



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

Count Name: 55 Street - 42A Avenue - AM,
NOON & PM
Site Code:
Start Date: 09-18-2025
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	7	1	12	0	0	20	0	68	19	0	0	87	0	2	0	0	2	2	11	31	0	0	0	42	151
7:15 AM	1	0	6	0	1	7	0	84	14	0	4	98	1	0	0	0	1	1	8	31	0	0	0	39	145
7:30 AM	4	0	8	0	2	12	0	115	25	0	1	140	0	1	0	0	1	1	17	36	1	0	0	54	207
7:45 AM	18	0	29	0	3	47	2	115	69	0	22	186	0	5	1	0	9	6	54	52	3	0	5	109	348
Hourly Total	30	1	55	0	6	86	2	382	127	0	27	511	1	8	1	0	13	10	90	150	4	0	5	244	851
8:00 AM	36	2	51	0	31	89	1	118	90	0	15	209	1	14	1	0	3	16	62	50	2	0	8	114	428
8:15 AM	45	12	76	0	11	133	3	123	63	0	39	189	3	19	5	0	12	27	63	51	9	0	13	123	472
8:30 AM	67	4	79	0	1	150	0	82	67	0	5	149	0	3	0	0	4	3	34	54	3	0	10	91	393
8:45 AM	10	0	21	0	0	31	0	99	11	0	4	110	1	2	0	0	0	3	16	34	0	0	0	50	194
Hourly Total	158	18	227	0	43	403	4	422	231	0	63	657	5	38	6	0	19	49	175	189	14	0	31	378	1487
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	11	1	14	0	26	26	0	37	10	0	5	47	1	0	2	0	2	3	6	57	1	0	0	64	140
11:45 AM	10	0	15	0	15	25	0	48	14	0	14	62	0	0	0	0	3	0	8	53	2	0	1	63	150
Hourly Total	21	1	29	0	41	51	0	85	24	0	19	109	1	0	2	0	5	3	14	110	3	0	1	127	290
12:00 PM	11	1	9	0	17	21	1	55	18	0	8	74	1	1	1	0	1	3	13	79	0	0	0	92	190
12:15 PM	12	3	12	0	5	27	0	43	13	0	8	56	0	3	2	0	3	5	14	45	0	0	2	59	147
12:30 PM	9	1	5	0	1	15	0	70	6	0	26	76	0	2	0	0	2	2	10	51	0	0	0	61	154
12:45 PM	7	1	3	0	0	11	0	65	12	0	1	77	1	1	1	0	0	3	6	56	1	0	1	63	154
