



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

Count Name: 53 Street - 49 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
	Peds	App. Total	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	
7:00 AM	0	0	1	0	0	72	0	0	72	1	0	0	0	1	73
7:15 AM	0	0	4	0	1	102	3	0	106	3	2	0	1	5	111
7:30 AM	0	0	1	0	1	152	6	0	159	0	1	0	1	1	160
7:45 AM	2	0	1	0	2	179	9	0	190	0	8	0	2	8	198
Hourly Total	2	0	7	0	4	505	18	0	527	4	11	0	4	15	542
8:00 AM	1	0	1	0	4	153	3	1	160	1	9	0	4	10	170
8:15 AM	1	0	1	0	4	153	2	0	159	2	4	0	3	6	165
8:30 AM	0	0	4	0	2	156	3	2	161	5	2	0	2	7	168
8:45 AM	1	0	3	0	6	201	3	1	210	2	3	0	0	5	215
Hourly Total	3	0	9	0	16	663	11	4	690	10	18	0	9	28	718
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	1	0	4	0	6	248	7	3	261	4	1	0	2	5	266
11:45 AM	2	0	2	0	5	266	8	0	279	7	3	0	3	10	289
Hourly Total	3	0	6	0	11	514	15	3	540	11	4	0	5	15	555
12:00 PM	5	0	8	0	6	289	10	3	305	10	3	0	3	13	318
12:15 PM	1	0	6	0	8	225	2	2	235	8	8	0	3	16	251
12:30 PM	4	0	11	0	5	239	6	2	250	3	2	0	0	5	255
12:45 PM	4	0	9	0	8	265	5	3	278	8	6	0	2	14	292
Hourly Total	14	0	34	0	27	1018	23	10	1068	29	19	0	8	48	1116
1:00 PM	2	0	6	0	7	266	4	2	277	11	7	0	4	18	295
1:15 PM	4	0	8	0	5	243	7	1	255	4	5	0	7	9	264
