



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

Count Name: 47 Street - 51 Avenue - AM,
NOON & PM
Site Code:
Start Date: 06-06-2024
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	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
7:00 AM	7	95	3	0	105	2	4	0	1	6	0	0	2	2	0	0	4	115
7:15 AM	4	101	1	0	106	2	3	0	0	5	1	0	4	4	0	2	8	119
7:30 AM	3	120	2	0	125	0	3	0	0	3	0	0	2	2	0	0	4	132
7:45 AM	10	181	1	2	192	1	5	0	1	6	0	0	10	3	0	0	13	211
Hourly Total	24	497	7	2	528	5	15	0	2	20	1	0	18	11	0	2	29	577
8:00 AM	5	151	3	0	159	2	8	0	0	10	1	0	9	2	0	0	11	180
8:15 AM	9	170	1	1	180	4	5	0	0	9	0	0	8	4	0	1	12	201
8:30 AM	11	154	2	3	167	3	3	0	1	6	0	0	4	3	0	1	7	180
8:45 AM	6	201	6	0	213	7	8	0	0	15	1	0	8	8	0	0	16	244
Hourly Total	31	676	12	4	719	16	24	0	1	40	2	0	29	17	0	2	46	805
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	3	270	5	0	278	11	8	0	1	19	0	0	2	8	0	5	10	307
11:45 AM	8	253	6	4	267	7	6	0	1	13	1	0	4	5	0	3	9	289
Hourly Total	11	523	11	4	545	18	14	0	2	32	1	0	6	13	0	8	19	596
12:00 PM	5	279	4	5	288	13	11	0	1	24	1	0	3	6	0	2	9	321
12:15 PM	2	246	1	2	249	6	9	0	3	15	3	0	6	6	0	17	12	276
12:30 PM	9	276	6	4	291	10	11	0	3	21	4	0	8	6	0	2	14	326
12:45 PM	8	221	2	2	231	7	8	0	1	15	2	0	9	6	0	4	15	261
Hourly Total	24	1022	13	13	1059	36	39	0	8	75	10	0	26	24	0	25	50	1184
1:00 PM	5	222	6	2	233	11	8	0	2	19	3	0	7	2	0	1	9	261
1:15 PM	6	223	3	0	232	8	10	0	2	18	0	0	9	9	0	6	18	268
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	11	445	9	2	465	19	18	0	4	37	3	0	16	11	0	7	27	529
3:00 PM	3	267	5	1	275	7	8	0	1	15	1	0	6	10	0	2	16	306
3:15 PM	6	306	2	0	314	8	4	0	0	12	0	0	9	18	0	2	27	353
3:30 PM	3	313	2	2	318	9	4	0	1	13	0	0	9	27	0	3	36	367
3:45 PM	5	257	1	4	263	5	11	0	1	16	2	0	9	17	0	5	26	305
Hourly Total	17	1143	10	7	1170	29	27	0	3	56	3	0	33	72	0	12	105	1331
4:00 PM	5	242	5	6	252	11	8	0	5	19	1	0	5	7	0	2	12	283
4:15 PM	6	280	4	0	290	3	6	0	1	9	0	0	10	4	0	0	14	313
4:30 PM	1	292	4	1	297	9	15	0	4	24	0	0	3	2	0	5	5	326
4:45 PM	3	335	4	4	342	6	11	0	1	17	3	0	4	7	0	1	11	370
Hourly Total	15	1149	17	11	1181	29	40	0	11	69	4	0	22	20	0	8	42	1292

