



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

Count Name: Austin Drive - 40 Avenue - AM,
NOON & PM
Site Code:
Start Date: 06-04-2024
Page No: 1

Turning Movement Data

Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					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	3	50	0	0	53	5	21	0	6	26	91	0	0	0	91	170
7:15 AM	4	63	0	0	67	3	31	0	1	34	125	2	0	0	127	228
7:30 AM	5	86	0	0	91	5	41	0	2	46	171	0	0	0	171	308
7:45 AM	8	101	0	0	109	6	68	0	2	74	206	1	0	0	207	390
Hourly Total	20	300	0	0	320	19	161	0	11	180	593	3	0	0	596	1096
8:00 AM	9	81	0	0	90	3	43	0	4	46	195	1	0	0	196	332
8:15 AM	12	91	0	0	103	6	51	0	2	57	198	1	0	0	199	359
8:30 AM	18	137	0	0	155	3	45	0	3	48	194	2	0	0	196	399
8:45 AM	14	142	0	0	156	4	32	0	1	36	167	4	0	0	171	363
Hourly Total	53	451	0	0	504	16	171	0	10	187	754	8	0	0	762	1453
9:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
11:30 AM	14	103	0	0	117	6	23	0	0	29	111	5	0	0	116	262
11:45 AM	17	86	0	0	103	4	25	0	0	29	108	6	0	0	114	246
Hourly Total	31	189	0	0	220	10	48	0	0	58	219	11	0	0	230	508
12:00 PM	36	109	0	0	145	3	15	0	2	18	124	4	0	0	128	291
12:15 PM	32	135	0	0	167	3	27	0	0	30	104	4	0	0	108	305
12:30 PM	15	110	0	0	125	1	22	0	2	23	103	6	0	0	109	257
12:45 PM	17	94	0	0	111	3	33	0	2	36	119	10	0	0	129	276
Hourly Total	100	448	0	0	548	10	97	0	6	107	450	24	0	0	474	1129
1:00 PM	16	101	0	0	117	4	18	0	2	22	95	5	0	0	100	239
1:15 PM	25	82	0	0	107	3	22	0	4	25	107	6	0	0	113	245
1:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	41	184	0	0	225	7	40	0	6	47	202	11	0	0	213	485
3:00 PM	24	131	0	0	155	3	22	0	0	25	115	3	0	0	118	298
3:15 PM	30	138	0	0	168	0	24	0	0	24	143	2	0	0	145	337
3:30 PM	31	182	0	0	213	2	21	0	4	23	145	8	0	0	153	389
3:45 PM	38	216	0	0	254	2	16	0	7	18	151	7	0	0	158	430
Hourly Total	123	667	0	0	790	7	83	0	11	90	554	20	0	0	574	1454
4:00 PM	33	188	0	0	221	1	22	0	3	23	119	7	0	0	126	370
4:15 PM	41	191	0	0	232	4	28	0	4	32	156	7	0	0	163	427
4:30 PM	41	193	0	0	234	2	29	0	2	31	185	6	0	0	191	456
4:45 PM	64	217	0	0	281	4	20	0	7	24	146	10	0	0	156	461

