



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 - 49 Avenue - AM,
NOON & PM
Site Code:
Start Date: 06-05-2025
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	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	
7:00 AM	0	0	19	83	0	3	102	7	64	5	0	76	8	50	0	0	58	236
7:15 AM	1	0	21	94	0	3	115	5	94	6	2	105	14	82	0	0	96	316
7:30 AM	0	0	20	140	0	2	160	9	124	18	4	151	9	97	0	0	106	417
7:45 AM	1	0	35	144	0	1	179	13	138	26	5	177	18	168	0	1	186	542
Hourly Total	2	0	95	461	0	9	556	34	420	55	11	509	49	397	0	1	446	1511
8:00 AM	1	0	63	126	0	3	189	11	119	26	3	156	5	186	0	0	191	536
8:15 AM	1	0	81	156	0	2	237	13	110	29	2	152	12	195	0	3	207	596
8:30 AM	0	0	79	142	0	1	221	8	142	16	0	166	16	141	0	0	157	544
8:45 AM	2	0	48	131	0	0	179	9	176	16	0	201	10	102	0	2	112	492
Hourly Total	4	0	271	555	0	6	826	41	547	87	5	675	43	624	0	5	667	2168
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:30 AM	0	0	41	102	0	2	143	6	215	12	5	233	23	101	0	0	124	500
11:45 AM	1	0	35	88	0	4	123	7	214	23	4	244	26	90	0	0	116	483
Hourly Total	1	0	76	190	0	6	266	13	429	35	9	477	49	191	0	0	240	983
12:00 PM	1	0	29	132	0	6	161	10	265	23	4	298	29	120	0	2	149	608
12:15 PM	0	0	38	78	0	2	116	13	234	13	4	260	26	90	0	1	116	492
12:30 PM	1	0	27	94	0	1	121	7	220	11	3	238	12	94	0	1	106	465
12:45 PM	0	0	21	110	0	5	131	12	229	14	3	255	23	93	0	2	116	502
Hourly Total	2	0	115	414	0	14	529	42	948	61	14	1051	90	397	0	6	487	2067
1:00 PM	0	0	23	83	0	4	106	5	222	9	4	236	14	93	0	0	107	449
1:15 PM	0	0	25	90	0	5	115	4	188	14	2	206	29	96	0	0	125	446
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hourly Total	0	0	48	173	0	9	221	9	410	23	6	442	43	189	0	0	232	895
3:00 PM	0	0	33	115	0	2	148	9	241	41	4	291	23	161	0	0	184	623
3:15 PM	3	0	86	203	0	5	289	10	232	23	2	265	20	126	0	0	146	700
3:30 PM	0	0	76	189	0	5	265	9	246	17	1	272	22	127	0	0	149	686
3:45 PM	0	0	34	130	0	4	164	10	262	16	2	288	23	140	0	0	163	615
Hourly Total	3	0	229	637	0	16	866	38	981	97	9	1116	88	554	0	0	642	2624
4:00 PM	1	0	22	126	0	6	148	10	280	24	2	314	17	144	0	0	161	623
4:15 PM	0	0	30	137	0	6	167	8	289	22	6	319	21	133	0	2	154	640
4:30 PM	0	0	28	137	0	3	165	11	309	25	5	345	29	158	0	0	187	697
4:45 PM	0	0	40	123	0	5	163	5	264	22	4	291	22	198	0	0	220	674
Hourly Total	1	0	120	523	0	20	643	34	1142	93	17	1269	89	633	0	2	722	2634
5:00 PM	1	0	21	117	0	3	138	2	255	15	1	272	37	204	0	2	241	651
5:15 PM	0	0	27	108	0	4	135	5	208	18	3	231	29	180	0	0	209	575

