



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

Count Name: 43 Street - 50 Avenue - AM,
NOON & PM
Site Code:
Start Date: 07/24/2025
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	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
7:00 AM	1	75	6	2	82	21	40	0	0	61	6	0	15	17	0	2	32	175
7:15 AM	4	93	10	1	107	26	37	0	2	63	2	0	21	18	0	1	39	209
7:30 AM	5	99	13	0	117	30	53	0	4	83	4	0	22	23	0	3	45	245
7:45 AM	10	129	24	4	163	44	60	0	4	104	8	0	29	39	0	3	68	335
Hourly Total	20	396	53	7	469	121	190	0	10	311	20	0	87	97	0	9	184	964
8:00 AM	7	92	12	3	111	24	50	0	5	74	1	0	25	23	0	3	48	233
8:15 AM	13	103	8	4	124	16	49	0	6	65	2	0	26	18	0	3	44	233
8:30 AM	16	142	7	2	165	13	29	0	4	42	10	0	26	16	0	10	42	249
8:45 AM	11	150	12	2	173	24	27	0	2	51	5	0	32	20	0	11	52	276
Hourly Total	47	487	39	11	573	77	155	0	17	232	18	0	109	77	0	27	186	991
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	30	190	26	10	246	9	10	0	5	19	5	0	29	18	0	10	47	312
11:45 AM	21	230	17	4	268	3	12	0	3	15	3	0	31	14	0	5	45	328
Hourly Total	51	420	43	14	514	12	22	0	8	34	8	0	60	32	0	15	92	640
12:00 PM	24	233	25	8	282	9	16	0	6	25	5	0	31	32	0	4	63	370
12:15 PM	21	202	20	8	243	4	13	0	4	17	3	0	39	27	0	9	66	326
12:30 PM	22	241	18	3	281	10	17	0	3	27	8	0	40	32	0	7	72	380
12:45 PM	23	201	28	5	252	8	17	0	8	25	7	0	33	27	0	4	60	337
Hourly Total	90	877	91	24	1058	31	63	0	21	94	23	0	143	118	0	24	261	1413
