

SRF Consulting

Lyman Blvd at Powers Blvd
, (NW of TH-212)
SRF Consulting Group/MnDOT
TURN MOVEMENT COUNT

File Name : Powers Blvd at Lyman Blvd 2015
Site Code :
Start Date : 3/12/2015
Page No : 1

Groups Printed- Cars+ - Heavy Vehicles

Start Time	Powers Blvd Southbound				Lyman Blvd / CSAH-18 Westbound				Powers Blvd Northbound				Lyman Blvd / CSAH-18 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	7	58	3	0	1	5	3	0	30	14	1	0	2	20	20	0	164
06:15	5	31	4	0	3	7	4	0	37	38	2	0	5	10	14	0	160
06:30	9	39	5	0	1	10	5	0	58	33	3	0	4	10	23	0	200
06:45	15	30	7	0	2	17	8	0	72	49	5	0	3	22	9	0	239
Total	36	158	19	0	7	39	20	0	197	134	11	0	14	62	66	0	763
07:00	13	41	14	0	2	22	11	0	62	43	14	0	9	30	27	0	288
07:15	15	42	6	0	5	41	13	0	92	87	15	0	14	31	19	0	380
07:30	11	48	29	1	3	31	15	0	101	75	11	0	15	37	17	0	394
07:45	16	45	57	0	8	79	10	0	133	117	6	0	12	39	22	0	544
Total	55	176	106	1	18	173	49	0	388	322	46	0	50	137	85	0	1606
08:00	12	43	25	0	4	31	18	1	86	73	9	0	14	27	28	0	371
08:15	10	40	14	0	6	21	15	0	62	64	12	0	13	18	17	0	292
08:30	7	31	6	0	2	21	9	0	49	53	8	0	7	21	15	0	229
08:45	8	38	11	0	3	18	12	0	44	51	4	0	8	11	13	0	221
Total	37	152	56	0	15	91	54	1	241	241	33	0	42	77	73	0	1113
*** BREAK ***																	
11:00	5	29	9	0	0	15	5	0	21	24	0	0	7	18	14	0	147
11:15	7	29	8	0	3	17	5	0	21	22	2	0	14	24	20	0	172
11:30	9	28	11	0	4	16	6	0	13	24	6	0	17	33	15	1	183
11:45	6	40	5	0	7	11	12	0	17	26	2	0	12	26	18	0	182
Total	27	126	33	0	14	59	28	0	72	96	10	0	50	101	67	1	684
12:00	6	33	8	0	7	17	8	0	18	30	3	0	14	38	13	0	195
12:15	5	35	18	0	6	26	6	0	22	39	2	0	9	23	15	0	206
12:30	8	37	16	0	3	19	11	0	18	39	5	0	12	26	16	0	210
12:45	10	34	13	0	6	23	8	1	35	39	5	0	15	21	9	0	219
Total	29	139	55	0	22	85	33	1	93	147	15	0	50	108	53	0	830
*** BREAK ***																	
15:00	13	75	15	0	4	16	3	0	34	42	3	0	49	80	79	0	413
15:15	11	65	12	0	6	27	10	0	38	53	14	0	11	54	49	1	351
15:30	14	67	10	0	6	37	5	0	72	54	6	0	20	52	84	0	427
15:45	6	51	10	0	6	22	6	0	41	55	3	0	15	25	43	0	283
Total	44	258	47	0	22	102	24	0	185	204	26	0	95	211	255	1	1474
16:00	15	79	4	0	17	25	6	0	31	57	4	0	22	86	76	0	422
16:15	10	65	11	1	9	24	9	0	40	59	5	0	8	40	53	0	334
16:30	15	98	9	0	7	31	5	0	40	64	4	0	12	60	67	0	412
16:45	15	80	18	1	8	34	16	1	50	67	8	0	13	38	59	0	408
Total	55	322	42	2	41	114	36	1	161	247	21	0	55	224	255	0	1576
17:00	32	133	20	0	17	35	13	0	44	58	7	0	18	60	65	0	502
17:15	16	70	17	0	9	33	12	0	48	78	6	0	17	72	52	1	431
17:30	16	64	20	1	7	34	17	0	35	93	7	0	25	36	39	2	396
17:45	8	43	15	0	9	24	11	0	44	61	9	0	10	33	36	0	303
Total	72	310	72	1	42	126	53	0	171	290	29	0	70	201	192	3	1632
Grand Total	355	1641	430	4	181	789	297	3	1508	1681	191	0	426	1121	1046	5	9678
Apprch %	14.6	67.5	17.7	0.2	14.3	62.1	23.4	0.2	44.6	49.7	5.7	0	16.4	43.1	40.3	0.2	
Total %	3.7	17	4.4	0	1.9	8.2	3.1	0	15.6	17.4	2	0	4.4	11.6	10.8	0.1	
Cars+	348	1590	401	1	174	761	284	0	1434	1632	179	0	401	1081	1000	3	9289
% Cars+	98	96.9	93.3	25	96.1	96.5	95.6	0	95.1	97.1	93.7	0	94.1	96.4	95.6	60	96
Heavy Vehicles	7	51	29	3	7	28	13	3	74	49	12	0	25	40	46	2	389
% Heavy Vehicles	2	3.1	6.7	75	3.9	3.5	4.4	100	4.9	2.9	6.3	0	5.9	3.6	4.4	40	4

