



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

Count Name: Grant Street - 59 Avenue - AM,
NOON & PM
Site Code:
Start Date: 10-02-2025
Page No: 1

Turning Movement Data

Start Time	Westbound St. Westbound					Northbound St. Northbound					Eastbound St. Eastbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
7:00 AM	8	3	0	0	11	8	5	0	0	13	5	9	0	0	14	38
7:15 AM	13	5	0	1	18	13	8	0	1	21	6	8	0	0	14	53
7:30 AM	18	12	0	7	30	14	10	0	5	24	16	24	0	0	40	94
7:45 AM	17	22	0	0	39	18	14	0	0	32	28	19	0	0	47	118
Hourly Total	56	42	0	8	98	53	37	0	6	90	55	60	0	0	115	303
8:00 AM	22	9	0	1	31	9	13	0	0	22	22	23	0	0	45	98
8:15 AM	26	9	0	0	35	12	6	0	2	18	17	24	0	1	41	94
8:30 AM	14	6	0	0	20	16	13	0	1	29	16	16	0	0	32	81
8:45 AM	10	3	0	1	13	10	11	0	1	21	10	15	0	0	25	59
Hourly Total	72	27	0	2	99	47	43	0	4	90	65	78	0	1	143	332
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	12	4	0	0	16	5	9	0	0	14	9	4	0	0	13	43
11:45 AM	7	6	0	2	13	15	9	0	0	24	19	5	0	0	24	61
Hourly Total	19	10	0	2	29	20	18	0	0	38	28	9	0	0	37	104
12:00 PM	16	16	0	1	32	11	9	0	0	20	28	14	0	0	42	94
12:15 PM	18	11	0	0	29	9	12	0	0	21	20	10	0	0	30	80
12:30 PM	18	11	0	0	29	14	9	0	0	23	23	16	0	0	39	91
12:45 PM	14	7	0	0	21	13	9	0	0	22	15	10	0	0	25	68
Hourly Total	66	45	0	1	111	47	39	0	0	86	86	50	0	0	136	333
1:00 PM	9	7	0	2	16	11	6	0	0	17	11	20	0	0	31	64
1:15 PM	11	5	0	2	16	12	7	0	0	19	7	5	0	1	12	47
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	20	12	0	4	32	23	13	0	0	36	18	25	0	1	43	111
3:00 PM	19	14	0	9	33	22	7	0	2	29	26	26	0	1	52	114
3:15 PM	13	12	0	0	25	28	22	0	0	50	18	16	0	0	34	109
3:30 PM	17	17	0	0	34	18	16	0	0	34	24	15	0	0	39	107
3:45 PM	13	6	0	2	19	21	7	0	2	28	28	13	0	2	41	88
Hourly Total	62	49	0	11	111	89	52	0	4	141	96	70	0	3	166	418
4:00 PM	19	10	0	5	29	18	9	0	5	27	20	16	0	0	36	92
4:15 PM	14	10	0	3	24	17	18	0	1	35	18	21	0	2	39	98
4:30 PM	29	9	0	2	38	13	7	0	0	20	18	28	0	2	46	104
4:45 PM	24	11	0	1	35	24	13	0	0	37	23	19	0	0	42	114
Hourly Total	86	40	0	11	126	72	47	0	6	119	79	84	0	4	163	408
5:00 PM	26	16	0	1	42	20	10	0	1	30	34	25	0	0	59	131
5:15 PM	14	5	0	1	19	26	12	0	0	38	27	21	0	1	48	105