1:00 PM	11	214	20	1	245	6	13	0	1	19	5	0	43	24	0	9	67	331
1:15 PM	27	234	24	2	285	4	9	0	5	13	5	0	33	26	0	4	59	357
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	38	448	44	3	530	10	22	0	6	32	10	0	76	50	0	13	126	688
3:00 PM	25	237	17	3	279	12	22	0	5	34	8	0	56	19	0	8	75	388
3:15 PM	14	210	18	8	242	21	40	0	2	61	6	0	85	24	0	8	109	412
3:30 PM	33	223	25	7	281	21	33	0	5	54	4	0	75	30	0	13	105	440
3:45 PM	31	204	19	5	254	22	35	0	0	57	5	0	72	36	0	3	108	419
Hourly Total	103	874	79	23	1056	76	130	0	12	206	23	0	288	109	0	32	397	1659
4:00 PM	31	220	21	5	272	15	33	0	4	48	2	0	83	17	0	10	100	420
4:15 PM	32	202	15	5	249	21	24	0	3	45	5	0	73	24	0	6	97	391
4:30 PM	48	231	16	7	295	14	33	0	6	47	9	0	75	17	0	8	92	434
4:45 PM	42	221	13	0	276	18	35	0	8	53	5	0	46	15	0	7	61	390
Hourly Total	153	874	65	17	1092	68	125	0	21	193	21	0	277	73	0	31	350	1635
5:00 PM	46	197	12	4	255	8	28	0	5	36	7	0	71	29	0	10	100	391
5:15 PM	35	191	11	5	237	9	26	0	5	35	4	0	60	18	0	5	78	350

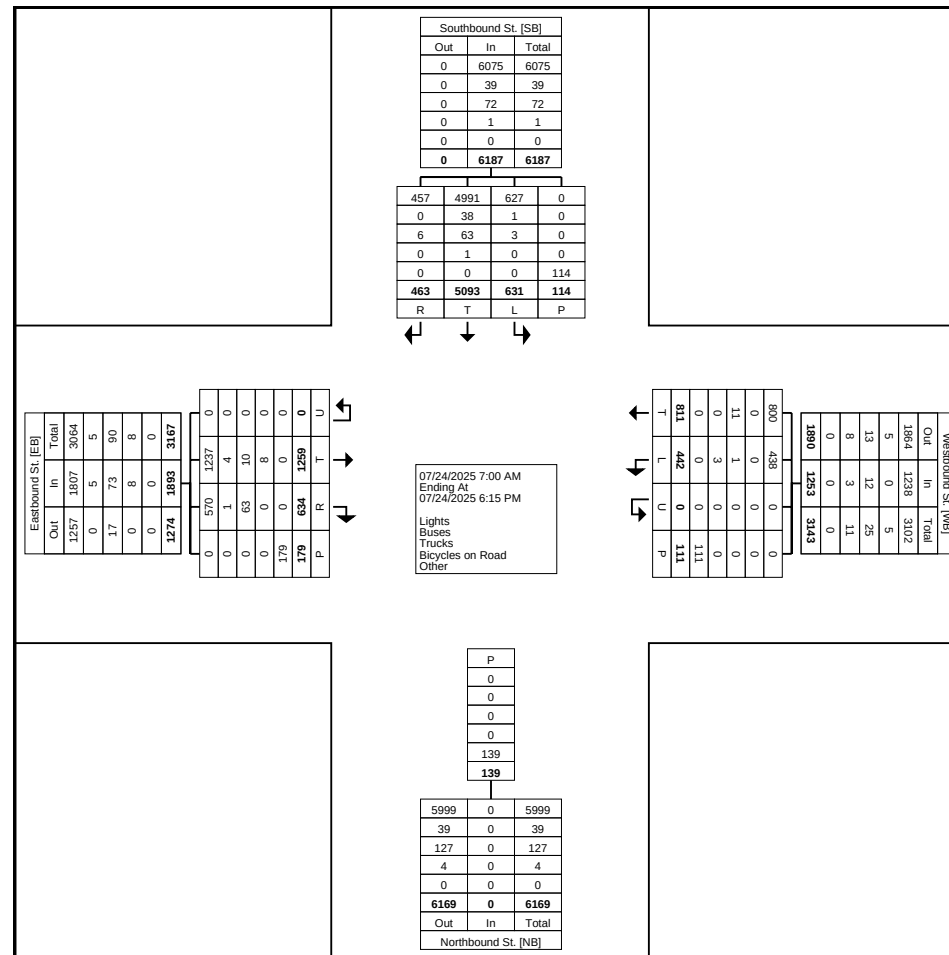
5:30 PM	28	158	12	1	198	21	26	0	1	47	3	0	45	17	0	6	62	307
5:45 PM	20	171	14	5	205	9	24	0	5	33	2	0	43	14	0	7	57	295
Hourly Total	129	717	49	15	895	47	104	0	16	151	16	0	219	78	0	28	297	1343
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	631	5093	463	114	6187	442	811	0	111	1253	139	0	1259	634	0	179	1893	9333