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 Start Date : 3/12/2015
 Page No : 2

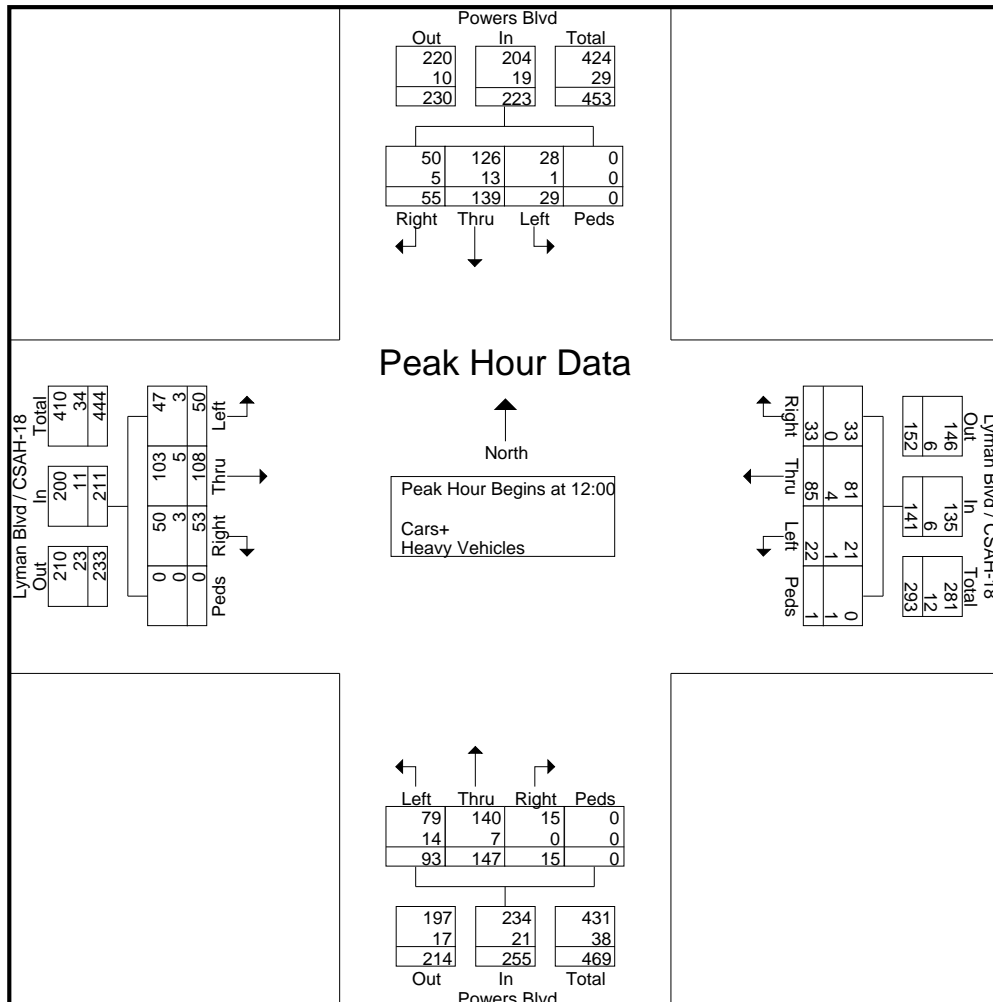
Start Time	Powers Blvd Southbound					Lyman Blvd / CSAH-18 Westbound					Powers Blvd Northbound					Lyman Blvd / CSAH-18 Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 08:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	15	42	6	0	63	5	41	13	0	59	92	87	15	0	194	14	31	19	0	64	380
07:30	11	48	29	1	89	3	31	15	0	49	101	75	11	0	187	15	37	17	0	69	394
07:45	16	45	57	0	118	8	79	10	0	97	133	117	6	0	256	12	39	22	0	73	544
08:00	12	43	25	0	80	4	31	18	1	54	86	73	9	0	168	14	27	28	0	69	371
Total Volume	54	178	117	1	350	20	182	56	1	259	412	352	41	0	805	55	134	86	0	275	1689
% App. Total	15.4	50.9	33.4	0.3		7.7	70.3	21.6	0.4		51.2	43.7	5.1	0		20	48.7	31.3	0		
PHF	.844	.927	.513	.250	.742	.625	.576	.778	.250	.668	.774	.752	.683	.000	.786	.917	.859	.768	.000	.942	.776
Cars+	54	170	110	1	335	19	178	53	0	250	400	341	37	0	778	51	128	83	0	262	1625
% Cars+	100	95.5	94.0	100	95.7	95.0	97.8	94.6	0	96.5	97.1	96.9	90.2	0	96.6	92.7	95.5	96.5	0	95.3	96.2
Heavy Vehicles																					
% Heavy Vehicles	0	4.5	6.0	0	4.3	5.0	2.2	5.4	100	3.5	2.9	3.1	9.8	0	3.4	7.3	4.5	3.5	0	4.7	3.8

