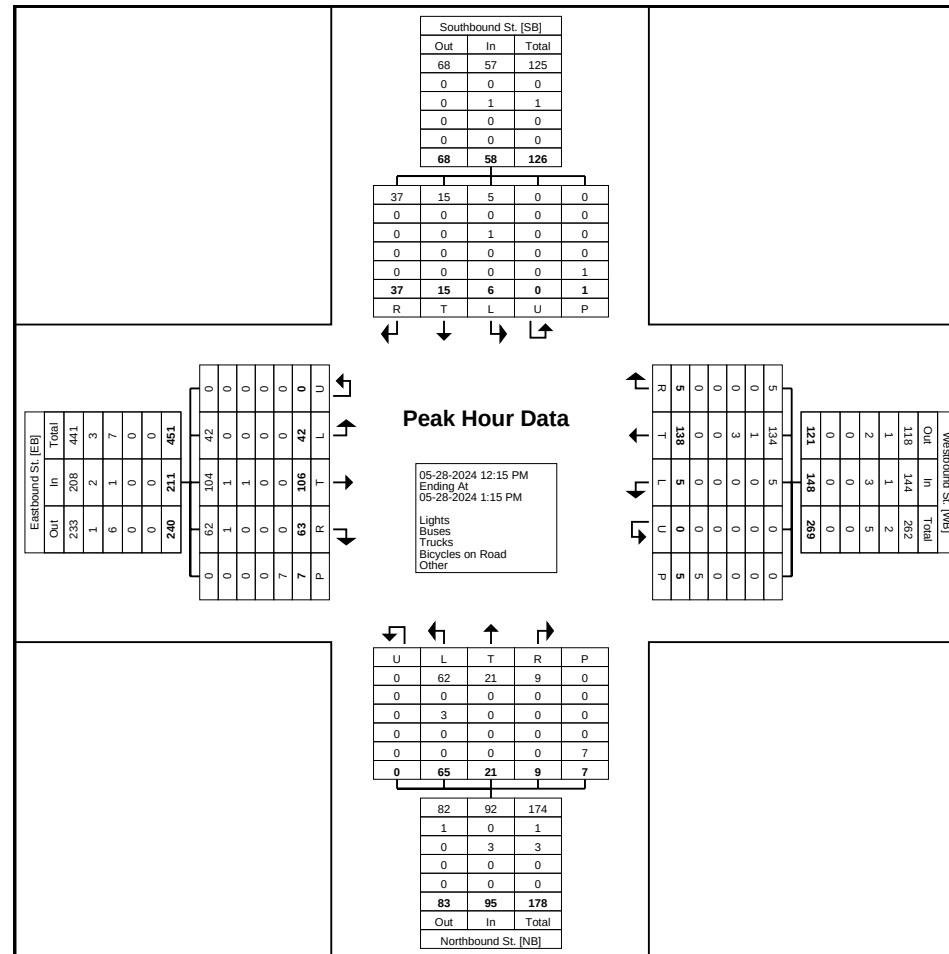
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
12:15 PM	2	4	14	0	0	20	1	30	1	0	1	32	15	2	3	0	1	20	14	28	22	0	0	64	136
12:30 PM	0	6	7	0	0	13	1	28	2	0	3	31	19	9	1	0	3	29	5	25	10	0	1	40	113
12:45 PM	3	2	8	0	0	13	2	37	2	0	0	41	12	3	2	0	3	17	7	29	15	0	2	51	122
1:00 PM	1	3	8	0	1	12	1	43	0	0	1	44	19	7	3	0	0	29	16	24	16	0	4	56	141
Total	6	15	37	0	1	58	5	138	5	0	5	148	65	21	9	0	7	95	42	106	63	0	7	211	512
Approach %	10.3	25.9	63.8	0.0	-	-	3.4	93.2	3.4	0.0	-	-	68.4	22.1	9.5	0.0	-	-	19.9	50.2	29.9	0.0	-	-	-
Total %	1.2	2.9	7.2	0.0	-	11.3	1.0	27.0	1.0	0.0	-	28.9	12.7	4.1	1.8	0.0	-	18.6	8.2	20.7	12.3	0.0	-	41.2	-
PHF	0.500	0.625	0.661	0.000	-	0.725	0.625	0.802	0.625	0.000	-	0.841	0.855	0.583	0.750	0.000	-	0.819	0.656	0.914	0.716	0.000	-	0.824	0.908
Lights	5	15	37	0	-	57	5	134	5	0	-	144	62	21	9	0	-	92	42	104	62	0	-	208	501
% Lights	83.3	100.0	100.0	-	-	98.3	100.0	97.1	100.0	-	-	97.3	95.4	100.0	100.0	-	-	96.8	100.0	98.1	98.4	-	-	98.6	97.9
Buses	0	0	0	0	-	0	0	1	0	0	-	1	0	0	0	0	-	0	0	1	1	0	-	2	3
% Buses	0.0	0.0	0.0	-	-	0.0	0.0	0.7	0.0	-	-	0.7	0.0	0.0	0.0	-	-	0.0	0.0	0.9	1.6	-	-	0.9	0.6
Trucks	1	0	0	0	-	1	0	3	0	0	-	3	3	0	0	0	-	3	0	1	0	0	-	1	8
% Trucks	16.7	0.0	0.0	-	-	1.7	0.0	2.2	0.0	-	-	2.0	4.6	0.0	0.0	-	-	3.2	0.0	0.9	0.0	-	-	0.5	1.6
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	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	40.0	-	-	-	-	-	0.0	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	1	-	-	-	-	-	3	-	-	-	-	-	7	-	-	-	-	-	7	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	60.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-