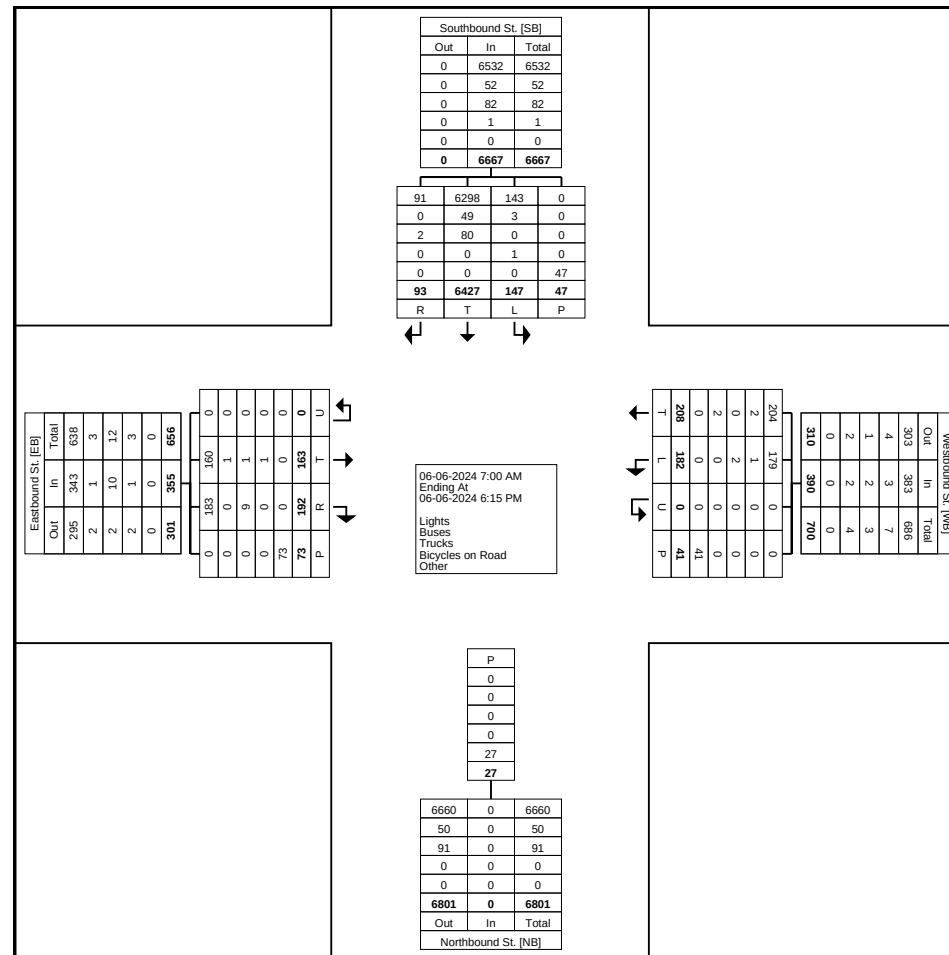
5:00 PM	6	280	3	2	289	11	9	0	1	20	0	0	5	8	0	2	13	322
5:15 PM	7	255	6	2	268	11	7	0	4	18	1	0	3	4	0	3	7	293
5:30 PM	0	227	4	0	231	5	9	0	3	14	1	0	1	5	0	4	6	251
5:45 PM	1	210	1	0	212	3	6	0	2	9	1	0	4	7	0	0	11	232
Hourly Total	14	972	14	4	1000	30	31	0	10	61	3	0	13	24	0	9	37	1098
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	147	6427	93	47	6667	182	208	0	41	390	27	0	163	192	0	73	355	7412
Approach %	2.2	96.4	1.4	-	-	46.7	53.3	0.0	-	-	-	-	45.9	54.1	0.0	-	-	-
Total %	2.0	86.7	1.3	-	89.9	2.5	2.8	0.0	-	5.3	-	0.0	2.2	2.6	0.0	-	4.8	-
Lights	143	6298	91	-	6532	179	204	0	-	383	-	0	160	183	0	-	343	7258
% Lights	97.3	98.0	97.8	-	98.0	98.4	98.1	-	-	98.2	-	-	98.2	95.3	-	-	96.6	97.9
Buses	3	49	0	-	52	1	2	0	-	3	-	0	1	0	0	-	1	56
% Buses	2.0	0.8	0.0	-	0.8	0.5	1.0	-	-	0.8	-	-	0.6	0.0	-	-	0.3	0.8
Trucks	0	80	2	-	82	2	0	0	-	2	-	0	1	9	0	-	10	94
% Trucks	0.0	1.2	2.2	-	1.2	1.1	0.0	-	-	0.5	-	-	0.6	4.7	-	-	2.8	1.3
Bicycles on Road	1	0	0	-	1	0	2	0	-	2	-	0	1	0	0	-	1	4
% Bicycles on Road	0.7	0.0	0.0	-	0.0	0.0	1.0	-	-	0.5	-	-	0.6	0.0	-	-	0.3	0.1
Bicycles on Crosswalk	-	-	-	4	-	-	-	-	4	-	6	-	-	-	-	16	-	-
% Bicycles on Crosswalk	-	-	-	8.5	-	-	-	-	9.8	-	22.2	-	-	-	-	21.9	-	-
Pedestrians	-	-	-	43	-	-	-	-	37	-	21	-	-	-	-	57	-	-
% Pedestrians	-	-	-	91.5	-	-	-	-	90.2	-	77.8	-	-	-	-	78.1	-	-