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	6	0	14	0	12	509	11	3	532	15	12	0	11	27	559
3:00 PM	1	0	6	0	4	300	4	2	308	6	4	0	5	10	318
3:15 PM	0	0	3	0	5	285	2	0	292	8	6	0	3	14	306
3:30 PM	0	0	2	0	9	303	5	0	317	9	8	0	3	17	334
3:45 PM	1	0	4	0	9	286	7	1	302	10	2	0	0	12	314
Hourly Total	2	0	15	0	27	1174	18	3	1219	33	20	0	11	53	1272
4:00 PM	0	0	4	0	7	287	11	1	305	9	7	0	2	16	321
4:15 PM	0	0	2	0	7	299	9	2	315	10	2	0	1	12	327
4:30 PM	0	0	2	0	3	406	8	0	417	7	5	0	3	12	429
4:45 PM	2	0	2	0	5	300	8	1	313	12	7	0	2	19	332
Hourly Total	2	0	10	0	22	1292	36	4	1350	38	21	0	8	59	1409
5:00 PM	3	0	7	0	3	300	4	0	307	10	2	0	6	12	319
5:15 PM	0	0	5	0	4	250	4	3	258	7	4	0	3	11	269

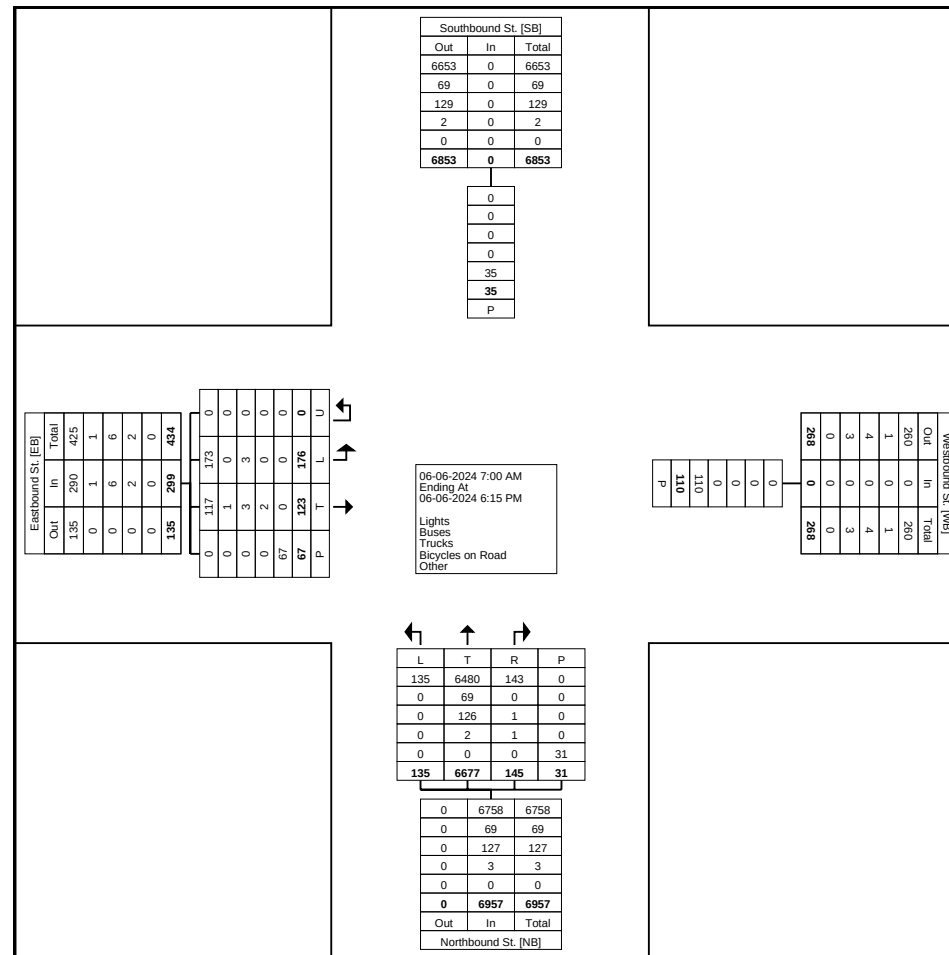
5:30 PM	0	0	1	0	4	216	4	1	224	12	8	0	1	20	244
5:45 PM	0	0	2	0	5	236	1	0	242	7	4	0	1	11	253
Hourly Total	3	0	15	0	16	1002	13	4	1031	36	18	0	11	54	1085
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	35	0	110	0	135	6677	145	31	6957	176	123	0	67	299	7256
Approach %	-	-	-	-	1.9	96.0	2.1	-	-	58.9	41.1	0.0	-	-	-
Total %	-	0.0	-	0.0	1.9	92.0	2.0	-	95.9	2.4	1.7	0.0	-	4.1	-
Lights	-	0	-	0	135	6480	143	-	6758	173	117	0	-	290	7048
% Lights	-	-	-	-	100.0	97.0	98.6	-	97.1	98.3	95.1	-	-	97.0	97.1
