



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

Count Name: 50 (Ross) Street - 48 Avenue -
AM, NOON & PM
Site Code:
Start Date: 05-29-2025
Page No: 1

Turning Movement Data

Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Eastbound St. Eastbound		Int. Total
	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	Peds	App. Total	
7:00 AM	2	2	0	4	4	16	81	2	3	99	4	9	0	4	13	3	0	116
7:15 AM	8	2	0	4	10	17	96	14	0	127	3	26	0	4	29	9	0	166
7:30 AM	13	3	0	3	16	24	126	17	12	167	6	30	0	14	36	10	0	219
7:45 AM	15	6	0	5	21	34	152	46	14	232	10	44	0	37	54	13	0	307
Hourly Total	38	13	0	16	51	91	455	79	29	625	23	109	0	59	132	35	0	808
8:00 AM	25	7	0	10	32	37	136	43	8	216	9	60	0	10	69	8	0	317
8:15 AM	14	4	0	0	18	26	127	12	7	165	10	35	0	6	45	4	0	228
8:30 AM	22	6	0	7	28	29	152	8	3	189	19	24	0	5	43	6	0	260
8:45 AM	24	3	0	8	27	35	131	9	3	175	19	22	0	7	41	7	0	243
Hourly Total	85	20	0	37	105	127	546	72	21	745	57	141	0	28	198	25	0	1048
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	27	9	0	9	36	21	82	6	8	109	15	14	0	6	29	4	0	174
11:45 AM	37	10	0	9	47	18	82	2	5	102	21	25	0	5	46	7	0	195
Hourly Total	64	19	0	18	83	39	164	8	13	211	36	39	0	11	75	11	0	369
12:00 PM	40	11	0	8	51	21	98	4	5	123	24	26	0	13	50	6	0	224
12:15 PM	19	11	0	9	30	23	107	6	5	136	13	23	0	4	36	13	0	202
12:30 PM	21	9	0	22	30	28	106	6	6	140	18	23	0	10	41	11	0	211
12:45 PM	22	5	0	22	27	47	124	11	11	182	31	27	0	18	58	16	0	267
Hourly Total	102	36	0	61	138	119	435	27	27	581	86	99	0	45	185	46	0	904
1:00 PM	15	6	0	7	21	25	94	7	5	126	22	15	0	5	37	5	0	184
1:15 PM	29	7	0	8	36	25	88	7	0	120	8	23	0	3	31	5	0	187
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	44	13	0	15	57	50	182	14	5	246	30	38	0	8	68	10	0	371
3:00 PM	35	15	0	15	50	25	128	8	15	161	18	23	0	20	41	4	0	252
3:15 PM	39	11	0	8	50	13	124	14	7	151	28	20	0	8	48	5	0	249
3:30 PM	49	11	0	5	60	28	117	5	6	150	13	17	0	9	30	1	0	240
3:45 PM	37	9	0	3	46	28	114	11	4	153	19	23	0	5	42	5	0	241
Hourly Total	160	46	0	31	206	94	483	38	32	615	78	83	0	42	161	15	0	982
4:00 PM	46	14	0	22	60	29	76	2	9	107	21	28	0	13	49	18	0	216
4:15 PM	34	11	0	9	45	28	120	12	6	160	26	22	0	8	48	8	0	253
4:30 PM	90	17	0	54	107	20	94	9	10	123	26	26	0	29	52	26	0	282
4:45 PM	45	7	0	4	52	33	96	11	15	140	19	19	0	6	38	8	0	230
Hourly Total	215	49	0	89	264	110	386	34	40	530	92	95	0	56	187	60	0	981
5:00 PM	36	10	0	12	46	28	115	5	2	148	22	14	0	13	36	6	0	230
5:15 PM	37	12	0	6	49	12	110	9	3	131	27	22	0	5	49	0	0	229