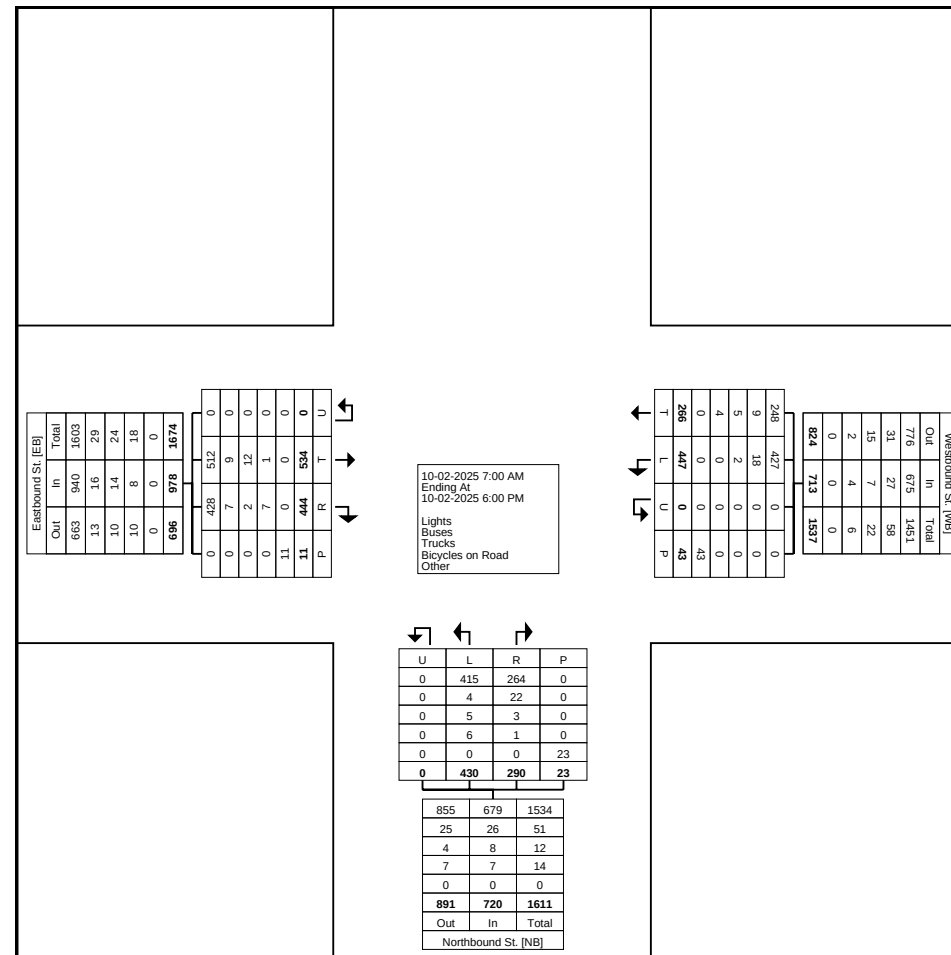
5:30 PM	15	8	0	2	23	15	13	0	2	28	22	11	0	1	33	84
5:45 PM	11	12	0	0	23	18	6	0	0	24	24	11	0	0	35	82
Hourly Total	66	41	0	4	107	79	41	0	3	120	107	68	0	2	175	402
Grand Total	447	266	0	43	713	430	290	0	23	720	534	444	0	11	978	2411
Approach %	62.7	37.3	0.0	-	-	59.7	40.3	0.0	-	-	54.6	45.4	0.0	-	-	-
Total %	18.5	11.0	0.0	-	29.6	17.8	12.0	0.0	-	29.9	22.1	18.4	0.0	-	40.6	-
Lights	427	248	0	-	675	415	264	0	-	679	512	428	0	-	940	2294
% Lights	95.5	93.2	-	-	94.7	96.5	91.0	-	-	94.3	95.9	96.4	-	-	96.1	95.1
Buses	18	9	0	-	27	4	22	0	-	26	9	7	0	-	16	69
% Buses	4.0	3.4	-	-	3.8	0.9	7.6	-	-	3.6	1.7	1.6	-	-	1.6	2.9
Trucks	2	5	0	-	7	5	3	0	-	8	12	2	0	-	14	29
% Trucks	0.4	1.9	-	-	1.0	1.2	1.0	-	-	1.1	2.2	0.5	-	-	1.4	1.2
Bicycles on Road	0	4	0	-	4	6	1	0	-	7	1	7	0	-	8	19
% Bicycles on Road	0.0	1.5	-	-	0.6	1.4	0.3	-	-	1.0	0.2	1.6	-	-	0.8	0.8
Bicycles on Crosswalk	-	-	-	1	-	-	-	-	2	-	-	-	-	1	-	-
% Bicycles on Crosswalk	-	-	-	2.3	-	-	-	-	8.7	-	-	-	-	9.1	-	-
Pedestrians	-	-	-	42	-	-	-	-	21	-	-	-	-	10	-	-
% Pedestrians	-	-	-	97.7	-	-	-	-	91.3	-	-	-	-	90.9	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (7:30 AM)