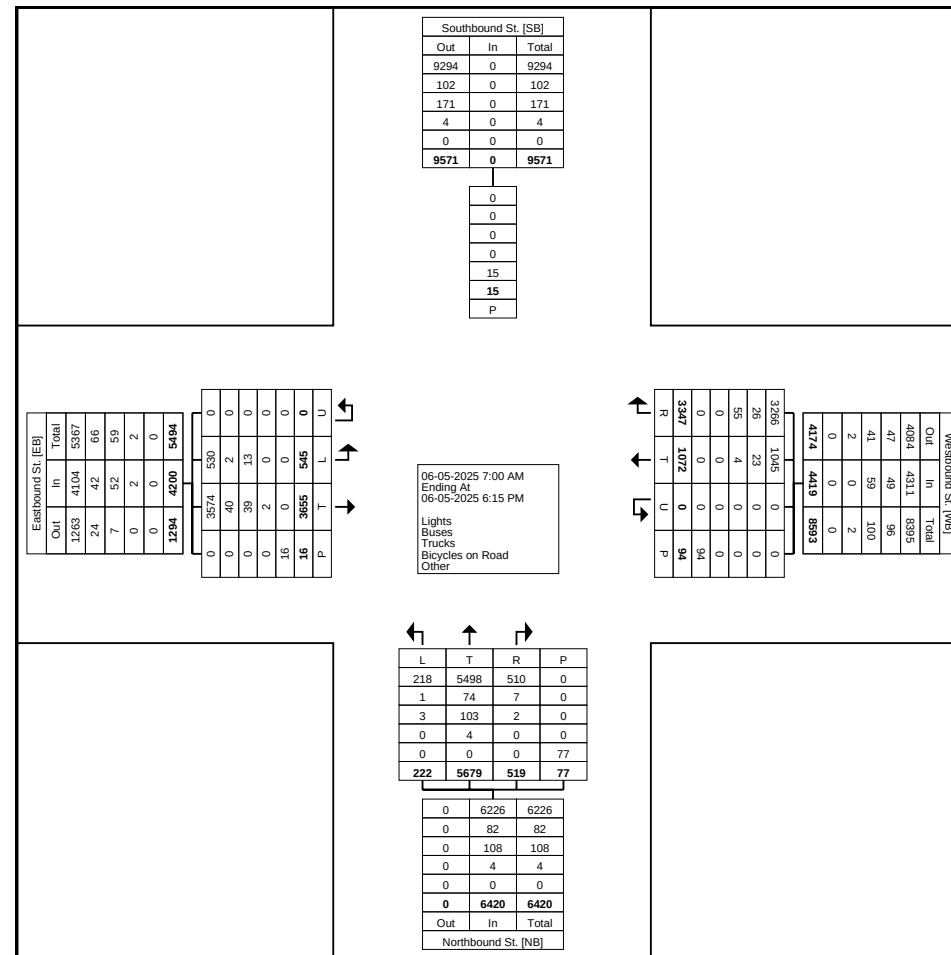
5:30 PM	1	0	28	81	0	2	109	1	174	24	1	199	10	121	0	0	131	439
5:45 PM	0	0	42	88	0	5	130	3	165	11	1	179	18	165	0	0	183	492
Hourly Total	2	0	118	394	0	14	512	11	802	68	6	881	94	670	0	2	764	2157
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	15	0	1072	3347	0	94	4419	222	5679	519	77	6420	545	3655	0	16	4200	15039
Approach %	-	-	24.3	75.7	0.0	-	-	3.5	88.5	8.1	-	-	13.0	87.0	0.0	-	-	-
Total %	-	0.0	7.1	22.3	0.0	-	29.4	1.5	37.8	3.5	-	42.7	3.6	24.3	0.0	-	27.9	-
Lights	-	0	1045	3266	0	-	4311	218	5498	510	-	6226	530	3574	0	-	4104	14641
% Lights	-	-	97.5	97.6	-	-	97.6	98.2	96.8	98.3	-	97.0	97.2	97.8	-	-	97.7	97.4
Buses	-	0	23	26	0	-	49	1	74	7	-	82	2	40	0	-	42	173
% Buses	-	-	2.1	0.8	-	-	1.1	0.5	1.3	1.3	-	1.3	0.4	1.1	-	-	1.0	1.2
Trucks	-	0	4	55	0	-	59	3	103	2	-	108	13	39	0	-	52	219
% Trucks	-	-	0.4	1.6	-	-	1.3	1.4	1.8	0.4	-	1.7	2.4	1.1	-	-	1.2	1.5
Bicycles on Road	-	0	0	0	0	-	0	0	4	0	-	4	0	2	0	-	2	6
% Bicycles on Road	-	-	0.0	0.0	-	-	0.0	0.0	0.1	0.0	-	0.1	0.0	0.1	-	-	0.0	0.0
Bicycles on Crosswalk	7	-	-	-	-	38	-	-	-	-	17	-	-	-	-	2	-	-
% Bicycles on Crosswalk	46.7	-	-	-	-	40.4	-	-	-	-	22.1	-	-	-	-	12.5	-	-
Pedestrians	8	-	-	-	-	56	-	-	-	-	60	-	-	-	-	14	-	-
% Pedestrians	53.3	-	-	-	-	59.6	-	-	-	-	77.9	-	-	-	-	87.5	-	-