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Turning Movement Peak Hour Data (8:00 AM)

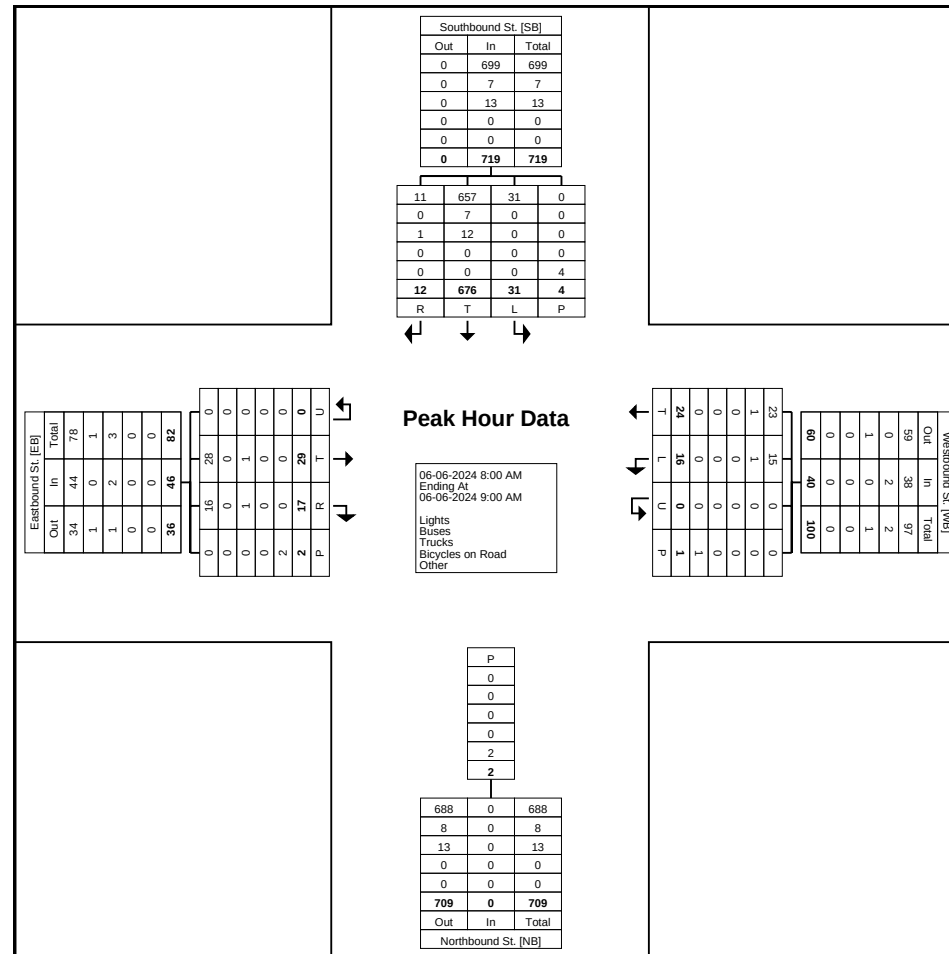
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound		Eastbound St. Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
8:00 AM	5	151	3	0	159	2	8	0	0	10	1	0	9	2	0	0	11	180
8:15 AM	9	170	1	1	180	4	5	0	0	9	0	0	8	4	0	1	12	201
8:30 AM	11	154	2	3	167	3	3	0	1	6	0	0	4	3	0	1	7	180
8:45 AM	6	201	6	0	213	7	8	0	0	15	1	0	8	8	0	0	16	244
Total	31	676	12	4	719	16	24	0	1	40	2	0	29	17	0	2	46	805
Approach %	4.3	94.0	1.7	-	-	40.0	60.0	0.0	-	-	-	-	63.0	37.0	0.0	-	-	-
Total %	3.9	84.0	1.5	-	89.3	2.0	3.0	0.0	-	5.0	-	0.0	3.6	2.1	0.0	-	5.7	-
PHF	0.705	0.841	0.500	-	0.844	0.571	0.750	0.000	-	0.667	-	0.000	0.806	0.531	0.000	-	0.719	0.825
Lights	31	657	11	-	699	15	23	0	-	38	-	0	28	16	0	-	44	781
% Lights	100.0	97.2	91.7	-	97.2	93.8	95.8	-	-	95.0	-	-	96.6	94.1	-	-	95.7	97.0
Buses	0	7	0	-	7	1	1	0	-	2	-	0	0	0	0	-	0	9
% Buses	0.0	1.0	0.0	-	1.0	6.3	4.2	-	-	5.0	-	-	0.0	0.0	-	-	0.0	1.1
Trucks	0	12	1	-	13	0	0	0	-	0	-	0	1	1	0	-	2	15
% Trucks	0.0	1.8	8.3	-	1.8	0.0	0.0	-	-	0.0	-	-	3.4	5.9	-	-	4.3	1.9
Bicycles on Road	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
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	0	-	1	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	0.0	-	50.0	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	4	-	-	-	-	1	-	1	-	-	-	-	2	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	100.0	-	50.0	-	-	-	-	100.0	-	-