Hourly Total	39	6	29	0	23	74	1	233	49	0	43	283	2	7	4	0	6	13	43	231	1	0	3	275	645
1:00 PM	7	1	7	0	1	15	0	58	7	0	1	65	0	0	0	0	2	0	15	49	1	0	2	65	145
1:15 PM	3	1	4	0	1	8	0	59	18	0	2	77	2	0	0	0	0	2	10	52	0	0	0	62	149
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	10	2	11	0	2	23	0	117	25	0	3	142	2	0	0	0	2	2	25	101	1	0	2	127	294
3:00 PM	23	0	28	0	6	51	0	71	37	0	3	108	0	8	1	0	2	9	47	90	4	0	2	141	309
3:15 PM	102	9	121	0	65	232	2	75	31	0	60	108	3	5	10	0	8	18	28	102	1	0	15	131	489
3:30 PM	53	7	49	0	3	109	0	65	10	0	9	75	3	0	1	0	3	4	13	82	2	0	2	97	285
3:45 PM	29	1	18	0	5	48	1	77	4	0	1	82	1	1	1	0	1	3	15	89	1	0	1	105	238
Hourly Total	207	17	216	0	79	440	3	288	82	0	73	373	7	14	13	0	14	34	103	363	8	0	20	474	1321
4:00 PM	12	1	11	0	2	24	0	69	8	0	0	77	0	0	0	0	1	0	10	83	3	0	2	96	197
4:15 PM	17	0	9	0	2	26	1	64	9	0	1	74	0	1	1	0	1	2	12	75	1	0	1	88	190
4:30 PM	18	0	15	0	3	33	1	77	14	0	1	92	1	5	2	0	0	8	13	114	2	0	0	129	262
4:45 PM	13	0	22	0	4	35	0	68	24	0	3	92	1	1	0	0	1	2	23	112	0	0	0	135	264
Hourly Total	60	1	57	0	11	118	2	278	55	0	5	335	2	7	3	0	3	12	58	384	6	0	3	448	913
5:00 PM	27	3	9	0	4	39	1	70	21	0	4	92	1	1	0	0	0	2	16	91	1	0	0	108	241

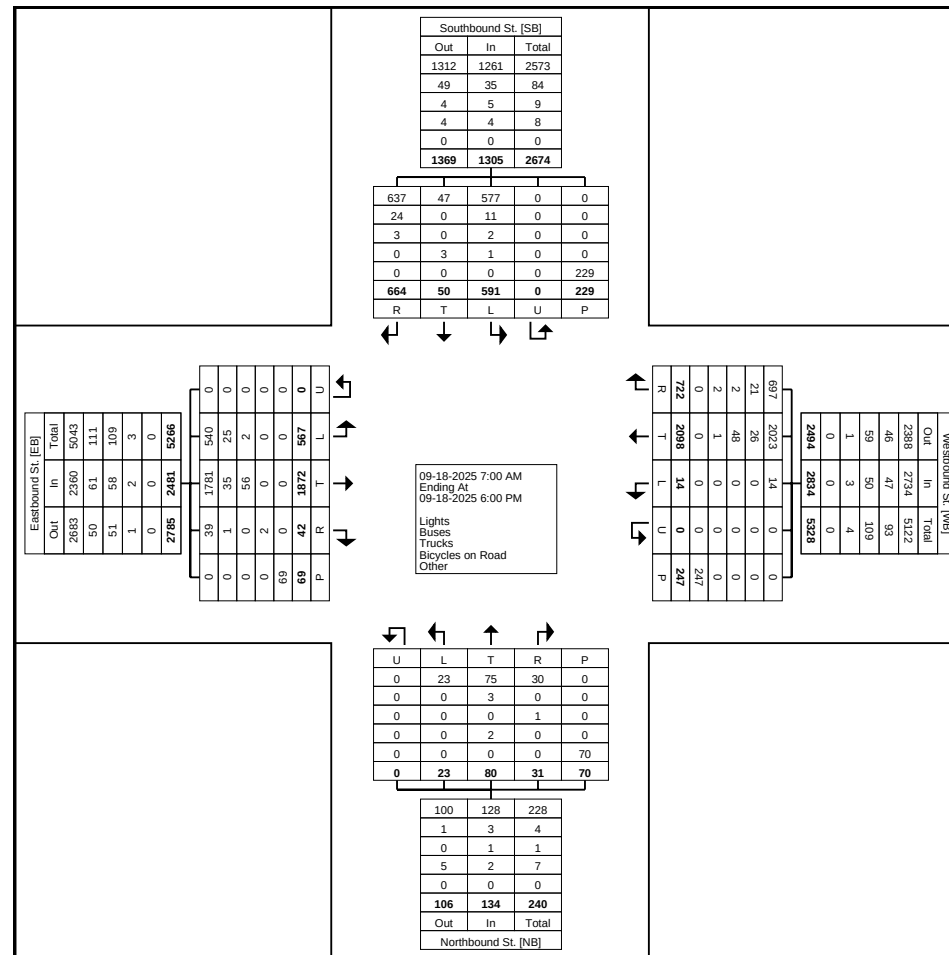
5:15 PM	19	1	13	0	3	33	0	72	35	0	1	107	2	1	1	0	1	4	14	97	1	0	0	112	256
5:30 PM	8	0	12	0	12	20	1	68	40	0	5	109	0	3	0	0	2	3	14	83	3	0	0	100	232
5:45 PM	12	0	6	0	5	18	0	83	33	0	4	116	0	1	1	0	5	2	15	73	0	0	4	88	224