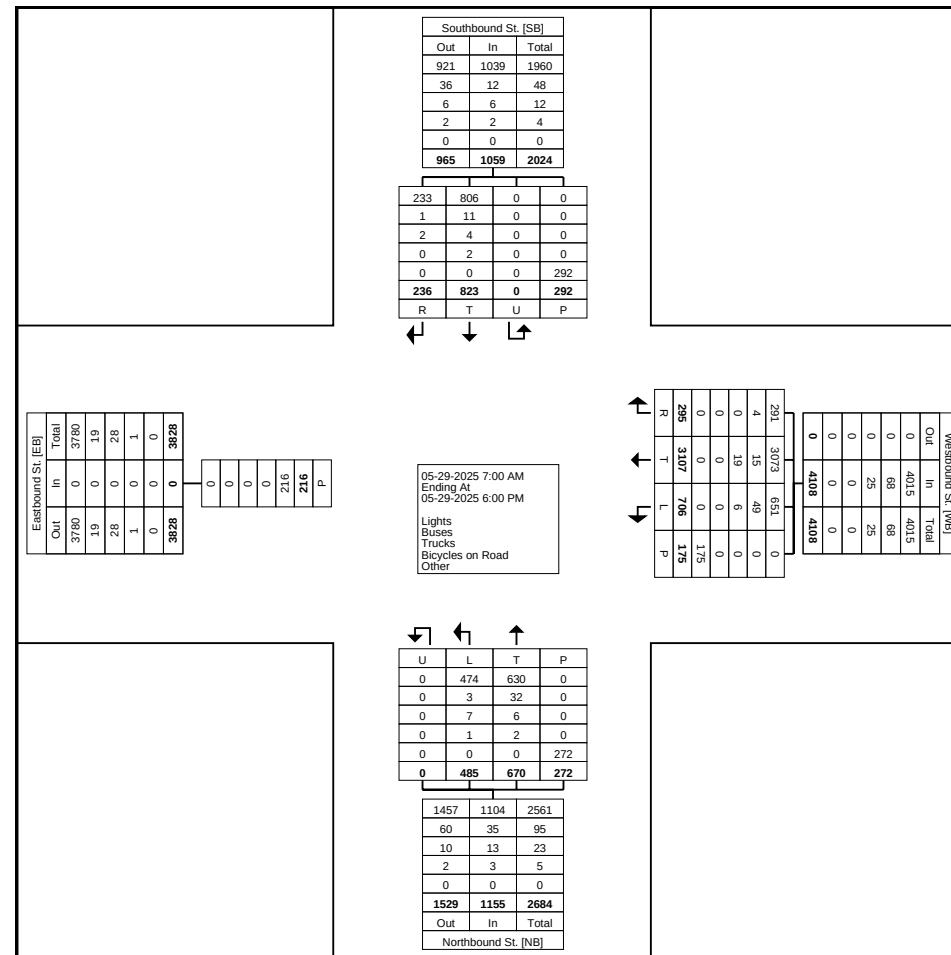
5:30 PM	26	8	0	5	34	15	111	3	2	129	13	16	0	4	29	4	0	192
5:45 PM	16	10	0	2	26	21	120	6	1	147	21	14	0	1	35	4	0	208
Hourly Total	115	40	0	25	155	76	456	23	8	555	83	66	0	23	149	14	0	859
Grand Total	823	236	0	292	1059	706	3107	295	175	4108	485	670	0	272	1155	216	0	6322
Approach %	77.7	22.3	0.0	-	-	17.2	75.6	7.2	-	-	42.0	58.0	0.0	-	-	-	-	-
Total %	13.0	3.7	0.0	-	16.8	11.2	49.1	4.7	-	65.0	7.7	10.6	0.0	-	18.3	-	0.0	-
Lights	806	233	0	-	1039	651	3073	291	-	4015	474	630	0	-	1104	-	0	6158
% Lights	97.9	98.7	-	-	98.1	92.2	98.9	98.6	-	97.7	97.7	94.0	-	-	95.6	-	-	97.4
Buses	11	1	0	-	12	49	15	4	-	68	3	32	0	-	35	-	0	115
% Buses	1.3	0.4	-	-	1.1	6.9	0.5	1.4	-	1.7	0.6	4.8	-	-	3.0	-	-	1.8
Trucks	4	2	0	-	6	6	19	0	-	25	7	6	0	-	13	-	0	44
% Trucks	0.5	0.8	-	-	0.6	0.8	0.6	0.0	-	0.6	1.4	0.9	-	-	1.1	-	-	0.7
Bicycles on Road	2	0	0	-	2	0	0	0	-	0	1	2	0	-	3	-	0	5
% Bicycles on Road	0.2	0.0	-	-	0.2	0.0	0.0	0.0	-	0.0	0.2	0.3	-	-	0.3	-	-	0.1
Bicycles on Crosswalk	-	-	-	11	-	-	-	-	11	-	-	-	-	7	-	3	-	-
% Bicycles on Crosswalk	-	-	-	3.8	-	-	-	-	6.3	-	-	-	-	2.6	-	1.4	-	-
Pedestrians	-	-	-	281	-	-	-	-	164	-	-	-	-	265	-	213	-	-
% Pedestrians	-	-	-	96.2	-	-	-	-	93.7	-	-	-	-	97.4	-	98.6	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (7:45 AM)