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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)

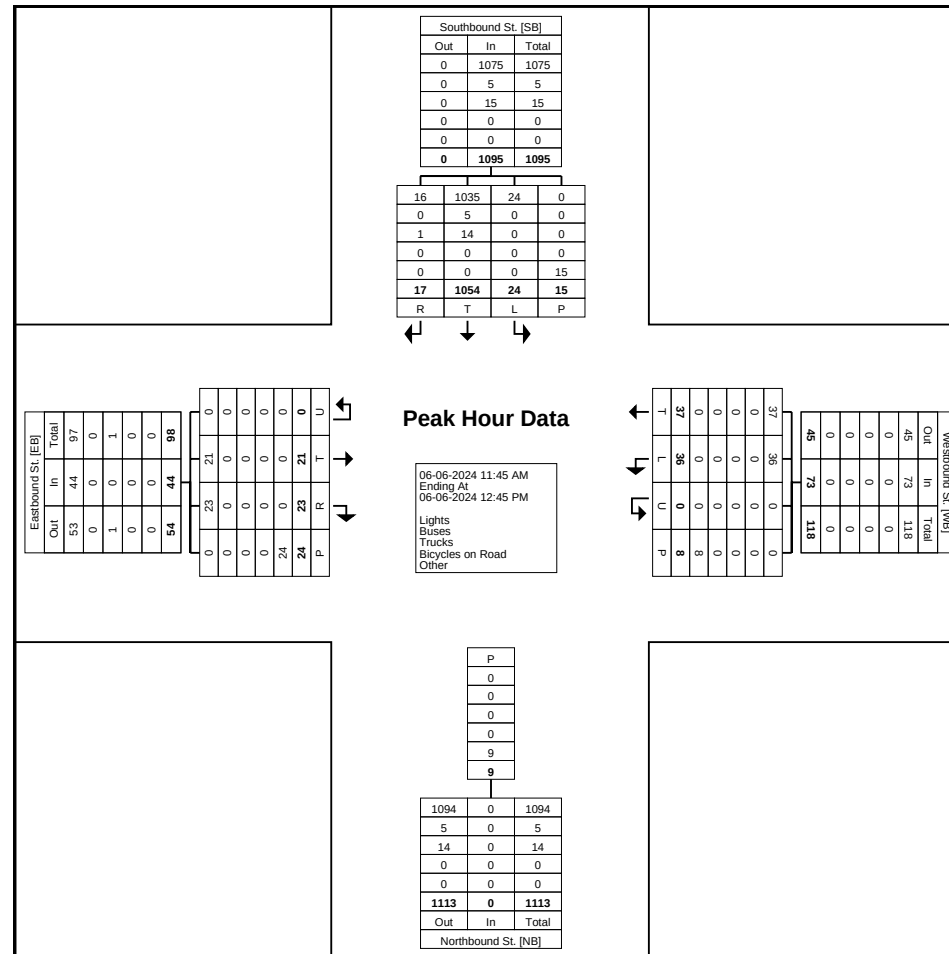
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound		Eastbound St. Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
11:45 AM	8	253	6	4	267	7	6	0	1	13	1	0	4	5	0	3	9	289
12:00 PM	5	279	4	5	288	13	11	0	1	24	1	0	3	6	0	2	9	321
12:15 PM	2	246	1	2	249	6	9	0	3	15	3	0	6	6	0	17	12	276
12:30 PM	9	276	6	4	291	10	11	0	3	21	4	0	8	6	0	2	14	326
Total	24	1054	17	15	1095	36	37	0	8	73	9	0	21	23	0	24	44	1212
Approach %	2.2	96.3	1.6	-	-	49.3	50.7	0.0	-	-	-	-	47.7	52.3	0.0	-	-	-
Total %	2.0	87.0	1.4	-	90.3	3.0	3.1	0.0	-	6.0	-	0.0	1.7	1.9	0.0	-	3.6	-
PHF	0.667	0.944	0.708	-	0.941	0.692	0.841	0.000	-	0.760	-	0.000	0.656	0.958	0.000	-	0.786	0.929
Lights	24	1035	16	-	1075	36	37	0	-	73	-	0	21	23	0	-	44	1192
% Lights	100.0	98.2	94.1	-	98.2	100.0	100.0	-	-	100.0	-	-	100.0	100.0	-	-	100.0	98.3
Buses	0	5	0	-	5	0	0	0	-	0	-	0	0	0	0	-	0	5
% Buses	0.0	0.5	0.0	-	0.5	0.0	0.0	-	-	0.0	-	-	0.0	0.0	-	-	0.0	0.4
Trucks	0	14	1	-	15	0	0	0	-	0	-	0	0	0	0	-	0	15
% Trucks	0.0	1.3	5.9	-	1.4	0.0	0.0	-	-	0.0	-	-	0.0	0.0	-	-	0.0	1.2
Bicycles on Road	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
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	0	-	0	-	-	-	-	2	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	0.0	-	0.0	-	-	-	-	8.3	-	-
Pedestrians	-	-	-	15	-	-	-	-	8	-	9	-	-	-	-	22	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	100.0	-	100.0	-	-	-	-	91.7	-	-