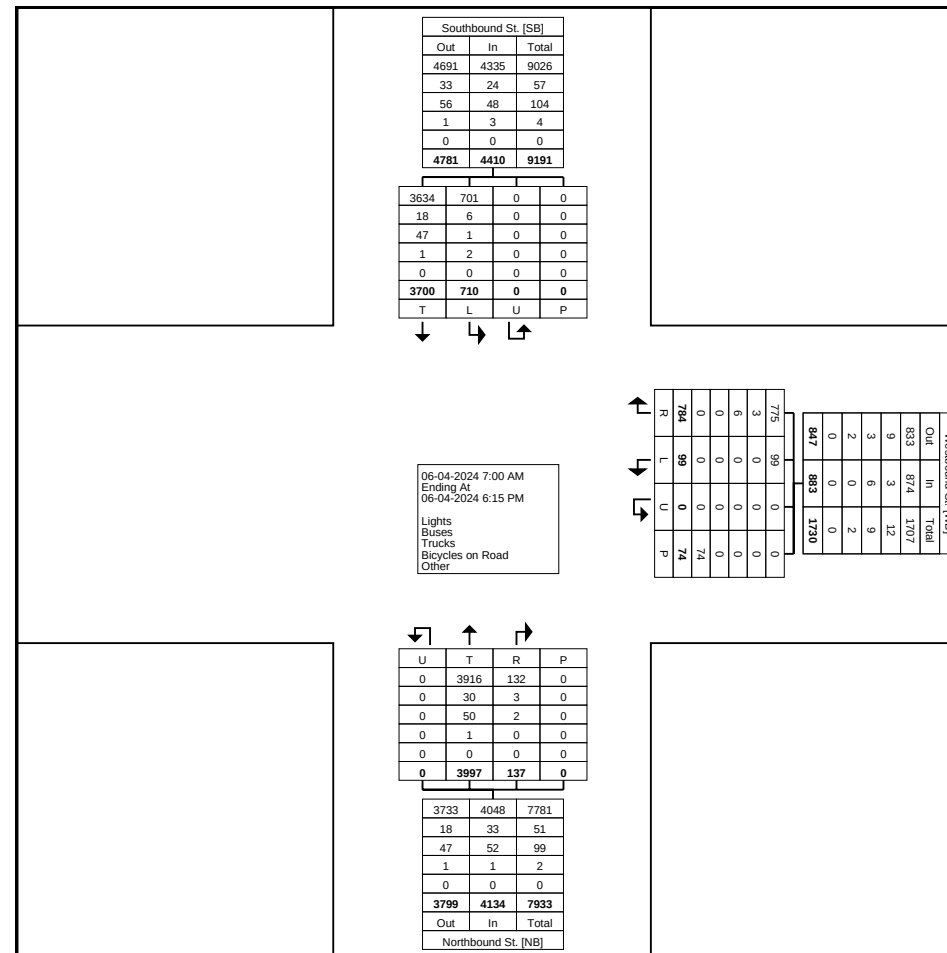
Hourly Total	179	789	0	0	968	11	99	0	16	110	606	30	0	0	636	1714
5:00 PM	54	203	0	0	257	5	23	0	4	28	168	7	0	0	175	460
5:15 PM	46	171	0	0	217	3	16	0	8	19	162	8	0	0	170	406
5:30 PM	33	153	0	0	186	7	16	0	2	23	158	8	0	0	166	375
5:45 PM	30	145	0	0	175	4	30	0	0	34	130	7	0	0	137	346
Hourly Total	163	672	0	0	835	19	85	0	14	104	618	30	0	0	648	1587
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	710	3700	0	0	4410	99	784	0	74	883	3997	137	0	0	4134	9427
Approach %	16.1	83.9	0.0	-	-	11.2	88.8	0.0	-	-	96.7	3.3	0.0	-	-	-
Total %	7.5	39.2	0.0	-	46.8	1.1	8.3	0.0	-	9.4	42.4	1.5	0.0	-	43.9	-
Lights	701	3634	0	-	4335	99	775	0	-	874	3916	132	0	-	4048	9257
% Lights	98.7	98.2	-	-	98.3	100.0	98.9	-	-	99.0	98.0	96.4	-	-	97.9	98.2
Buses	6	18	0	-	24	0	3	0	-	3	30	3	0	-	33	60
% Buses	0.8	0.5	-	-	0.5	0.0	0.4	-	-	0.3	0.8	2.2	-	-	0.8	0.6
Trucks	1	47	0	-	48	0	6	0	-	6	50	2	0	-	52	106
% Trucks	0.1	1.3	-	-	1.1	0.0	0.8	-	-	0.7	1.3	1.5	-	-	1.3	1.1
Bicycles on Road	2	1	0	-	3	0	0	0	-	0	1	0	0	-	1	4
% Bicycles on Road	0.3	0.0	-	-	0.1	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	52	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	70.3	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	22	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	29.7	-	-	-	-	-	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (7:45 AM)