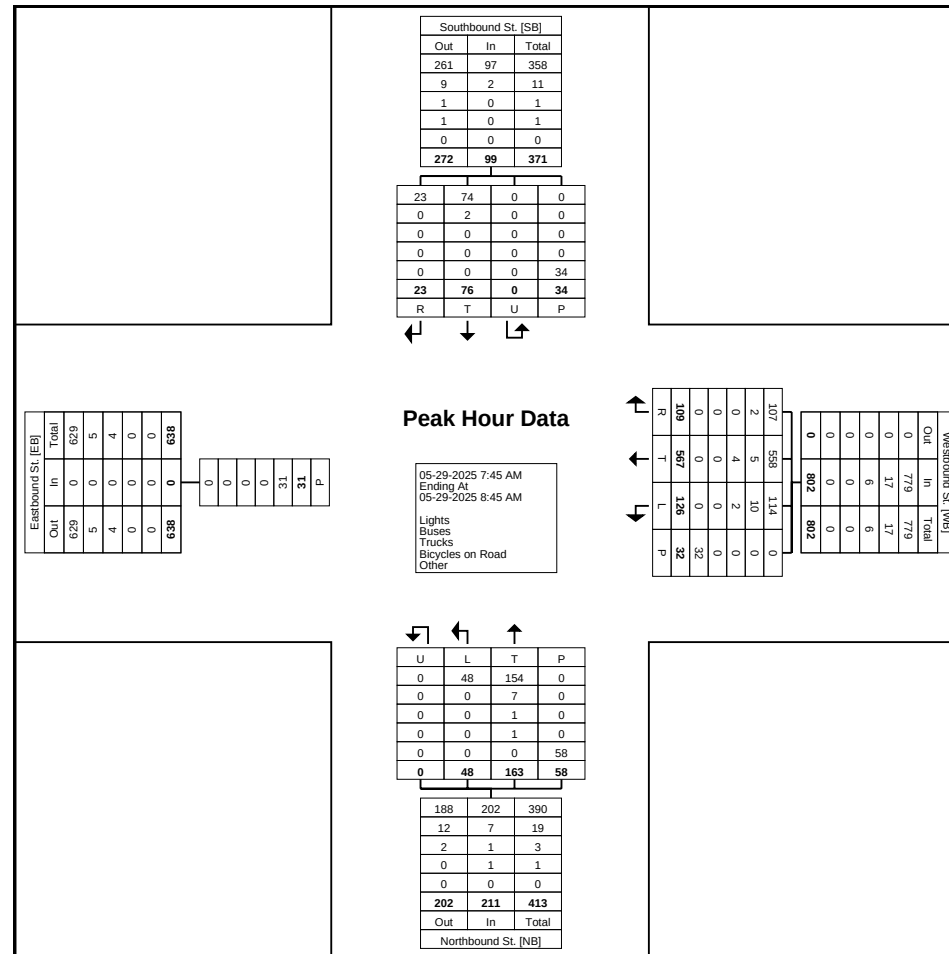
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Eastbound St. Eastbound		Int. Total
	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	Peds	App. Total	
7:45 AM	15	6	0	5	21	34	152	46	14	232	10	44	0	37	54	13	0	307
8:00 AM	25	7	0	10	32	37	136	43	8	216	9	60	0	10	69	8	0	317
8:15 AM	14	4	0	12	18	26	127	12	7	165	10	35	0	6	45	4	0	228
8:30 AM	22	6	0	7	28	29	152	8	3	189	19	24	0	5	43	6	0	260
Total	76	23	0	34	99	126	567	109	32	802	48	163	0	58	211	31	0	1112
Approach %	76.8	23.2	0.0	-	-	15.7	70.7	13.6	-	-	22.7	77.3	0.0	-	-	-	-	-
Total %	6.8	2.1	0.0	-	8.9	11.3	51.0	9.8	-	72.1	4.3	14.7	0.0	-	19.0	-	0.0	-
PHF	0.760	0.821	0.000	-	0.773	0.851	0.933	0.592	-	0.864	0.632	0.679	0.000	-	0.764	-	0.000	0.877