Buses	-	0	-	0	0	69	0	-	69	0	1	0	-	1	70
% Buses	-	-	-	-	0.0	1.0	0.0	-	1.0	0.0	0.8	-	-	0.3	1.0
Trucks	-	0	-	0	0	126	1	-	127	3	3	0	-	6	133
% Trucks	-	-	-	-	0.0	1.9	0.7	-	1.8	1.7	2.4	-	-	2.0	1.8
Bicycles on Road	-	0	-	0	0	2	1	-	3	0	2	0	-	2	5
% Bicycles on Road	-	-	-	-	0.0	0.0	0.7	-	0.0	0.0	1.6	-	-	0.7	0.1
Bicycles on Crosswalk	3	-	17	-	-	-	-	5	-	-	-	-	17	-	-
% Bicycles on Crosswalk	8.6	-	15.5	-	-	-	-	16.1	-	-	-	-	25.4	-	-
Pedestrians	32	-	93	-	-	-	-	26	-	-	-	-	50	-	-
% Pedestrians	91.4	-	84.5	-	-	-	-	83.9	-	-	-	-	74.6	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (8:00 AM)

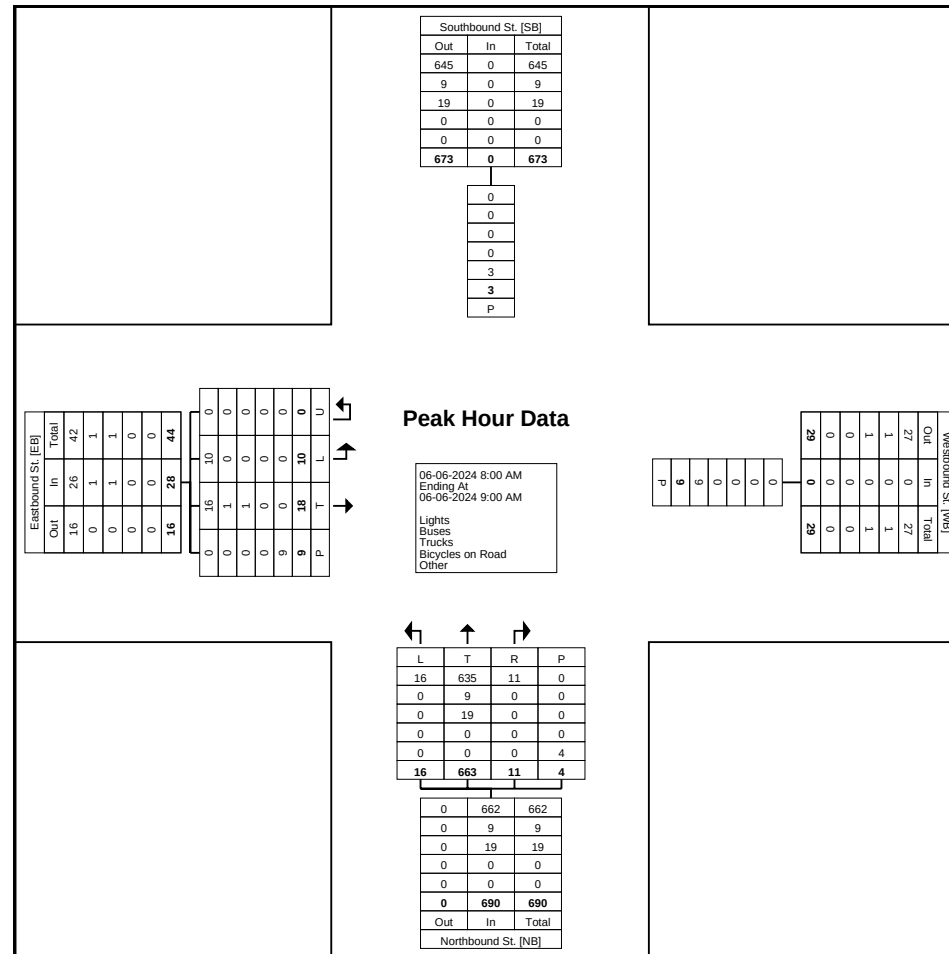
Start Time	Southbound St. Southbound		Westbound St. Westbound		Northbound St. Northbound					Eastbound St. Eastbound					Int. Total
	Peds	App. Total	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	
8:00 AM	1	0	1	0	4	153	3	1	160	1	9	0	4	10	170
8:15 AM	1	0	1	0	4	153	2	0	159	2	4	0	3	6	165
8:30 AM	0	0	4	0	2	156	3	2	161	5	2	0	2	7	168
8:45 AM	1	0	3	0	6	201	3	1	210	2	3	0	0	5	215
Total	3	0	9	0	16	663	11	4	690	10	18	0	9	28	718
Approach %	-	-	-	-	2.3	96.1	1.6	-	-	35.7	64.3	0.0	-	-	-
Total %	-	0.0	-	0.0	2.2	92.3	1.5	-	96.1	1.4	2.5	0.0	-	3.9	-
PHF	-	0.000	-	0.000	0.667	0.825	0.917	-	0.821	0.500	0.500	0.000	-	0.700	0.835