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Turning Movement Data Plot



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Turning Movement Peak Hour Data (7:45 AM)

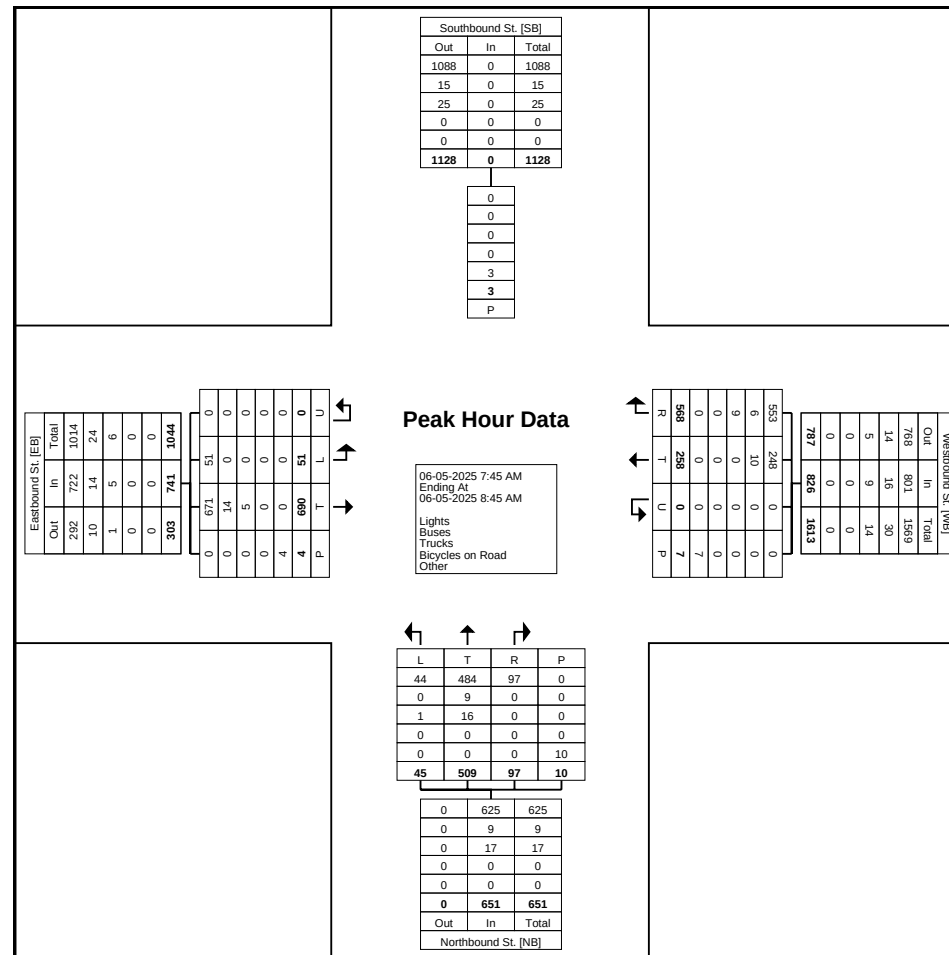
Start Time	Southbound St.		Westbound St.					Northbound St.					Eastbound St.					Int. Total
	Southbound		Westbound					Northbound					Eastbound					
	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	
7:45 AM	1	0	35	144	0	1	179	13	138	26	5	177	18	168	0	1	186	542
8:00 AM	1	0	63	126	0	3	189	11	119	26	3	156	5	186	0	0	191	536
8:15 AM	1	0	81	156	0	2	237	13	110	29	2	152	12	195	0	3	207	596
8:30 AM	0	0	79	142	0	1	221	8	142	16	0	166	16	141	0	0	157	544
Total	3	0	258	568	0	7	826	45	509	97	10	651	51	690	0	4	741	2218
Approach %	-	-	31.2	68.8	0.0	-	-	6.9	78.2	14.9	-	-	6.9	93.1	0.0	-	-	-
Total %	-	0.0	11.6	25.6	0.0	-	37.2	2.0	22.9	4.4	-	29.4	2.3	31.1	0.0	-	33.4	-
PHF	-	0.000	0.796	0.910	0.000	-	0.871	0.865	0.896	0.836	-	0.919	0.708	0.885	0.000	-	0.895	0.930
Lights	-	0	248	553	0	-	801	44	484	97	-	625	51	671	0	-	722	2148
% Lights	-	-	96.1	97.4	-	-	97.0	97.8	95.1	100.0	-	96.0	100.0	97.2	-	-	97.4	96.8
Buses	-	0	10	6	0	-	16	0	9	0	-	9	0	14	0	-	14	39
% Buses	-	-	3.9	1.1	-	-	1.9	0.0	1.8	0.0	-	1.4	0.0	2.0	-	-	1.9	1.8
Trucks	-	0	0	9	0	-	9	1	16	0	-	17	0	5	0	-	5	31
% Trucks	-	-	0.0	1.6	-	-	1.1	2.2	3.1	0.0	-	2.6	0.0	0.7	-	-	0.7	1.4
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	2	-	-	-	-	2	-	-	-	-	0	-	-	-	-	0	-	-
% Bicycles on Crosswalk	66.7	-	-	-	-	28.6	-	-	-	-	0.0	-	-	-	-	0.0	-	-
Pedestrians	1	-	-	-	-	5	-	-	-	-	10	-	-	-	-	4	-	-
% Pedestrians	33.3	-	-	-	-	71.4	-	-	-	-	100.0	-	-	-	-	100.0	-	-