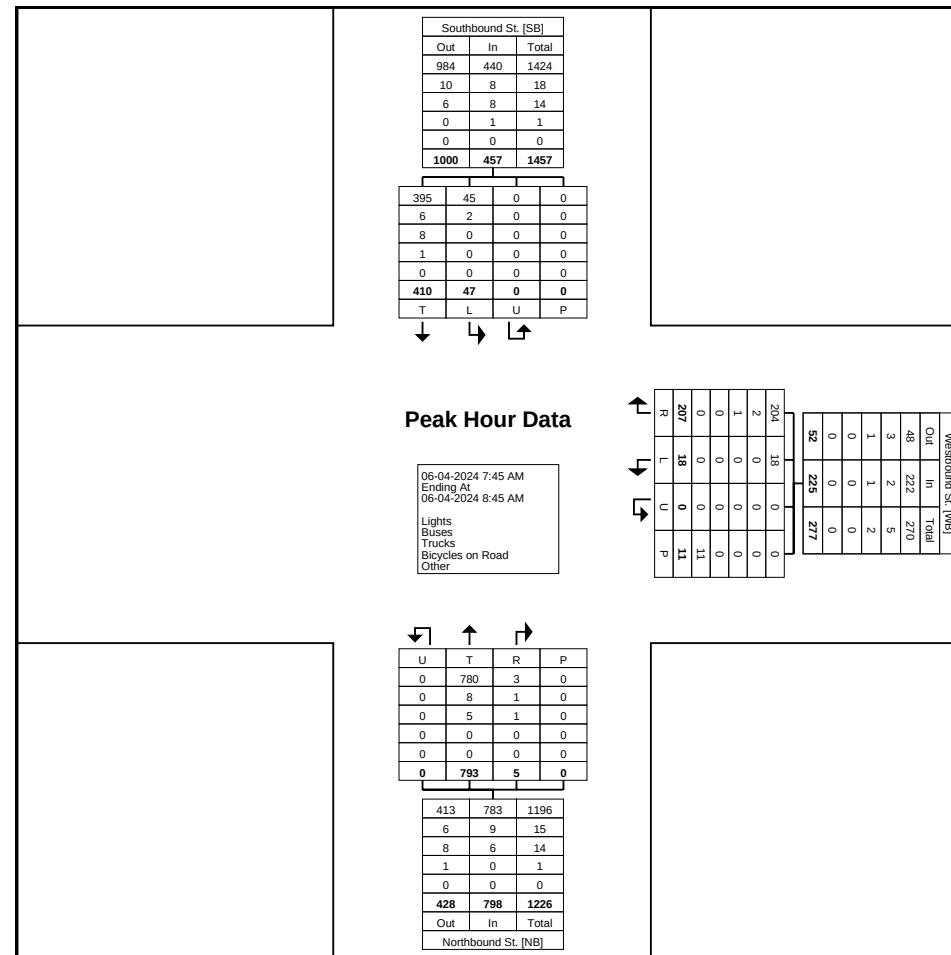
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
7:45 AM	8	101	0	0	109	6	68	0	2	74	206	1	0	0	207	390
8:00 AM	9	81	0	0	90	3	43	0	4	46	195	1	0	0	196	332
8:15 AM	12	91	0	0	103	6	51	0	2	57	198	1	0	0	199	359
8:30 AM	18	137	0	0	155	3	45	0	3	48	194	2	0	0	196	399
Total	47	410	0	0	457	18	207	0	11	225	793	5	0	0	798	1480
Approach %	10.3	89.7	0.0	-	-	8.0	92.0	0.0	-	-	99.4	0.6	0.0	-	-	-
Total %	3.2	27.7	0.0	-	30.9	1.2	14.0	0.0	-	15.2	53.6	0.3	0.0	-	53.9	-
PHF	0.653	0.748	0.000	-	0.737	0.750	0.761	0.000	-	0.760	0.962	0.625	0.000	-	0.964	0.927
Lights	45	395	0	-	440	18	204	0	-	222	780	3	0	-	783	1445
% Lights	95.7	96.3	-	-	96.3	100.0	98.6	-	-	98.7	98.4	60.0	-	-	98.1	97.6
Buses	2	6	0	-	8	0	2	0	-	2	8	1	0	-	9	19
% Buses	4.3	1.5	-	-	1.8	0.0	1.0	-	-	0.9	1.0	20.0	-	-	1.1	1.3
Trucks	0	8	0	-	8	0	1	0	-	1	5	1	0	-	6	15
% Trucks	0.0	2.0	-	-	1.8	0.0	0.5	-	-	0.4	0.6	20.0	-	-	0.8	1.0
Bicycles on Road	0	1	0	-	1	0	0	0	-	0	0	0	0	-	0	1
% Bicycles on Road	0.0	0.2	-	-	0.2	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.1
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	11	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-