Hourly Total	66	4	40	0	24	110	2	293	129	0	14	424	3	6	2	0	8	11	59	344	5	0	4	408	953
Grand Total	591	50	664	0	229	1305	14	2098	722	0	247	2834	23	80	31	0	70	134	567	1872	42	0	69	2481	6754
Approach %	45.3	3.8	50.9	0.0	-	-	0.5	74.0	25.5	0.0	-	-	17.2	59.7	23.1	0.0	-	-	22.9	75.5	1.7	0.0	-	-	-
Total %	8.8	0.7	9.8	0.0	-	19.3	0.2	31.1	10.7	0.0	-	42.0	0.3	1.2	0.5	0.0	-	2.0	8.4	27.7	0.6	0.0	-	36.7	-
Lights	577	47	637	0	-	1261	14	2023	697	0	-	2734	23	75	30	0	-	128	540	1781	39	0	-	2360	6483
% Lights	97.6	94.0	95.9	-	-	96.6	100.0	96.4	96.5	-	-	96.5	100.0	93.8	96.8	-	-	95.5	95.2	95.1	92.9	-	-	95.1	96.0
Buses	11	0	24	0	-	35	0	26	21	0	-	47	0	3	0	0	-	3	25	35	1	0	-	61	146
% Buses	1.9	0.0	3.6	-	-	2.7	0.0	1.2	2.9	-	-	1.7	0.0	3.8	0.0	-	-	2.2	4.4	1.9	2.4	-	-	2.5	2.2
Trucks	2	0	3	0	-	5	0	48	2	0	-	50	0	0	1	0	-	1	2	56	0	0	-	58	114
% Trucks	0.3	0.0	0.5	-	-	0.4	0.0	2.3	0.3	-	-	1.8	0.0	0.0	3.2	-	-	0.7	0.4	3.0	0.0	-	-	2.3	1.7
Bicycles on Road	1	3	0	0	-	4	0	1	2	0	-	3	0	2	0	0	-	2	0	0	2	0	-	2	11
% Bicycles on Road	0.2	6.0	0.0	-	-	0.3	0.0	0.0	0.3	-	-	0.1	0.0	2.5	0.0	-	-	1.5	0.0	0.0	4.8	-	-	0.1	0.2
Bicycles on Crosswalk	-	-	-	-	16	-	-	-	-	-	10	-	-	-	-	-	16	-	-	-	-	-	7	-	-
% Bicycles on Crosswalk	-	-	-	-	7.0	-	-	-	-	-	4.0	-	-	-	-	-	22.9	-	-	-	-	-	10.1	-	-
Pedestrians	-	-	-	-	213	-	-	-	-	-	237	-	-	-	-	-	54	-	-	-	-	-	62	-	-
% Pedestrians	-	-	-	-	93.0	-	-	-	-	-	96.0	-	-	-	-	-	77.1	-	-	-	-	-	89.9	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (7:45 AM)

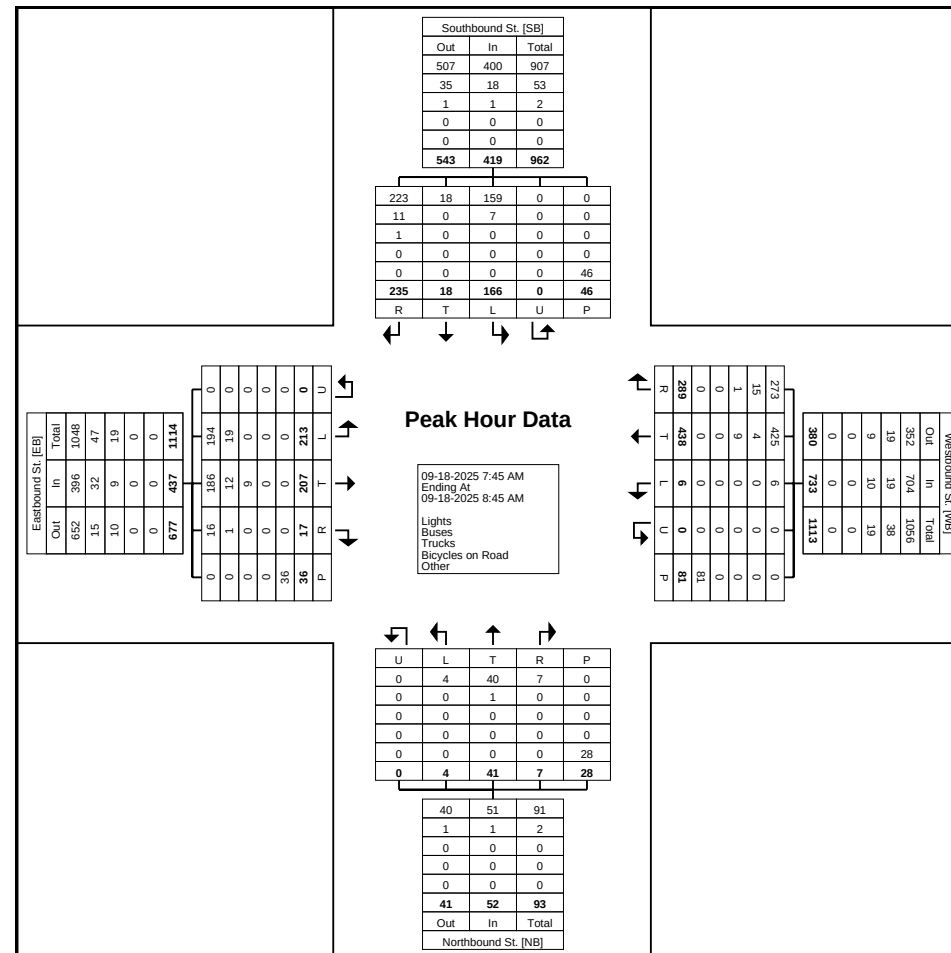