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Turning Movement Peak Hour Data Plot (7:45 AM)



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Page No: 6

Turning Movement Peak Hour Data (11:30 AM)

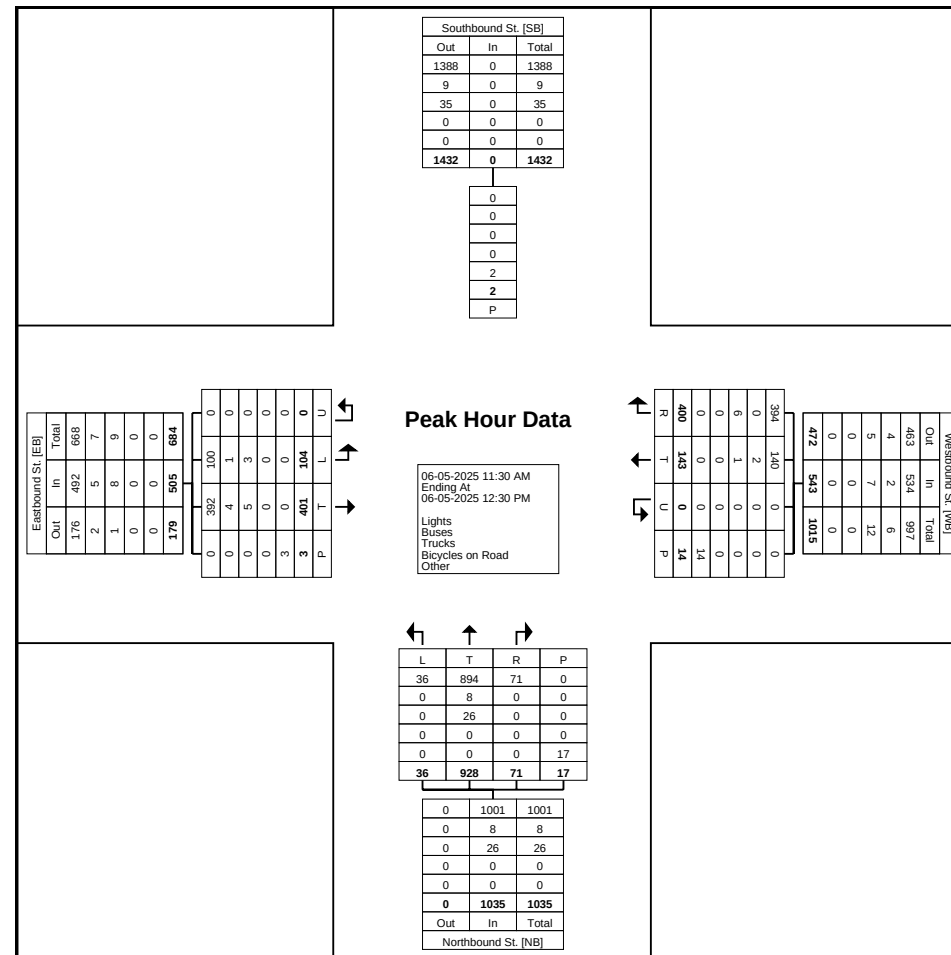
Start Time	Southbound St. Southbound		Westbound St. Westbound					Northbound St. Northbound					Eastbound St. Eastbound					Int. Total
	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	
11:30 AM	0	0	41	102	0	2	143	6	215	12	5	233	23	101	0	0	124	500
11:45 AM	1	0	35	88	0	4	123	7	214	23	4	244	26	90	0	0	116	483
12:00 PM	1	0	29	132	0	6	161	10	265	23	4	298	29	120	0	2	149	608
12:15 PM	0	0	38	78	0	2	116	13	234	13	4	260	26	90	0	1	116	492
Total	2	0	143	400	0	14	543	36	928	71	17	1035	104	401	0	3	505	2083
Approach %	-	-	26.3	73.7	0.0	-	-	3.5	89.7	6.9	-	-	20.6	79.4	0.0	-	-	-
Total %	-	0.0	6.9	19.2	0.0	-	26.1	1.7	44.6	3.4	-	49.7	5.0	19.3	0.0	-	24.2	-
PHF	-	0.000	0.872	0.758	0.000	-	0.843	0.692	0.875	0.772	-	0.868	0.897	0.835	0.000	-	0.847	0.856
Lights	-	0	140	394	0	-	534	36	894	71	-	1001	100	392	0	-	492	2027
% Lights	-	-	97.9	98.5	-	-	98.3	100.0	96.3	100.0	-	96.7	96.2	97.8	-	-	97.4	97.3
Buses	-	0	2	0	0	-	2	0	8	0	-	8	1	4	0	-	5	15
% Buses	-	-	1.4	0.0	-	-	0.4	0.0	0.9	0.0	-	0.8	1.0	1.0	-	-	1.0	0.7
Trucks	-	0	1	6	0	-	7	0	26	0	-	26	3	5	0	-	8	41
% Trucks	-	-	0.7	1.5	-	-	1.3	0.0	2.8	0.0	-	2.5	2.9	1.2	-	-	1.6	2.0
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	-	-	-	-	66.7	-	-
Pedestrians	2	-	-	-	-	14	-	-	-	-	17	-	-	-	-	1	-	-
% Pedestrians	100.0	-	-	-	-	100.0	-	-	-	-	100.0	-	-	-	-	33.3	-	-



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Page No: 8

Turning Movement Peak Hour Data (4:15 PM)