Lights	74	23	0	-	97	114	558	107	-	779	48	154	0	-	202	-	0	1078
% Lights	97.4	100.0	-	-	98.0	90.5	98.4	98.2	-	97.1	100.0	94.5	-	-	95.7	-	-	96.9
Buses	2	0	0	-	2	10	5	2	-	17	0	7	0	-	7	-	0	26
% Buses	2.6	0.0	-	-	2.0	7.9	0.9	1.8	-	2.1	0.0	4.3	-	-	3.3	-	-	2.3
Trucks	0	0	0	-	0	2	4	0	-	6	0	1	0	-	1	-	0	7
% Trucks	0.0	0.0	-	-	0.0	1.6	0.7	0.0	-	0.7	0.0	0.6	-	-	0.5	-	-	0.6
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	1	0	-	1	-	0	1
% Bicycles on Road	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	0.0	0.0	0.6	-	-	0.5	-	-	0.1
Bicycles on Crosswalk	-	-	-	1	-	-	-	-	1	-	-	-	-	3	-	0	-	-
% Bicycles on Crosswalk	-	-	-	2.9	-	-	-	-	3.1	-	-	-	-	5.2	-	0.0	-	-
Pedestrians	-	-	-	33	-	-	-	-	31	-	-	-	-	55	-	31	-	-
% Pedestrians	-	-	-	97.1	-	-	-	-	96.9	-	-	-	-	94.8	-	100.0	-	-