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



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Turning Movement Peak Hour Data (3:00 PM)

Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound		Eastbound St. Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
3:00 PM	3	267	5	1	275	7	8	0	1	15	1	0	6	10	0	2	16	306
3:15 PM	6	306	2	0	314	8	4	0	0	12	0	0	9	18	0	2	27	353
3:30 PM	3	313	2	2	318	9	4	0	1	13	0	0	9	27	0	3	36	367
3:45 PM	5	257	1	4	263	5	11	0	1	16	2	0	9	17	0	5	26	305
Total	17	1143	10	7	1170	29	27	0	3	56	3	0	33	72	0	12	105	1331
Approach %	1.5	97.7	0.9	-	-	51.8	48.2	0.0	-	-	-	-	31.4	68.6	0.0	-	-	-
Total %	1.3	85.9	0.8	-	87.9	2.2	2.0	0.0	-	4.2	-	0.0	2.5	5.4	0.0	-	7.9	-
PHF	0.708	0.913	0.500	-	0.920	0.806	0.614	0.000	-	0.875	-	0.000	0.917	0.667	0.000	-	0.729	0.907
Lights	17	1120	10	-	1147	27	26	0	-	53	-	0	33	69	0	-	102	1302
% Lights	100.0	98.0	100.0	-	98.0	93.1	96.3	-	-	94.6	-	-	100.0	95.8	-	-	97.1	97.8
Buses	0	14	0	-	14	0	1	0	-	1	-	0	0	0	0	-	0	15
% Buses	0.0	1.2	0.0	-	1.2	0.0	3.7	-	-	1.8	-	-	0.0	0.0	-	-	0.0	1.1
Trucks	0	9	0	-	9	2	0	0	-	2	-	0	0	3	0	-	3	14
% Trucks	0.0	0.8	0.0	-	0.8	6.9	0.0	-	-	3.6	-	-	0.0	4.2	-	-	2.9	1.1
Bicycles on Road	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
Bicycles on Crosswalk	-	-	-	1	-	-	-	-	0	-	1	-	-	-	-	2	-	-
% Bicycles on Crosswalk	-	-	-	14.3	-	-	-	-	0.0	-	33.3	-	-	-	-	16.7	-	-
Pedestrians	-	-	-	6	-	-	-	-	3	-	2	-	-	-	-	10	-	-
% Pedestrians	-	-	-	85.7	-	-	-	-	100.0	-	66.7	-	-	-	-	83.3	-	-



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