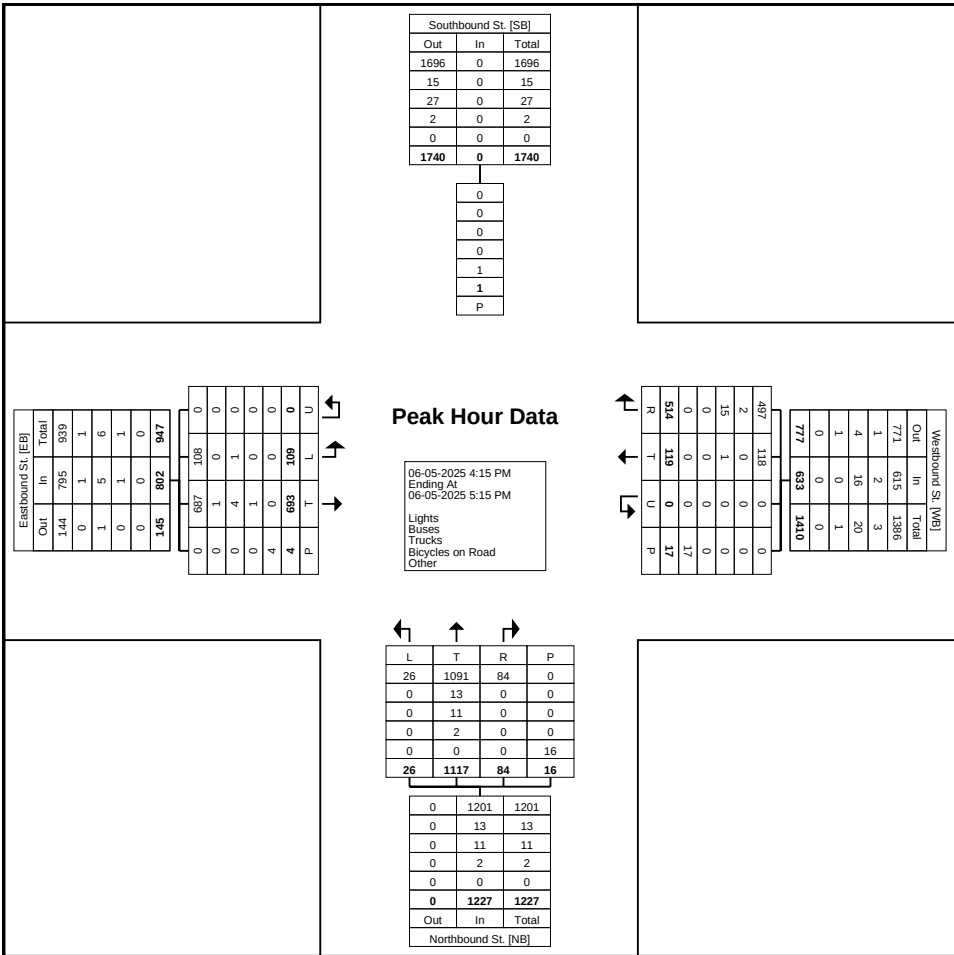
Start Time	Southbound St.		Westbound St.					Northbound St.					Eastbound St.					Int. Total
	Southbound		Westbound					Northbound					Eastbound					
	Peds	App. Total	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	U-Turn	Peds	App. Total	
4:15 PM	0	0	30	137	0	6	167	8	289	22	6	319	21	133	0	2	154	640
4:30 PM	0	0	28	137	0	3	165	11	309	25	5	345	29	158	0	0	187	697
4:45 PM	0	0	40	123	0	5	163	5	264	22	4	291	22	198	0	0	220	674
5:00 PM	1	0	21	117	0	3	138	2	255	15	1	272	37	204	0	2	241	651
Total	1	0	119	514	0	17	633	26	1117	84	16	1227	109	693	0	4	802	2662
Approach %	-	-	18.8	81.2	0.0	-	-	2.1	91.0	6.8	-	-	13.6	86.4	0.0	-	-	-
Total %	-	0.0	4.5	19.3	0.0	-	23.8	1.0	42.0	3.2	-	46.1	4.1	26.0	0.0	-	30.1	-
PHF	-	0.000	0.744	0.938	0.000	-	0.948	0.591	0.904	0.840	-	0.889	0.736	0.849	0.000	-	0.832	0.955