Approach %	10.2	82.3	7.5	-	-	35.3	64.7	0.0	-	-	-	-	66.5	33.5	0.0	-	-	-
Total %	6.8	54.6	5.0	-	66.3	4.7	8.7	0.0	-	13.4	-	0.0	13.5	6.8	0.0	-	20.3	-
Lights	627	4991	457	-	6075	438	800	0	-	1238	-	0	1237	570	0	-	1807	9120
% Lights	99.4	98.0	98.7	-	98.2	99.1	98.6	-	-	98.8	-	-	98.3	89.9	-	-	95.5	97.7
Buses	1	38	0	-	39	0	0	0	-	0	-	0	4	1	0	-	5	44
% Buses	0.2	0.7	0.0	-	0.6	0.0	0.0	-	-	0.0	-	-	0.3	0.2	-	-	0.3	0.5
Trucks	3	63	6	-	72	1	11	0	-	12	-	0	10	63	0	-	73	157
% Trucks	0.5	1.2	1.3	-	1.2	0.2	1.4	-	-	1.0	-	-	0.8	9.9	-	-	3.9	1.7
Bicycles on Road	0	1	0	-	1	3	0	0	-	3	-	0	8	0	0	-	8	12
% Bicycles on Road	0.0	0.0	0.0	-	0.0	0.7	0.0	-	-	0.2	-	-	0.6	0.0	-	-	0.4	0.1
Bicycles on Crosswalk	-	-	-	17	-	-	-	-	27	-	51	-	-	-	-	35	-	-
% Bicycles on Crosswalk	-	-	-	14.9	-	-	-	-	24.3	-	36.7	-	-	-	-	19.6	-	-
Pedestrians	-	-	-	97	-	-	-	-	84	-	88	-	-	-	-	144	-	-
% Pedestrians	-	-	-	85.1	-	-	-	-	75.7	-	63.3	-	-	-	-	80.4	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (7:45 AM)

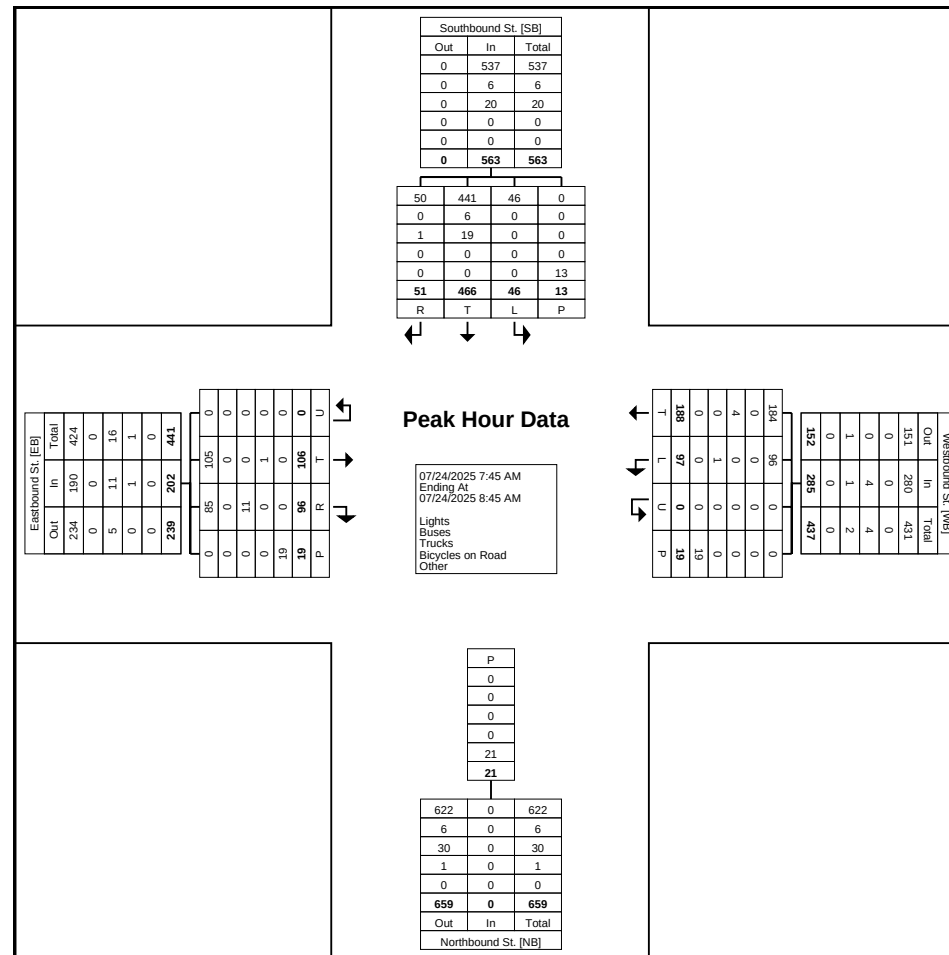
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound		Eastbound St. Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
7:45 AM	10	129	24	4	163	44	60	0	4	104	8	0	29	39	0	3	68	335
8:00 AM	7	92	12	3	111	24	50	0	5	74	1	0	25	23	0	3	48	233
8:15 AM	13	103	8	4	124	16	49	0	6	65	2	0	26	18	0	3	44	233
8:30 AM	16	142	7	2	165	13	29	0	4	42	10	0	26	16	0	10	42	249