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
7:45 AM	18	0	29	0	3	47	2	115	69	0	22	186	0	5	1	0	9	6	54	52	3	0	5	109	348
8:00 AM	36	2	51	0	31	89	1	118	90	0	15	209	1	14	1	0	3	16	62	50	2	0	8	114	428
8:15 AM	45	12	76	0	11	133	3	123	63	0	39	189	3	19	5	0	12	27	63	51	9	0	13	123	472
8:30 AM	67	4	79	0	1	150	0	82	67	0	5	149	0	3	0	0	4	3	34	54	3	0	10	91	393
Total	166	18	235	0	46	419	6	438	289	0	81	733	4	41	7	0	28	52	213	207	17	0	36	437	1641
Approach %	39.6	4.3	56.1	0.0	-	-	0.8	59.8	39.4	0.0	-	-	7.7	78.8	13.5	0.0	-	-	48.7	47.4	3.9	0.0	-	-	-
Total %	10.1	1.1	14.3	0.0	-	25.5	0.4	26.7	17.6	0.0	-	44.7	0.2	2.5	0.4	0.0	-	3.2	13.0	12.6	1.0	0.0	-	26.6	-
PHF	0.619	0.375	0.744	0.000	-	0.698	0.500	0.890	0.803	0.000	-	0.877	0.333	0.539	0.350	0.000	-	0.481	0.845	0.958	0.472	0.000	-	0.888	0.869
Lights	159	18	223	0	-	400	6	425	273	0	-	704	4	40	7	0	-	51	194	186	16	0	-	396	1551
% Lights	95.8	100.0	94.9	-	-	95.5	100.0	97.0	94.5	-	-	96.0	100.0	97.6	100.0	-	-	98.1	91.1	89.9	94.1	-	-	90.6	94.5
Buses	7	0	11	0	-	18	0	4	15	0	-	19	0	1	0	0	-	1	19	12	1	0	-	32	70
% Buses	4.2	0.0	4.7	-	-	4.3	0.0	0.9	5.2	-	-	2.6	0.0	2.4	0.0	-	-	1.9	8.9	5.8	5.9	-	-	7.3	4.3
Trucks	0	0	1	0	-	1	0	9	1	0	-	10	0	0	0	0	-	0	0	9	0	0	-	9	20
% Trucks	0.0	0.0	0.4	-	-	0.2	0.0	2.1	0.3	-	-	1.4	0.0	0.0	0.0	-	-	0.0	0.0	4.3	0.0	-	-	2.1	1.2
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	-	-	-	-	3	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	6.5	-	-	-	-	-	1.2	-	-	-	-	-	7.1	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	43	-	-	-	-	-	80	-	-	-	-	-	26	-	-	-	-	-	36	-	-