Lights	-	0	-	0	16	635	11	-	662	10	16	0	-	26	688
% Lights	-	-	-	-	100.0	95.8	100.0	-	95.9	100.0	88.9	-	-	92.9	95.8
Buses	-	0	-	0	0	9	0	-	9	0	1	0	-	1	10
% Buses	-	-	-	-	0.0	1.4	0.0	-	1.3	0.0	5.6	-	-	3.6	1.4
Trucks	-	0	-	0	0	19	0	-	19	0	1	0	-	1	20
% Trucks	-	-	-	-	0.0	2.9	0.0	-	2.8	0.0	5.6	-	-	3.6	2.8
Bicycles on Road	-	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
Bicycles on Crosswalk	0	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	0.0	-	0.0	-	-	-	-	0.0	-	-	-	-	0.0	-	-
Pedestrians	3	-	9	-	-	-	-	4	-	-	-	-	9	-	-
% Pedestrians	100.0	-	100.0	-	-	-	-	100.0	-	-	-	-	100.0	-	-



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Turning Movement Peak Hour Data (11:30 AM)

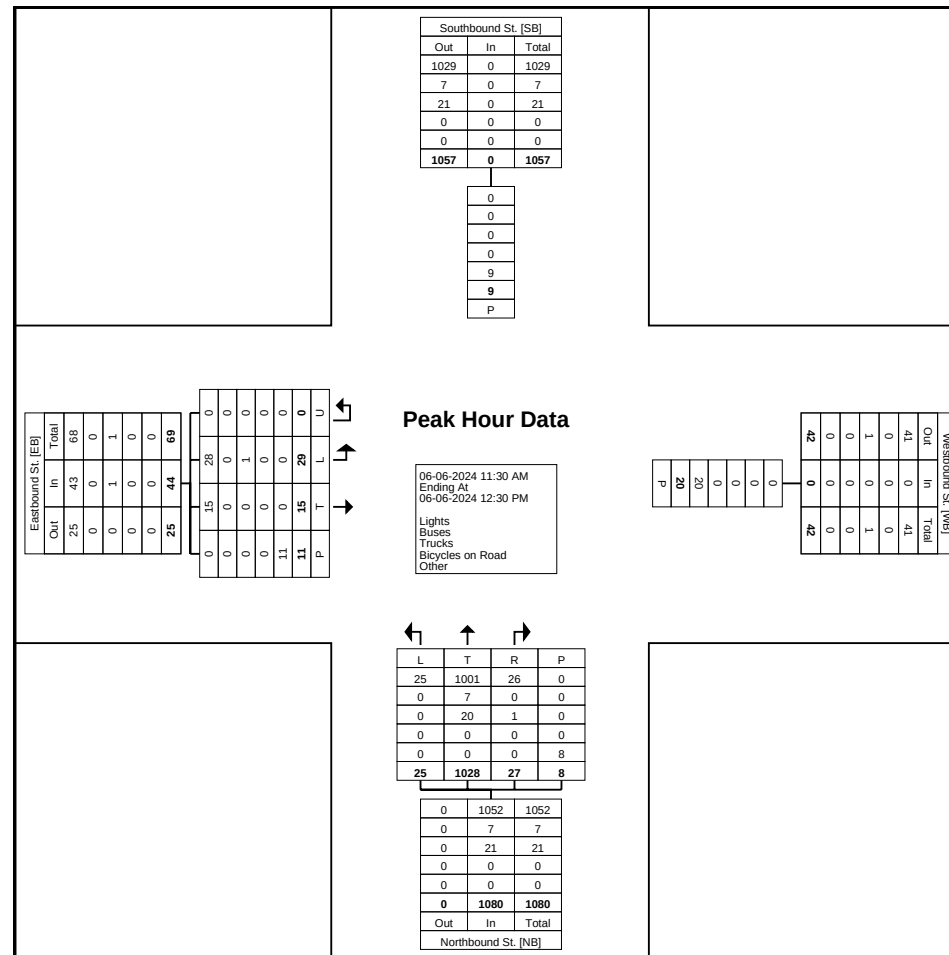
Start Time	Southbound St. Southbound		Westbound St. Westbound		Northbound St. Northbound					Eastbound St. Eastbound					Int. Total
	Peds	App. Total	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	
11:30 AM	1	0	4	0	6	248	7	3	261	4	1	0	2	5	266
11:45 AM	2	0	2	0	5	266	8	0	279	7	3	0	3	10	289
12:00 PM	5	0	8	0	6	289	10	3	305	10	3	0	3	13	318
12:15 PM	1	0	6	0	8	225	2	2	235	8	8	0	3	16	251
Total	9	0	20	0	25	1028	27	8	1080	29	15	0	11	44	1124