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Turning Movement Peak Hour Data (12:00 PM)

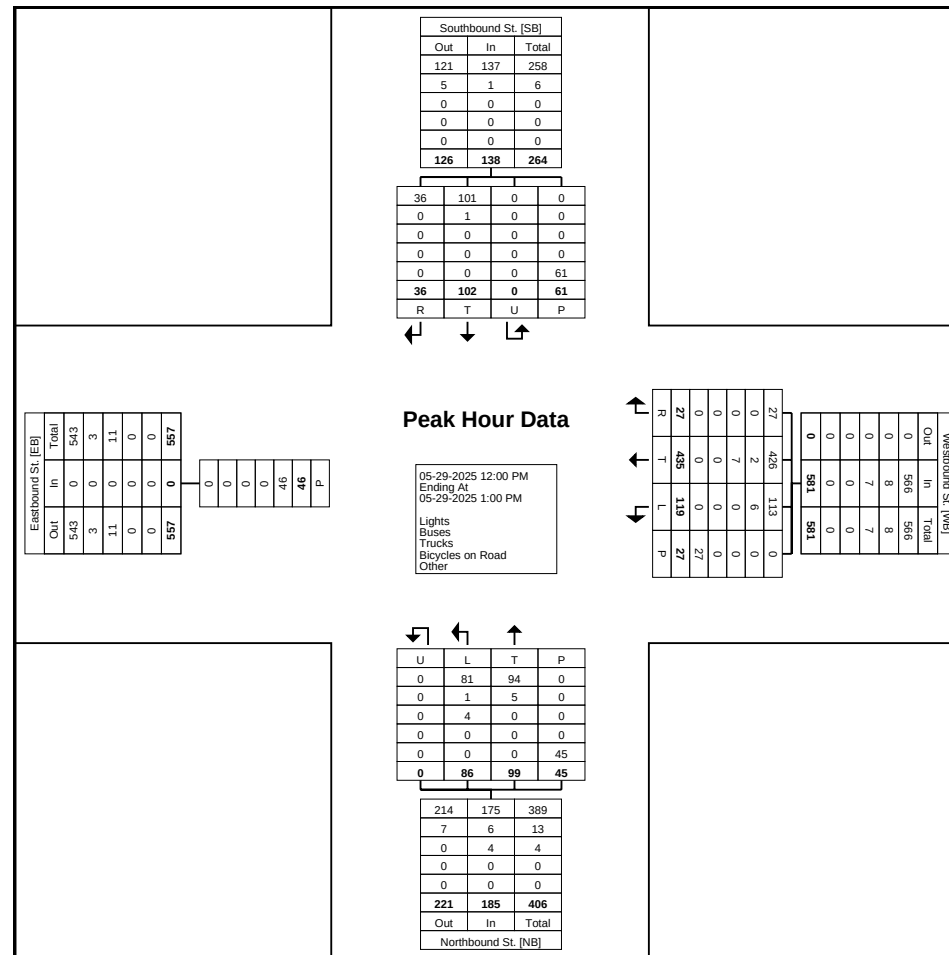
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Eastbound St. Eastbound		Int. Total
	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	Peds	App. Total	
12:00 PM	40	11	0	8	51	21	98	4	5	123	24	26	0	13	50	6	0	224
12:15 PM	19	11	0	9	30	23	107	6	5	136	13	23	0	4	36	13	0	202
12:30 PM	21	9	0	22	30	28	106	6	6	140	18	23	0	10	41	11	0	211
12:45 PM	22	5	0	22	27	47	124	11	11	182	31	27	0	18	58	16	0	267
Total	102	36	0	61	138	119	435	27	27	581	86	99	0	45	185	46	0	904
Approach %	73.9	26.1	0.0	-	-	20.5	74.9	4.6	-	-	46.5	53.5	0.0	-	-	-	-	-
Total %	11.3	4.0	0.0	-	15.3	13.2	48.1	3.0	-	64.3	9.5	11.0	0.0	-	20.5	-	0.0	-
PHF	0.638	0.818	0.000	-	0.676	0.633	0.877	0.614	-	0.798	0.694	0.917	0.000	-	0.797	-	0.000	0.846
Lights	101	36	0	-	137	113	426	27	-	566	81	94	0	-	175	-	0	878
% Lights	99.0	100.0	-	-	99.3	95.0	97.9	100.0	-	97.4	94.2	94.9	-	-	94.6	-	-	97.1
Buses	1	0	0	-	1	6	2	0	-	8	1	5	0	-	6	-	0	15
% Buses	1.0	0.0	-	-	0.7	5.0	0.5	0.0	-	1.4	1.2	5.1	-	-	3.2	-	-	1.7
Trucks	0	0	0	-	0	0	7	0	-	7	4	0	0	-	4	-	0	11
% Trucks	0.0	0.0	-	-	0.0	0.0	1.6	0.0	-	1.2	4.7	0.0	-	-	2.2	-	-	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	-	-	-	8	-	-	-	-	2	-	-	-	-	0	-	0	-	-
% Bicycles on Crosswalk	-	-	-	13.1	-	-	-	-	7.4	-	-	-	-	0.0	-	0.0	-	-
Pedestrians	-	-	-	53	-	-	-	-	25	-	-	-	-	45	-	46	-	-
% Pedestrians	-	-	-	86.9	-	-	-	-	92.6	-	-	-	-	100.0	-	100.0	-	-



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Turning Movement Peak Hour Data (4:15 PM)