% Pedestrians	-	-	-	-	93.5	-	-	-	-	-	98.8	-	-	-	-	-	92.9	-	-	-	-	-	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)

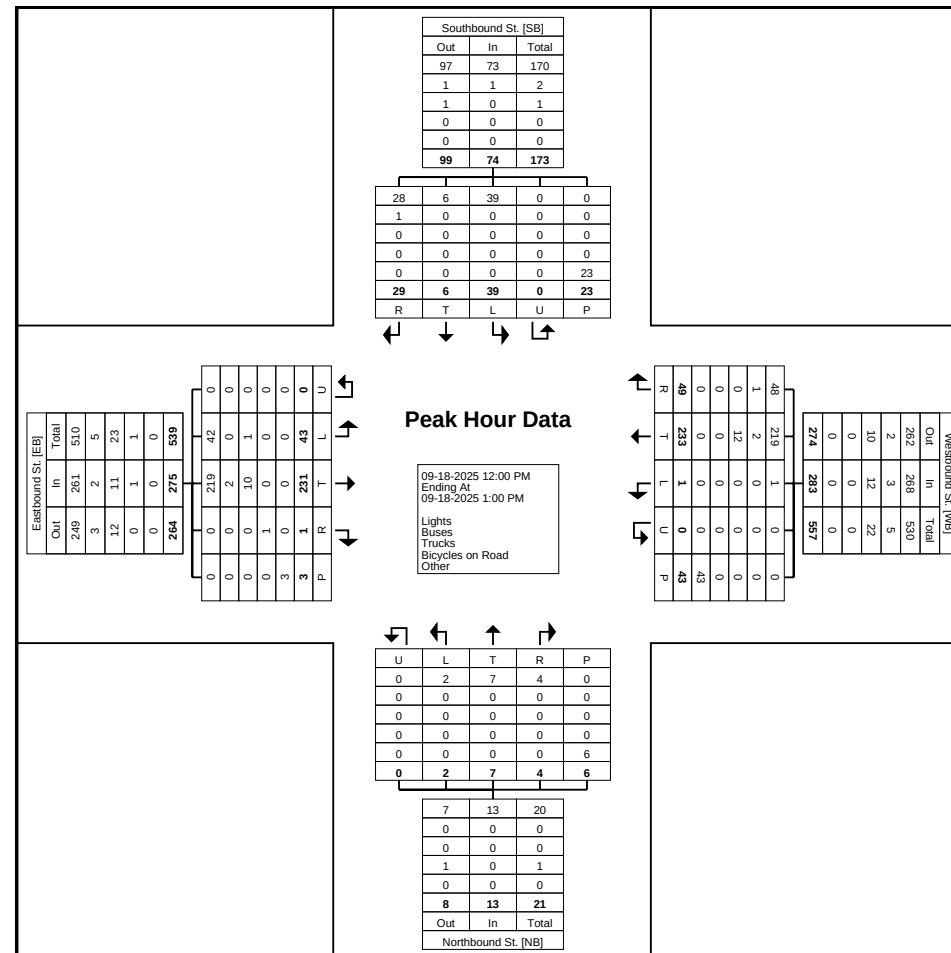
Start Time	Southbound St. Southbound						Westbound St. Westbound						Northbound St. Northbound						Eastbound St. Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
12:00 PM	11	1	9	0	17	21	1	55	18	0	8	74	1	1	1	0	1	3	13	79	0	0	0	92	190
12:15 PM	12	3	12	0	5	27	0	43	13	0	8	56	0	3	2	0	3	5	14	45	0	0	2	59	147
12:30 PM	9	1	5	0	1	15	0	70	6	0	26	76	0	2	0	0	2	2	10	51	0	0	0	61	154
12:45 PM	7	1	3	0	0	11	0	65	12	0	1	77	1	1	1	0	0	3	6	56	1	0	1	63	154
Total	39	6	29	0	23	74	1	233	49	0	43	283	2	7	4	0	6	13	43	231	1	0	3	275	645
Approach %	52.7	8.1	39.2	0.0	-	-	0.4	82.3	17.3	0.0	-	-	15.4	53.8	30.8	0.0	-	-	15.6	84.0	0.4	0.0	-	-	-
Total %	6.0	0.9	4.5	0.0	-	11.5	0.2	36.1	7.6	0.0	-	43.9	0.3	1.1	0.6	0.0	-	2.0	6.7	35.8	0.2	0.0	-	42.6	-
PHF	0.813	0.500	0.604	0.000	-	0.685	0.250	0.832	0.681	0.000	-	0.919	0.500	0.583	0.500	0.000	-	0.650	0.768	0.731	0.250	0.000	-	0.747	0.849
Lights	39	6	28	0	-	73	1	219	48	0	-	268	2	7	4	0	-	13	42	219	0	0	-	261	615
% Lights	100.0	100.0	96.6	-	-	98.6	100.0	94.0	98.0	-	-	94.7	100.0	100.0	100.0	-	-	100.0	97.7	94.8	0.0	-	-	94.9	95.3
Buses	0	0	1	0	-	1	0	2	1	0	-	3	0	0	0	0	-	0	0	2	0	0	-	2	6
% Buses	0.0	0.0	3.4	-	-	1.4	0.0	0.9	2.0	-	-	1.1	0.0	0.0	0.0	-	-	0.0	0.0	0.9	0.0	-	-	0.7	0.9