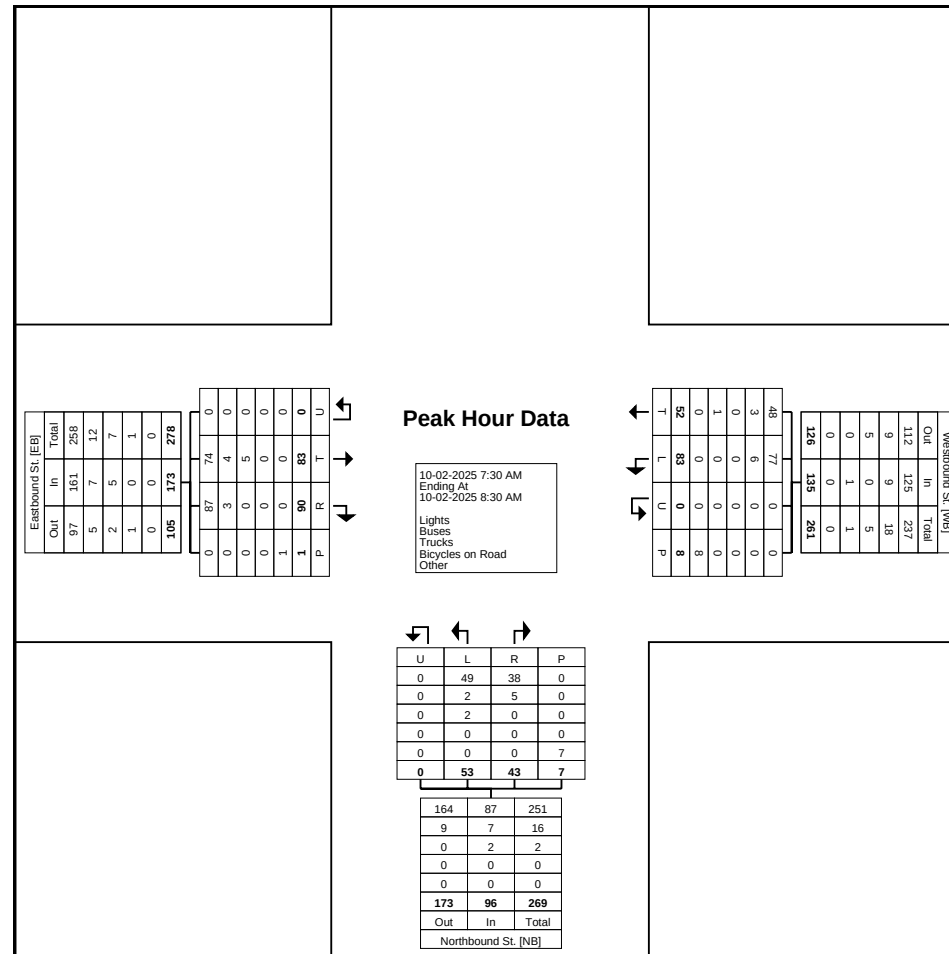
Start Time	Westbound St. Westbound					Northbound St. Northbound					Eastbound St. Eastbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
7:30 AM	18	12	0	7	30	14	10	0	5	24	16	24	0	0	40	94
7:45 AM	17	22	0	0	39	18	14	0	0	32	28	19	0	0	47	118
8:00 AM	22	9	0	1	31	9	13	0	0	22	22	23	0	0	45	98
8:15 AM	26	9	0	0	35	12	6	0	2	18	17	24	0	1	41	94
Total	83	52	0	8	135	53	43	0	7	96	83	90	0	1	173	404
Approach %	61.5	38.5	0.0	-	-	55.2	44.8	0.0	-	-	48.0	52.0	0.0	-	-	-
Total %	20.5	12.9	0.0	-	33.4	13.1	10.6	0.0	-	23.8	20.5	22.3	0.0	-	42.8	-
PHF	0.798	0.591	0.000	-	0.865	0.736	0.768	0.000	-	0.750	0.741	0.938	0.000	-	0.920	0.856
Lights	77	48	0	-	125	49	38	0	-	87	74	87	0	-	161	373
% Lights	92.8	92.3	-	-	92.6	92.5	88.4	-	-	90.6	89.2	96.7	-	-	93.1	92.3
Buses	6	3	0	-	9	2	5	0	-	7	4	3	0	-	7	23
% Buses	7.2	5.8	-	-	6.7	3.8	11.6	-	-	7.3	4.8	3.3	-	-	4.0	5.7
Trucks	0	0	0	-	0	2	0	0	-	2	5	0	0	-	5	7
% Trucks	0.0	0.0	-	-	0.0	3.8	0.0	-	-	2.1	6.0	0.0	-	-	2.9	1.7
Bicycles on Road	0	1	0	-	1	0	0	0	-	0	0	0	0	-	0	1
% Bicycles on Road	0.0	1.9	-	-	0.7	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.2
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	1	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	14.3	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	8	-	-	-	-	6	-	-	-	-	1	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	85.7	-	-	-	-	100.0	-	-



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Turning Movement Peak Hour Data (12:00 PM)