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Turning Movement Peak Hour Data (12:00 PM)

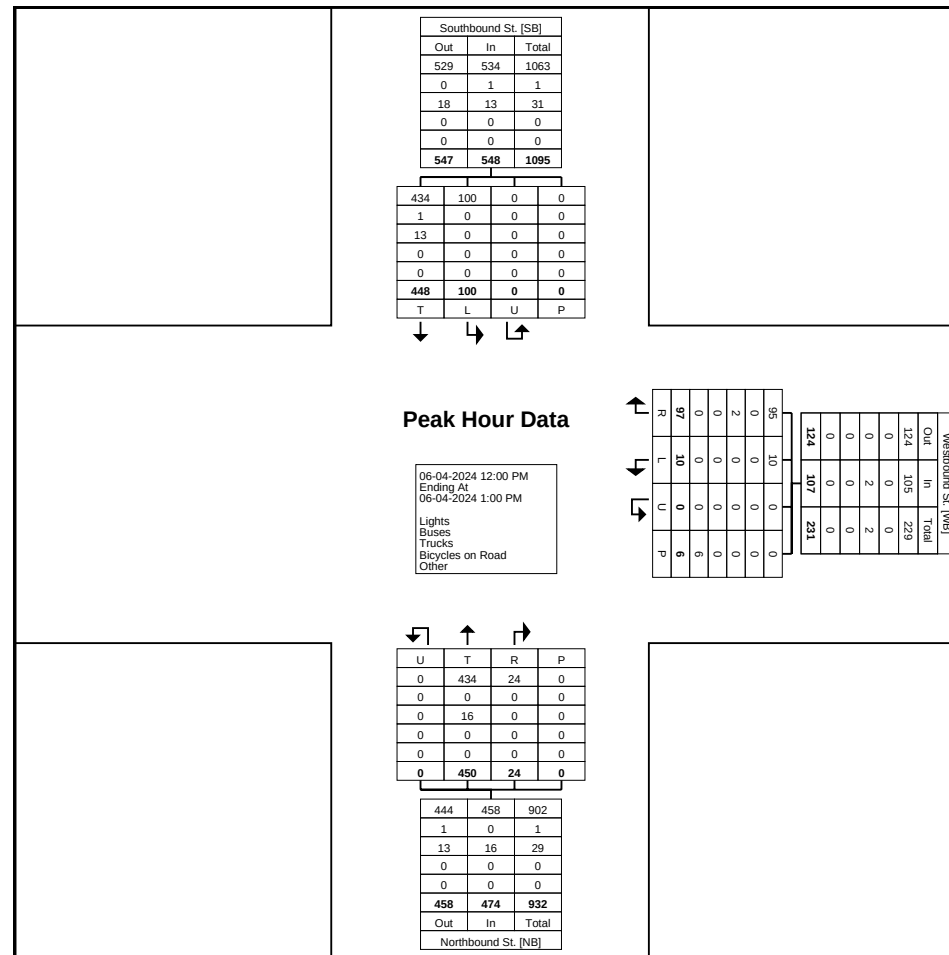
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
12:00 PM	36	109	0	0	145	3	15	0	2	18	124	4	0	0	128	291
12:15 PM	32	135	0	0	167	3	27	0	0	30	104	4	0	0	108	305
12:30 PM	15	110	0	0	125	1	22	0	2	23	103	6	0	0	109	257
12:45 PM	17	94	0	0	111	3	33	0	2	36	119	10	0	0	129	276
Total	100	448	0	0	548	10	97	0	6	107	450	24	0	0	474	1129
Approach %	18.2	81.8	0.0	-	-	9.3	90.7	0.0	-	-	94.9	5.1	0.0	-	-	-
Total %	8.9	39.7	0.0	-	48.5	0.9	8.6	0.0	-	9.5	39.9	2.1	0.0	-	42.0	-
PHF	0.694	0.830	0.000	-	0.820	0.833	0.735	0.000	-	0.743	0.907	0.600	0.000	-	0.919	0.925
Lights	100	434	0	-	534	10	95	0	-	105	434	24	0	-	458	1097
% Lights	100.0	96.9	-	-	97.4	100.0	97.9	-	-	98.1	96.4	100.0	-	-	96.6	97.2
Buses	0	1	0	-	1	0	0	0	-	0	0	0	0	-	0	1
% Buses	0.0	0.2	-	-	0.2	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.1
Trucks	0	13	0	-	13	0	2	0	-	2	16	0	0	-	16	31
% Trucks	0.0	2.9	-	-	2.4	0.0	2.1	-	-	1.9	3.6	0.0	-	-	3.4	2.7
Bicycles on Road	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
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	3	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	50.0	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	3	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	50.0	-	-	-	-	-	-	-