Trucks	0	0	0	0	-	0	0	12	0	0	-	12	0	0	0	0	-	0	1	10	0	0	-	11	23
% Trucks	0.0	0.0	0.0	-	-	0.0	0.0	5.2	0.0	-	-	4.2	0.0	0.0	0.0	-	-	0.0	2.3	4.3	0.0	-	-	4.0	3.6
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	1	0	-	1	1
% Bicycles on Road	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	100.0	-	-	0.4	0.2
Bicycles on Crosswalk	-	-	-	-	3	-	-	-	-	-	2	-	-	-	-	-	0	-	-	-	-	-	1	-	-
% Bicycles on Crosswalk	-	-	-	-	13.0	-	-	-	-	-	4.7	-	-	-	-	-	0.0	-	-	-	-	-	33.3	-	-
Pedestrians	-	-	-	-	20	-	-	-	-	-	41	-	-	-	-	-	6	-	-	-	-	-	2	-	-
% Pedestrians	-	-	-	-	87.0	-	-	-	-	-	95.3	-	-	-	-	-	100.0	-	-	-	-	-	66.7	-	-



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



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Turning Movement Peak Hour Data (3:00 PM)

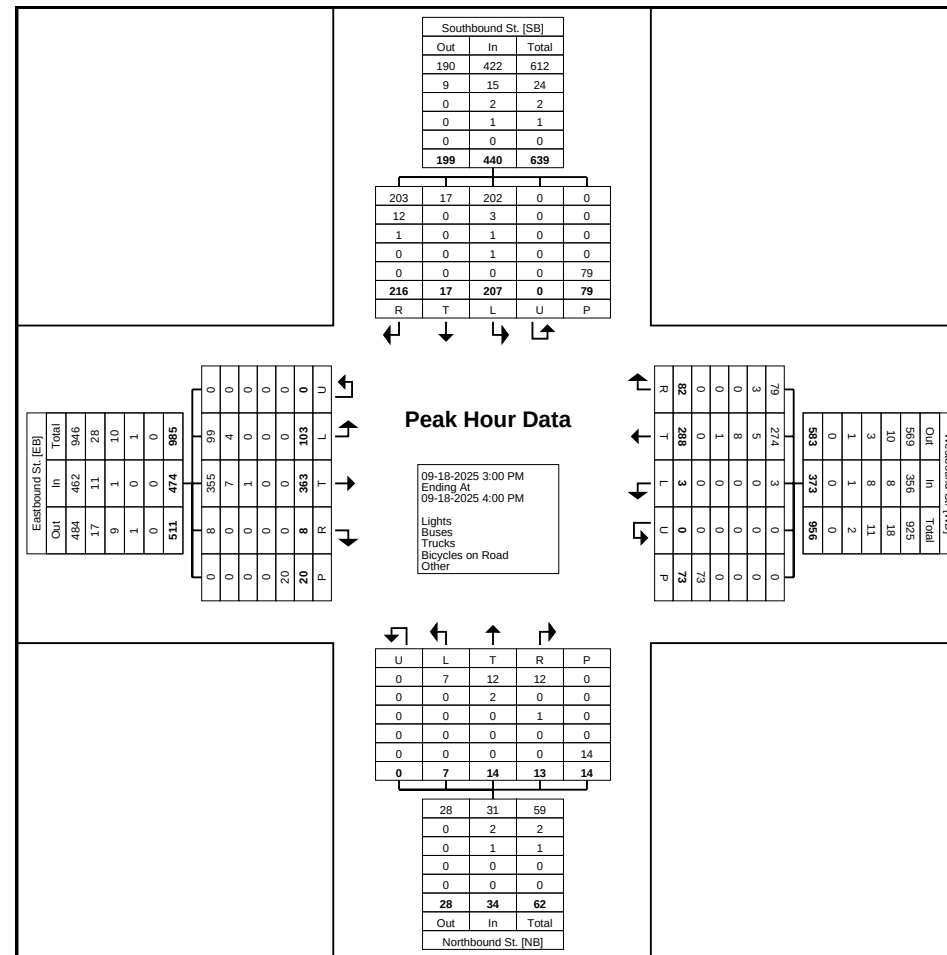
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	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total		
3:00 PM	23	0	28	0	6	51	0	71	37	0	3	108	0	8	1	0	2	9	47	90	4	0	2	141	309	
3:15 PM	102	9	121	0	65	232	2	75	31	0	60	108	3	5	10	0	8	18	28	102	1	0	15	131	489	
3:30 PM	53	7	49	0	3	109	0	65	10	0	9	75	3	0	1	0	3	4	13	82	2	0	2	97	285	
3:45 PM	29	1	18	0	5	48	1	77	4	0	1	82	1	1	1	0	1	3	15	89	1	0	1	105	238	
Total	207	17	216	0	79	440	3	288	82	0	73	373	7	14	13	0	14	34	103	363	8	0	20	474	1321	
Approach %	47.0	3.9	49.1	0.0	-	-	0.8	77.2	22.0	0.0	-	-	20.6	41.2	38.2	0.0	-	-	21.7	76.6	1.7	0.0	-	-	-	