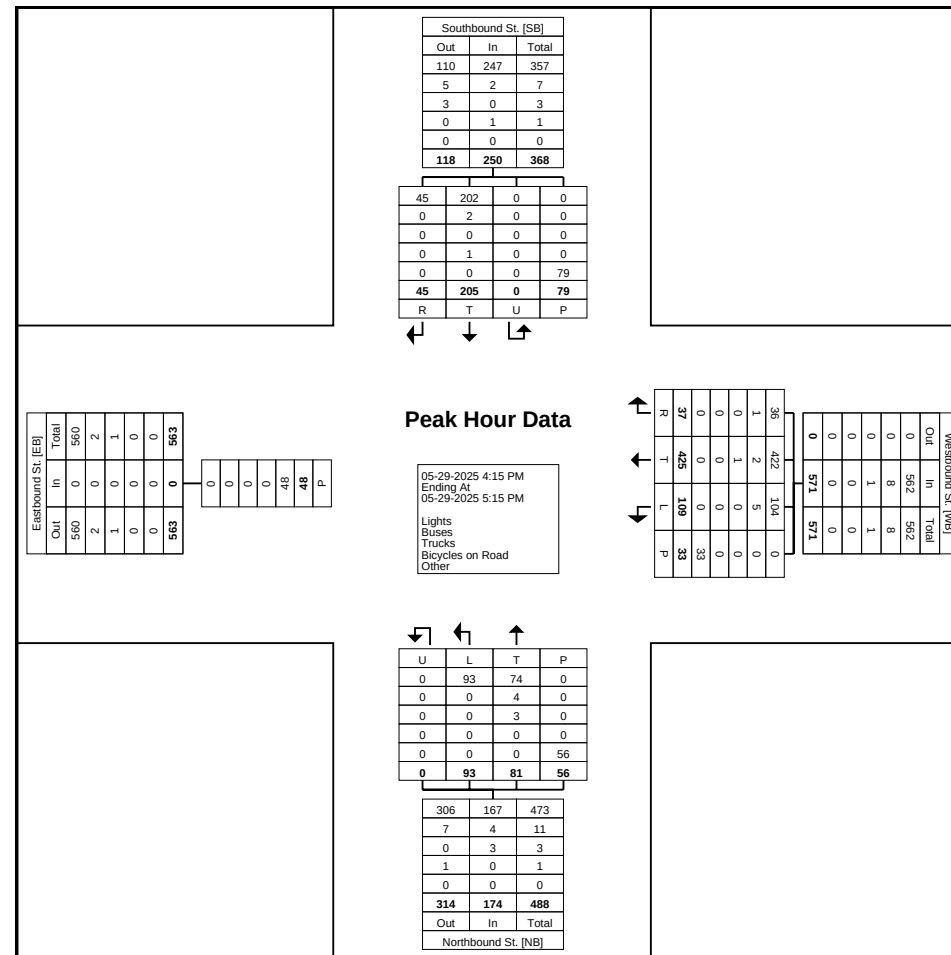
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	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	Peds	App. Total	
4:15 PM	34	11	0	9	45	28	120	12	6	160	26	22	0	8	48	8	0	253
4:30 PM	90	17	0	54	107	20	94	9	10	123	26	26	0	29	52	26	0	282
4:45 PM	45	7	0	4	52	33	96	11	15	140	19	19	0	6	38	8	0	230
5:00 PM	36	10	0	12	46	28	115	5	2	148	22	14	0	13	36	6	0	230
Total	205	45	0	79	250	109	425	37	33	571	93	81	0	56	174	48	0	995
Approach %	82.0	18.0	0.0	-	-	19.1	74.4	6.5	-	-	53.4	46.6	0.0	-	-	-	-	-
Total %	20.6	4.5	0.0	-	25.1	11.0	42.7	3.7	-	57.4	9.3	8.1	0.0	-	17.5	-	0.0	-
PHF	0.569	0.662	0.000	-	0.584	0.826	0.885	0.771	-	0.892	0.894	0.779	0.000	-	0.837	-	0.000	0.882
Lights	202	45	0	-	247	104	422	36	-	562	93	74	0	-	167	-	0	976
% Lights	98.5	100.0	-	-	98.8	95.4	99.3	97.3	-	98.4	100.0	91.4	-	-	96.0	-	-	98.1
Buses	2	0	0	-	2	5	2	1	-	8	0	4	0	-	4	-	0	14
% Buses	1.0	0.0	-	-	0.8	4.6	0.5	2.7	-	1.4	0.0	4.9	-	-	2.3	-	-	1.4
Trucks	0	0	0	-	0	0	1	0	-	1	0	3	0	-	3	-	0	4
% Trucks	0.0	0.0	-	-	0.0	0.0	0.2	0.0	-	0.2	0.0	3.7	-	-	1.7	-	-	0.4
Bicycles on Road	1	0	0	-	1	0	0	0	-	0	0	0	0	-	0	-	0	1
% Bicycles on Road	0.5	0.0	-	-	0.4	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-	0.0	-	-	0.1
Bicycles on Crosswalk	-	-	-	0	-	-	-	-	4	-	-	-	-	1	-	2	-	-
% Bicycles on Crosswalk	-	-	-	0.0	-	-	-	-	12.1	-	-	-	-	1.8	-	4.2	-	-
Pedestrians	-	-	-	79	-	-	-	-	29	-	-	-	-	55	-	46	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	87.9	-	-	-	-	98.2	-	95.8	-	-



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