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Turning Movement Peak Hour Data Plot (12:15 PM)



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Turning Movement Peak Hour Data (3:30 PM)

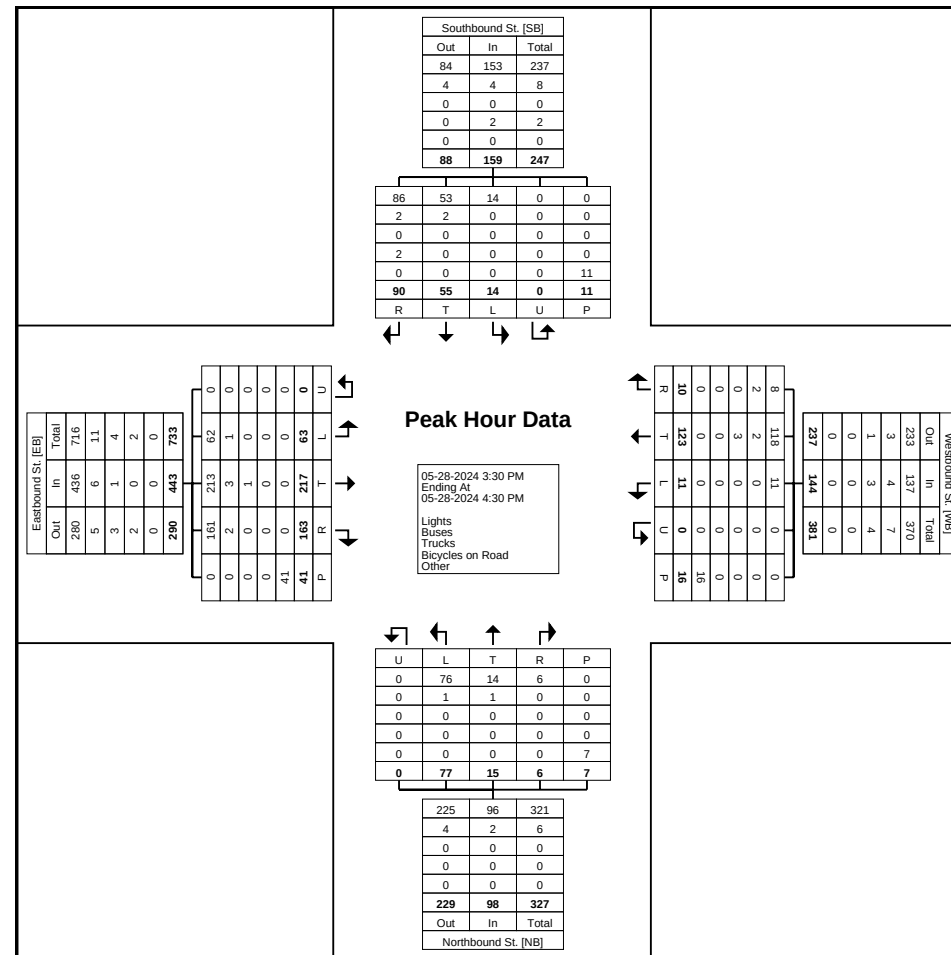
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	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
3:30 PM	7	18	45	0	5	70	4	26	1	0	9	31	19	5	0	0	2	24	16	45	43	0	26	104	229
3:45 PM	1	12	14	0	3	27	3	22	4	0	1	29	13	2	0	0	1	15	14	67	46	0	6	127	198
4:00 PM	3	21	13	0	1	37	0	38	2	0	4	40	26	5	0	0	1	31	16	47	27	0	1	90	198
4:15 PM	3	4	18	0	2	25	4	37	3	0	2	44	19	3	6	0	3	28	17	58	47	0	8	122	219
Total	14	55	90	0	11	159	11	123	10	0	16	144	77	15	6	0	7	98	63	217	163	0	41	443	844
Approach %	8.8	34.6	56.6	0.0	-	-	7.6	85.4	6.9	0.0	-	-	78.6	15.3	6.1	0.0	-	-	14.2	49.0	36.8	0.0	-	-	-
Total %	1.7	6.5	10.7	0.0	-	18.8	1.3	14.6	1.2	0.0	-	17.1	9.1	1.8	0.7	0.0	-	11.6	7.5	25.7	19.3	0.0	-	52.5	-
PHF	0.500	0.655	0.500	0.000	-	0.568	0.688	0.809	0.625	0.000	-	0.818	0.740	0.750	0.250	0.000	-	0.790	0.926	0.810	0.867	0.000	-	0.872	0.921
Lights	14	53	86	0	-	153	11	118	8	0	-	137	76	14	6	0	-	96	62	213	161	0	-	436	822