Total %	15.7	1.3	16.4	0.0	-	33.3	0.2	21.8	6.2	0.0	-	28.2	0.5	1.1	1.0	0.0	-	2.6	7.8	27.5	0.6	0.0	-	35.9	-	
PHF	0.507	0.472	0.446	0.000	-	0.474	0.375	0.935	0.554	0.000	-	0.863	0.583	0.438	0.325	0.000	-	0.472	0.548	0.890	0.500	0.000	-	0.840	0.675	
Lights	202	17	203	0	-	422	3	274	79	0	-	356	7	12	12	0	-	31	99	355	8	0	-	462	1271	
% Lights	97.6	100.0	94.0	-	-	95.9	100.0	95.1	96.3	-	-	95.4	100.0	85.7	92.3	-	-	91.2	96.1	97.8	100.0	-	-	-	97.5	96.2
Buses	3	0	12	0	-	15	0	5	3	0	-	8	0	2	0	0	-	2	4	7	0	0	-	11	36	
% Buses	1.4	0.0	5.6	-	-	3.4	0.0	1.7	3.7	-	-	2.1	0.0	14.3	0.0	-	-	5.9	3.9	1.9	0.0	-	-	2.3	2.7	
Trucks	1	0	1	0	-	2	0	8	0	0	-	8	0	0	1	0	-	1	0	1	0	0	-	1	12	
% Trucks	0.5	0.0	0.5	-	-	0.5	0.0	2.8	0.0	-	-	2.1	0.0	0.0	7.7	-	-	2.9	0.0	0.3	0.0	-	-	0.2	0.9	
Bicycles on Road	1	0	0	0	-	1	0	1	0	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	2	
% Bicycles on Road	0.5	0.0	0.0	-	-	0.2	0.0	0.3	0.0	-	-	0.3	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.2	
Bicycles on Crosswalk	-	-	-	-	6	-	-	-	-	-	3	-	-	-	-	-	6	-	-	-	-	-	3	-	-	
% Bicycles on Crosswalk	-	-	-	-	7.6	-	-	-	-	-	4.1	-	-	-	-	-	42.9	-	-	-	-	-	15.0	-	-	
Pedestrians	-	-	-	-	73	-	-	-	-	-	70	-	-	-	-	-	8	-	-	-	-	-	17	-	-	
% Pedestrians	-	-	-	-	92.4	-	-	-	-	-	95.9	-	-	-	-	-	57.1	-	-	-	-	-	85.0	-	-	



The City of Red Deer
4914 – 48 Avenue

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

Count Name: 55 Street - 42A Avenue - AM,
NOON & PM
Site Code:
Start Date: 09-18-2025
Page No: 9



Turning Movement Peak Hour Data Plot (3:00 PM)