Total	46	466	51	13	563	97	188	0	19	285	21	0	106	96	0	19	202	1050
Approach %	8.2	82.8	9.1	-	-	34.0	66.0	0.0	-	-	-	-	52.5	47.5	0.0	-	-	-
Total %	4.4	44.4	4.9	-	53.6	9.2	17.9	0.0	-	27.1	-	0.0	10.1	9.1	0.0	-	19.2	-
PHF	0.719	0.820	0.531	-	0.853	0.551	0.783	0.000	-	0.685	-	0.000	0.914	0.615	0.000	-	0.743	0.784
Lights	46	441	50	-	537	96	184	0	-	280	-	0	105	85	0	-	190	1007
% Lights	100.0	94.6	98.0	-	95.4	99.0	97.9	-	-	98.2	-	-	99.1	88.5	-	-	94.1	95.9
Buses	0	6	0	-	6	0	0	0	-	0	-	0	0	0	0	-	0	6
% Buses	0.0	1.3	0.0	-	1.1	0.0	0.0	-	-	0.0	-	-	0.0	0.0	-	-	0.0	0.6
Trucks	0	19	1	-	20	0	4	0	-	4	-	0	0	11	0	-	11	35
% Trucks	0.0	4.1	2.0	-	3.6	0.0	2.1	-	-	1.4	-	-	0.0	11.5	-	-	5.4	3.3
Bicycles on Road	0	0	0	-	0	1	0	0	-	1	-	0	1	0	0	-	1	2
% Bicycles on Road	0.0	0.0	0.0	-	0.0	1.0	0.0	-	-	0.4	-	-	0.9	0.0	-	-	0.5	0.2
Bicycles on Crosswalk	-	-	-	3	-	-	-	-	4	-	4	-	-	-	-	2	-	-
% Bicycles on Crosswalk	-	-	-	23.1	-	-	-	-	21.1	-	19.0	-	-	-	-	10.5	-	-
Pedestrians	-	-	-	10	-	-	-	-	15	-	17	-	-	-	-	17	-	-
% Pedestrians	-	-	-	76.9	-	-	-	-	78.9	-	81.0	-	-	-	-	89.5	-	-



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Turning Movement Peak Hour Data (12:00 PM)

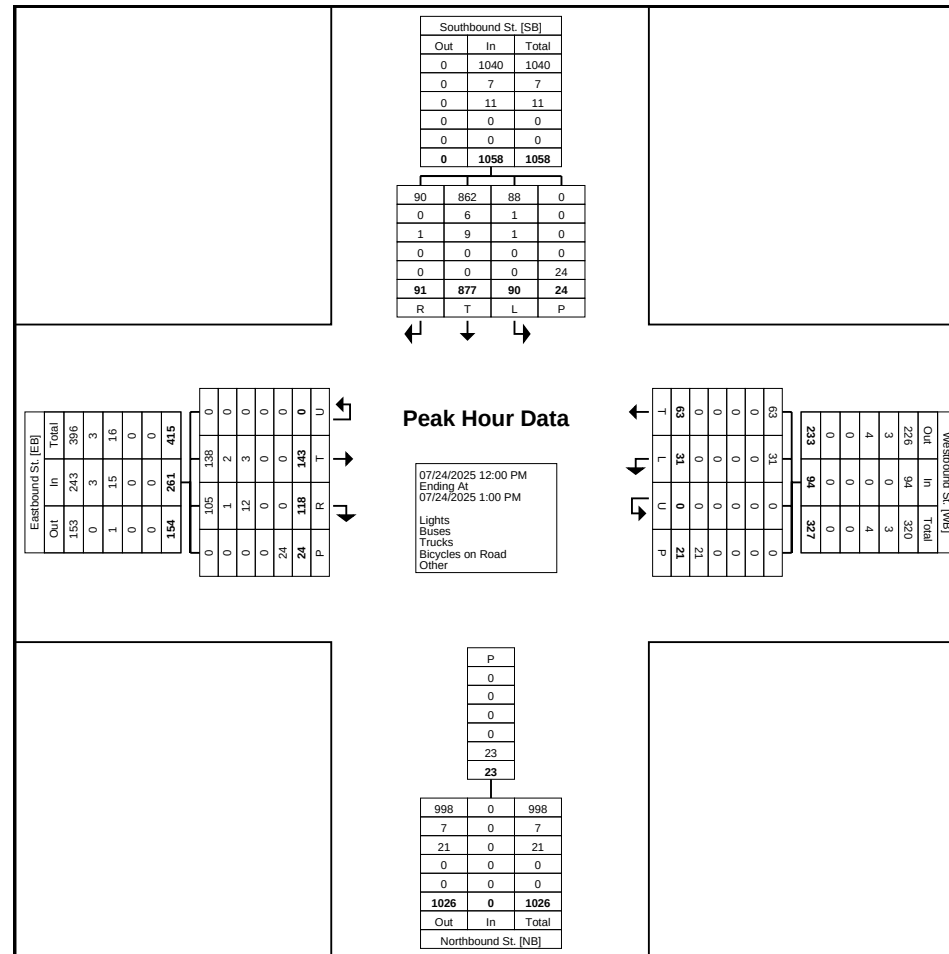
Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound		Eastbound St. Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	