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Turning Movement Peak Hour Data (4:15 PM)

Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Int. Total
	Left	Thru	U-Turn	Peds	App. Total	Left	Right	U-Turn	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
4:15 PM	41	191	0	0	232	4	28	0	4	32	156	7	0	0	163	427
4:30 PM	41	193	0	0	234	2	29	0	2	31	185	6	0	0	191	456
4:45 PM	64	217	0	0	281	4	20	0	7	24	146	10	0	0	156	461
5:00 PM	54	203	0	0	257	5	23	0	4	28	168	7	0	0	175	460
Total	200	804	0	0	1004	15	100	0	17	115	655	30	0	0	685	1804
Approach %	19.9	80.1	0.0	-	-	13.0	87.0	0.0	-	-	95.6	4.4	0.0	-	-	-
Total %	11.1	44.6	0.0	-	55.7	0.8	5.5	0.0	-	6.4	36.3	1.7	0.0	-	38.0	-
PHF	0.781	0.926	0.000	-	0.893	0.750	0.862	0.000	-	0.898	0.885	0.750	0.000	-	0.897	0.978
Lights	199	799	0	-	998	15	100	0	-	115	651	30	0	-	681	1794
% Lights	99.5	99.4	-	-	99.4	100.0	100.0	-	-	100.0	99.4	100.0	-	-	99.4	99.4
Buses	1	2	0	-	3	0	0	0	-	0	4	0	0	-	4	7
% Buses	0.5	0.2	-	-	0.3	0.0	0.0	-	-	0.0	0.6	0.0	-	-	0.6	0.4
Trucks	0	3	0	-	3	0	0	0	-	0	0	0	0	-	0	3
% Trucks	0.0	0.4	-	-	0.3	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.2
Bicycles on Road	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
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	12	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	70.6	-	-	-	-	-	-	-
Pedestrians	-	-	-	0	-	-	-	-	5	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	29.4	-	-	-	-	-	-	-



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