Lights	-	0	118	497	0	-	615	26	1091	84	-	1201	108	687	0	-	795	2611
% Lights	-	-	99.2	96.7	-	-	97.2	100.0	97.7	100.0	-	97.9	99.1	99.1	-	-	99.1	98.1
Buses	-	0	0	2	0	-	2	0	13	0	-	13	0	1	0	-	1	16
% Buses	-	-	0.0	0.4	-	-	0.3	0.0	1.2	0.0	-	1.1	0.0	0.1	-	-	0.1	0.6
Trucks	-	0	1	15	0	-	16	0	11	0	-	11	1	4	0	-	5	32
% Trucks	-	-	0.8	2.9	-	-	2.5	0.0	1.0	0.0	-	0.9	0.9	0.6	-	-	0.6	1.2
Bicycles on Road	-	0	0	0	0	-	0	0	2	0	-	2	0	1	0	-	1	3
% Bicycles on Road	-	-	0.0	0.0	-	-	0.0	0.0	0.2	0.0	-	0.2	0.0	0.1	-	-	0.1	0.1
Bicycles on Crosswalk	0	-	-	-	-	7	-	-	-	-	7	-	-	-	-	0	-	-
% Bicycles on Crosswalk	0.0	-	-	-	-	41.2	-	-	-	-	43.8	-	-	-	-	0.0	-	-
Pedestrians	1	-	-	-	-	10	-	-	-	-	9	-	-	-	-	4	-	-
% Pedestrians	100.0	-	-	-	-	58.8	-	-	-	-	56.3	-	-	-	-	100.0	-	-



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