Approach %	-	-	-	-	2.3	95.2	2.5	-	-	65.9	34.1	0.0	-	-	-
Total %	-	0.0	-	0.0	2.2	91.5	2.4	-	96.1	2.6	1.3	0.0	-	3.9	-
PHF	-	0.000	-	0.000	0.781	0.889	0.675	-	0.885	0.725	0.469	0.000	-	0.688	0.884
Lights	-	0	-	0	25	1001	26	-	1052	28	15	0	-	43	1095
% Lights	-	-	-	-	100.0	97.4	96.3	-	97.4	96.6	100.0	-	-	97.7	97.4
Buses	-	0	-	0	0	7	0	-	7	0	0	0	-	0	7
% Buses	-	-	-	-	0.0	0.7	0.0	-	0.6	0.0	0.0	-	-	0.0	0.6
Trucks	-	0	-	0	0	20	1	-	21	1	0	0	-	1	22
% Trucks	-	-	-	-	0.0	1.9	3.7	-	1.9	3.4	0.0	-	-	2.3	2.0
Bicycles on Road	-	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
Bicycles on Crosswalk	0	-	5	-	-	-	-	2	-	-	-	-	3	-	-
% Bicycles on Crosswalk	0.0	-	25.0	-	-	-	-	25.0	-	-	-	-	27.3	-	-
Pedestrians	9	-	15	-	-	-	-	6	-	-	-	-	8	-	-
% Pedestrians	100.0	-	75.0	-	-	-	-	75.0	-	-	-	-	72.7	-	-



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Turning Movement Peak Hour Data Plot (11:30 AM)



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Turning Movement Peak Hour Data (4:00 PM)

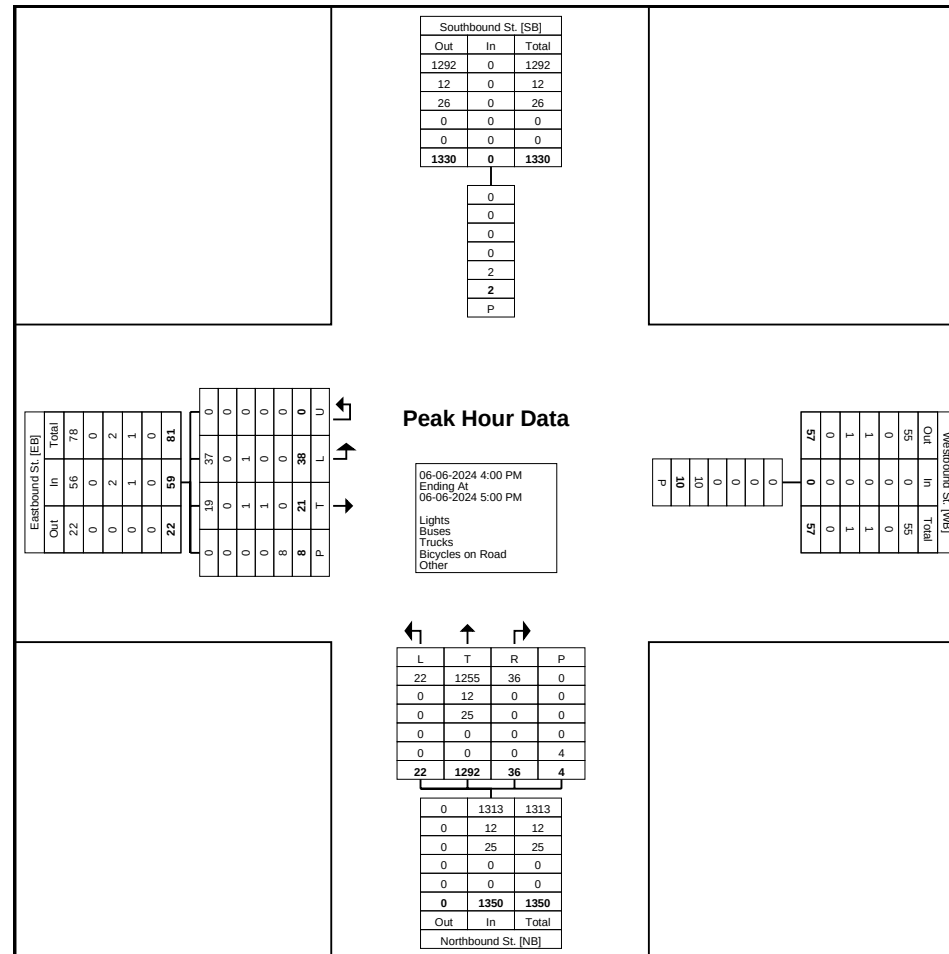
Start Time	Southbound St. Southbound		Westbound St. Westbound		Northbound St. Northbound					Eastbound St. Eastbound					Int. Total