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 Start Date : 3/12/2015
 Page No : 3

Start Time	Powers Blvd Southbound					Lyman Blvd / CSAH-18 Westbound					Powers Blvd Northbound					Lyman Blvd / CSAH-18 Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 11:00 to 12:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00																					
12:00	6	33	8	0	47	7	17	8	0	32	18	30	3	0	51	14	38	13	0	65	195
12:15	5	35	18	0	58	6	26	6	0	38	22	39	2	0	63	9	23	15	0	47	206
12:30	8	37	16	0	61	3	19	11	0	33	18	39	5	0	62	12	26	16	0	54	210
12:45	10	34	13	0	57	6	23	8	1	38	35	39	5	0	79	15	21	9	0	45	219
Total Volume	29	139	55	0	223	22	85	33	1	141	93	147	15	0	255	50	108	53	0	211	830
% App. Total	13	62.3	24.7	0		15.6	60.3	23.4	0.7		36.5	57.6	5.9	0		23.7	51.2	25.1	0		
PHF	.725	.939	.764	.000	.914	.786	.817	.750	.250	.928	.664	.942	.750	.000	.807	.833	.711	.828	.000	.812	.947
Cars+	28	126	50	0	204	21	81	33	0	135	79	140	15	0	234	47	103	50	0	200	773
% Cars+	96.6	90.6	90.9	0	91.5	95.5	95.3	100	0	95.7	84.9	95.2	100	0	91.8	94.0	95.4	94.3	0	94.8	93.1
Heavy Vehicles																					
% Heavy Vehicles	3.4	9.4	9.1	0	8.5	4.5	4.7	0	100	4.3	15.1	4.8	0	0	8.2	6.0	4.6	5.7	0	5.2	6.9



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 Start Date : 3/12/2015
 Page No : 4

Start Time	Powers Blvd Southbound					Lyman Blvd / CSAH-18 Westbound					Powers Blvd Northbound					Lyman Blvd / CSAH-18 Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 15:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	15	98	9	0	122	7	31	5	0	43	40	64	4	0	108	12	60	67	0	139	412
16:45	15	80	18	1	114	8	34	16	1	59	50	67	8	0	125	13	38	59	0	110	408
17:00	32	133	20	0	185	17	35	13	0	65	44	58	7	0	109	18	60	65	0	143	502
17:15	16	70	17	0	103	9	33	12	0	54	48	78	6	0	132	17	72	52	1	142	431
Total Volume	78	381	64	1	524	41	133	46	1	221	182	267	25	0	474	60	230	243	1	534	1753
% App. Total	14.9	72.7	12.2	0.2		18.6	60.2	20.8	0.5		38.4	56.3	5.3	0		11.2	43.1	45.5	0.2		
PHF	.609	.716	.800	.250	.708	.603	.950	.719	.250	.850	.910	.856	.781	.000	.898	.833	.799	.907	.250	.934	.873
Cars+	77	377	63	0	517	41	128	45	0	214	176	264	25	0	465	57	223	242	0	522	1718
% Cars+	98.7	99.0	98.4	0	98.7	100	96.2	97.8	0	96.8	96.7	98.9	100	0	98.1	95.0	97.0	99.6	0	97.8	98.0
Heavy Vehicles																					
% Heavy Vehicles	1.3	1.0	1.6	100	1.3	0	3.8	2.2	100	3.2	3.3	1.1	0	0	1.9	5.0	3.0	0.4	100	2.2	2.0