12:00 PM	24	233	25	8	282	9	16	0	6	25	5	0	31	32	0	4	63	370
12:15 PM	21	202	20	8	243	4	13	0	4	17	3	0	39	27	0	9	66	326
12:30 PM	22	241	18	3	281	10	17	0	3	27	8	0	40	32	0	7	72	380
12:45 PM	23	201	28	5	252	8	17	0	8	25	7	0	33	27	0	4	60	337
Total	90	877	91	24	1058	31	63	0	21	94	23	0	143	118	0	24	261	1413
Approach %	8.5	82.9	8.6	-	-	33.0	67.0	0.0	-	-	-	-	54.8	45.2	0.0	-	-	-
Total %	6.4	62.1	6.4	-	74.9	2.2	4.5	0.0	-	6.7	-	0.0	10.1	8.4	0.0	-	18.5	-
PHF	0.938	0.910	0.813	-	0.938	0.775	0.926	0.000	-	0.870	-	0.000	0.894	0.922	0.000	-	0.906	0.930
Lights	88	862	90	-	1040	31	63	0	-	94	-	0	138	105	0	-	243	1377
% Lights	97.8	98.3	98.9	-	98.3	100.0	100.0	-	-	100.0	-	-	96.5	89.0	-	-	93.1	97.5
Buses	1	6	0	-	7	0	0	0	-	0	-	0	2	1	0	-	3	10
% Buses	1.1	0.7	0.0	-	0.7	0.0	0.0	-	-	0.0	-	-	1.4	0.8	-	-	1.1	0.7
Trucks	1	9	1	-	11	0	0	0	-	0	-	0	3	12	0	-	15	26
% Trucks	1.1	1.0	1.1	-	1.0	0.0	0.0	-	-	0.0	-	-	2.1	10.2	-	-	5.7	1.8
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	-	-	-	3	-	-	-	-	5	-	7	-	-	-	-	4	-	-
% Bicycles on Crosswalk	-	-	-	12.5	-	-	-	-	23.8	-	30.4	-	-	-	-	16.7	-	-
Pedestrians	-	-	-	21	-	-	-	-	16	-	16	-	-	-	-	20	-	-
% Pedestrians	-	-	-	87.5	-	-	-	-	76.2	-	69.6	-	-	-	-	83.3	-	-



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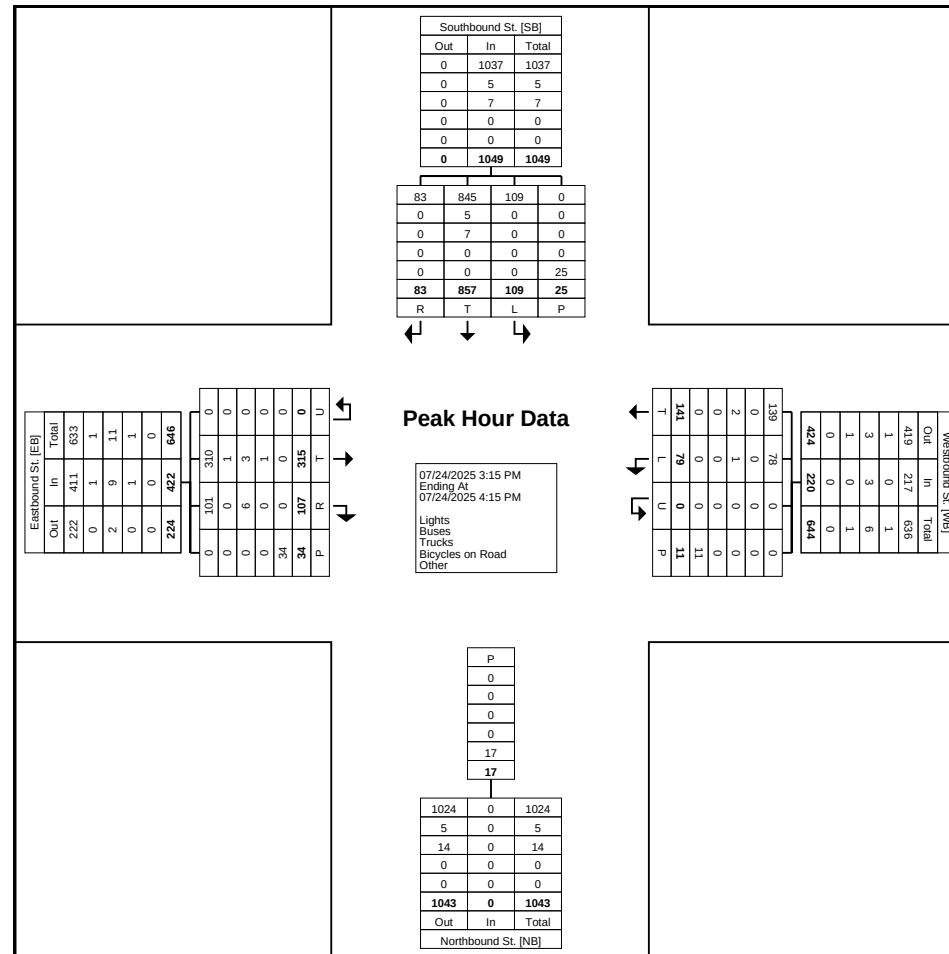
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3:15 PM	14	210	18	8	242	21	40	0	2	61	6	0	85	24	0	8	109	412