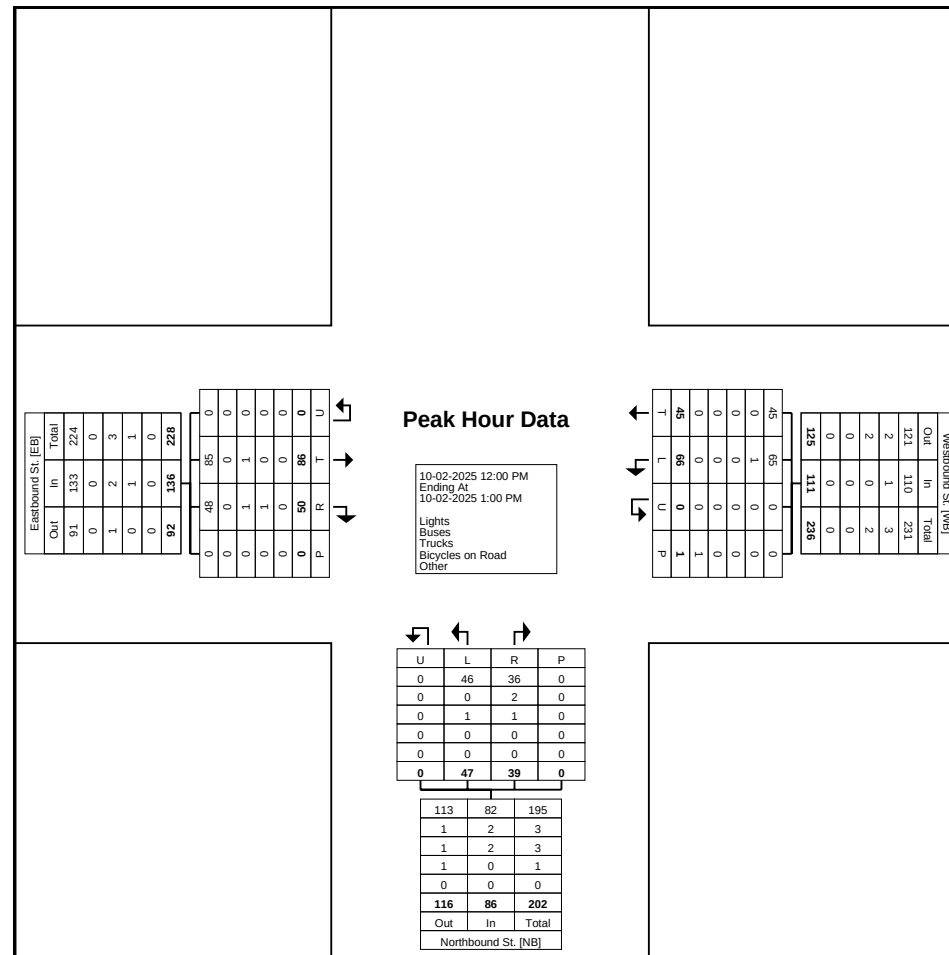
[illegible]



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Turning Movement Peak Hour Data (4:30 PM)

Start Time	Westbound St. Westbound					Northbound St. Northbound					Eastbound St. Eastbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
4:30 PM	29	9	0	2	38	13	7	0	0	20	18	28	0	2	46	104
4:45 PM	24	11	0	1	35	24	13	0	0	37	23	19	0	0	42	114
5:00 PM	26	16	0	1	42	20	10	0	1	30	34	25	0	0	59	131
5:15 PM	14	5	0	1	19	26	12	0	0	38	27	21	0	1	48	105
Total	93	41	0	5	134	83	42	0	1	125	102	93	0	3	195	454
Approach %	69.4	30.6	0.0	-	-	66.4	33.6	0.0	-	-	52.3	47.7	0.0	-	-	-
Total %	20.5	9.0	0.0	-	29.5	18.3	9.3	0.0	-	27.5	22.5	20.5	0.0	-	43.0	-
PHF	0.802	0.641	0.000	-	0.798	0.798	0.808	0.000	-	0.822	0.750	0.830	0.000	-	0.826	0.866
Lights	92	40	0	-	132	82	40	0	-	122	101	90	0	-	191	445
% Lights	98.9	97.6	-	-	98.5	98.8	95.2	-	-	97.6	99.0	96.8	-	-	97.9	98.0
Buses	1	0	0	-	1	0	2	0	-	2	0	0	0	-	0	3
% Buses	1.1	0.0	-	-	0.7	0.0	4.8	-	-	1.6	0.0	0.0	-	-	0.0	0.7
Trucks	0	1	0	-	1	0	0	0	-	0	0	0	0	-	0	1
% Trucks	0.0	2.4	-	-	0.7	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.2
Bicycles on Road	0	0	0	-	0	1	0	0	-	1	1	3	0	-	4	5
% Bicycles on Road	0.0	0.0	-	-	0.0	1.2	0.0	-	-	0.8	1.0	3.2	-	-	2.1	1.1
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	0.0	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	5	-	-	-	-	1	-	-	-	-	3	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	100.0	-	-



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