% Lights	100.0	96.4	95.6	-	-	96.2	100.0	95.9	80.0	-	-	95.1	98.7	93.3	100.0	-	-	98.0	98.4	98.2	98.8	-	-	98.4	97.4
Buses	0	2	2	0	-	4	0	2	2	0	-	4	1	1	0	0	-	2	1	3	2	0	-	6	16
% Buses	0.0	3.6	2.2	-	-	2.5	0.0	1.6	20.0	-	-	2.8	1.3	6.7	0.0	-	-	2.0	1.6	1.4	1.2	-	-	1.4	1.9
Trucks	0	0	0	0	-	0	0	3	0	0	-	3	0	0	0	0	-	0	0	1	0	0	-	1	4
% Trucks	0.0	0.0	0.0	-	-	0.0	0.0	2.4	0.0	-	-	2.1	0.0	0.0	0.0	-	-	0.0	0.0	0.5	0.0	-	-	0.2	0.5
Bicycles on Road	0	0	2	0	-	2	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	2
% Bicycles on Road	0.0	0.0	2.2	-	-	1.3	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 Crosswalk	-	-	-	-	4	-	-	-	-	-	5	-	-	-	-	-	1	-	-	-	-	-	6	-	-
% Bicycles on Crosswalk	-	-	-	-	36.4	-	-	-	-	-	31.3	-	-	-	-	-	14.3	-	-	-	-	-	14.6	-	-
Pedestrians	-	-	-	-	7	-	-	-	-	-	11	-	-	-	-	-	6	-	-	-	-	-	35	-	-
% Pedestrians	-	-	-	-	63.6	-	-	-	-	-	68.8	-	-	-	-	-	85.7	-	-	-	-	-	85.4	-	-



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 - Lindsay Avenue - AM,
NOON & PM
Site Code:
Start Date: 05-28-2024
Page No: 9



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