3:30 PM	33	223	25	7	281	21	33	0	5	54	4	0	75	30	0	13	105	440
3:45 PM	31	204	19	5	254	22	35	0	0	57	5	0	72	36	0	3	108	419
4:00 PM	31	220	21	5	272	15	33	0	4	48	2	0	83	17	0	10	100	420
Total	109	857	83	25	1049	79	141	0	11	220	17	0	315	107	0	34	422	1691
Approach %	10.4	81.7	7.9	-	-	35.9	64.1	0.0	-	-	-	-	74.6	25.4	0.0	-	-	-
Total %	6.4	50.7	4.9	-	62.0	4.7	8.3	0.0	-	13.0	-	0.0	18.6	6.3	0.0	-	25.0	-
PHF	0.826	0.961	0.830	-	0.933	0.898	0.881	0.000	-	0.902	-	0.000	0.926	0.743	0.000	-	0.968	0.961
Lights	109	845	83	-	1037	78	139	0	-	217	-	0	310	101	0	-	411	1665
% Lights	100.0	98.6	100.0	-	98.9	98.7	98.6	-	-	98.6	-	-	98.4	94.4	-	-	97.4	98.5
Buses	0	5	0	-	5	0	0	0	-	0	-	0	1	0	0	-	1	6
% Buses	0.0	0.6	0.0	-	0.5	0.0	0.0	-	-	0.0	-	-	0.3	0.0	-	-	0.2	0.4
Trucks	0	7	0	-	7	1	2	0	-	3	-	0	3	6	0	-	9	19
% Trucks	0.0	0.8	0.0	-	0.7	1.3	1.4	-	-	1.4	-	-	1.0	5.6	-	-	2.1	1.1
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	-	0	1	0	0	-	1	1
% Bicycles on Road	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-	0.0	-	-	0.3	0.0	-	-	0.2	0.1
Bicycles on Crosswalk	-	-	-	3	-	-	-	-	2	-	12	-	-	-	-	5	-	-
% Bicycles on Crosswalk	-	-	-	12.0	-	-	-	-	18.2	-	70.6	-	-	-	-	14.7	-	-
Pedestrians	-	-	-	22	-	-	-	-	9	-	5	-	-	-	-	29	-	-
% Pedestrians	-	-	-	88.0	-	-	-	-	81.8	-	29.4	-	-	-	-	85.3	-	-



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