	Peds	App. Total	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	
4:00 PM	0	0	4	0	7	287	11	1	305	9	7	0	2	16	321
4:15 PM	0	0	2	0	7	299	9	2	315	10	2	0	1	12	327
4:30 PM	0	0	2	0	3	406	8	0	417	7	5	0	3	12	429
4:45 PM	2	0	2	0	5	300	8	1	313	12	7	0	2	19	332
Total	2	0	10	0	22	1292	36	4	1350	38	21	0	8	59	1409
Approach %	-	-	-	-	1.6	95.7	2.7	-	-	64.4	35.6	0.0	-	-	-
Total %	-	0.0	-	0.0	1.6	91.7	2.6	-	95.8	2.7	1.5	0.0	-	4.2	-
PHF	-	0.000	-	0.000	0.786	0.796	0.818	-	0.809	0.792	0.750	0.000	-	0.776	0.821
Lights	-	0	-	0	22	1255	36	-	1313	37	19	0	-	56	1369
% Lights	-	-	-	-	100.0	97.1	100.0	-	97.3	97.4	90.5	-	-	94.9	97.2
Buses	-	0	-	0	0	12	0	-	12	0	0	0	-	0	12
% Buses	-	-	-	-	0.0	0.9	0.0	-	0.9	0.0	0.0	-	-	0.0	0.9
Trucks	-	0	-	0	0	25	0	-	25	1	1	0	-	2	27
% Trucks	-	-	-	-	0.0	1.9	0.0	-	1.9	2.6	4.8	-	-	3.4	1.9
Bicycles on Road	-	0	-	0	0	0	0	-	0	0	1	0	-	1	1
% Bicycles on Road	-	-	-	-	0.0	0.0	0.0	-	0.0	0.0	4.8	-	-	1.7	0.1
Bicycles on Crosswalk	0	-	0	-	-	-	-	0	-	-	-	-	1	-	-
% Bicycles on Crosswalk	0.0	-	0.0	-	-	-	-	0.0	-	-	-	-	12.5	-	-
Pedestrians	2	-	10	-	-	-	-	4	-	-	-	-	7	-	-
% Pedestrians	100.0	-	100.0	-	-	-	-	100.0	-	-	-	-	87.5	-	-



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Turning Movement Peak Hour Data Plot (4:00 PM)