

# APPENDIX A

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Groups Printed- Unshifted

Start Time	Kenwood Road Southbound				Kenwood road Westbound				Kenwood Road Northbound				I-71 NB Off Ramp Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
07:15 AM	0	44	0	0	0	0	0	0	0	179	0	0	27	0	71	0	321
07:30 AM	0	41	0	0	0	0	0	0	0	246	0	0	35	0	90	0	412
07:45 AM	0	63	0	0	0	0	0	0	0	222	0	0	25	0	98	0	408
Total	0	148	0	0	0	0	0	0	0	647	0	0	87	0	259	0	1141
08:00 AM	1	57	0	0	0	0	0	0	0	263	0	0	41	0	108	0	470
08:15 AM	0	41	0	0	0	0	0	0	0	222	0	0	35	0	91	1	390
08:30 AM	1	46	0	0	0	0	0	0	0	183	0	0	25	0	109	0	364
08:45 AM	1	48	0	0	0	0	0	0	0	166	0	0	36	0	146	0	397
Total	3	192	0	0	0	0	0	0	0	834	0	0	137	0	454	1	1621
Grand Total	3	340	0	0	0	0	0	0	0	1481	0	0	224	0	713	1	2762
Apprch %	0.9	99.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	23.9	0.0	76.0	0.1	
Total %	0.1	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.6	0.0	0.0	8.1	0.0	25.8	0.0	

TEC Engineering, Inc.  
 214 West Main Street  
 Mason, Ohio 45212

File Name : 71 NB Off Ramp - Mld  
 Site Code : 11102302  
 Start Date : 4/7/2011  
 Page No : 1

Groups Printed- Unshifted

Start Time	Kenwood From North				From East				Kenwood From South				I 71 Off Ramp From West				Int. Total	
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds		
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
11:30 AM	1	97	0	0	0	0	0	0	0	147	0	0	47	0	148	2		442
11:45 AM	1	89	1	0	0	0	0	0	0	154	0	0	36	0	158	0		439
Total	2	186	1	0	0	0	0	0	0	301	0	0	83	0	306	2		881
12:00 PM	0	91	0	0	0	0	0	0	0	152	0	0	51	0	151	1		446
12:15 PM	5	85	0	0	0	0	0	0	0	142	26	0	37	0	131	0		426
12:30 PM	0	80	0	0	0	0	0	0	0	132	0	0	44	0	136	0		392
12:45 PM	0	88	0	0	0	0	0	0	0	157	0	0	46	0	151	0		442
Total	5	344	0	0	0	0	0	0	0	583	26	0	178	0	569	1		1706
01:00 PM	0	104	0	0	0	0	0	0	0	185	0	0	23	0	114	0		426
01:15 PM	0	95	0	0	0	0	0	0	0	135	0	0	40	0	130	0		400
Grand Total	7	729	1	0	0	0	0	0	0	1204	26	0	324	0	1119	3		3413
Apprch %	0.9	98.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	97.9	2.1	0.0	22.4	0.0	77.4	0.2		
Total %	0.2	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.3	0.8	0.0	9.5	0.0	32.8	0.1		

TEC Engineering, Inc.  
 214 West Main Street  
 Mason, Ohio 45212

File Name : 71 NB Off Ramp - PM  
 Site Code : 11102303  
 Start Date : 4/7/2011  
 Page No : 1

Groups Printed- Unshifted

Start Time	Kenwood From North				- From East				Kenwood From South				I 71 Off ramp From West				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
04:00 PM	0	132	0	0	0	0	0	0	0	133	0	0	40	0	129	0	434
04:15 PM	0	116	0	0	0	0	0	0	0	136	0	0	46	1	124	3	426
04:30 PM	1	120	0	0	0	0	0	0	0	123	0	0	42	0	128	0	414
04:45 PM	10	100	0	0	0	0	0	0	0	130	0	0	33	2	78	0	353
Total	11	468	0	0	0	0	0	0	0	522	0	0	161	3	459	3	1627
05:00 PM	0	126	0	0	0	0	0	0	0	139	0	0	62	0	144	0	471
05:15 PM	0	154	0	0	0	0	0	0	0	145	0	0	44	0	138	0	481
05:30 PM	0	143	0	0	0	0	0	0	0	143	0	0	49	0	146	0	481
05:45 PM	0	146	0	0	0	0	0	0	0	174	0	0	52	0	129	0	501
Total	0	569	0	0	0	0	0	0	0	601	0	0	207	0	557	0	1934
Grand Total	11	1037	0	0	0	0	0	0	0	1123	0	0	368	3	1016	3	3561
Apprch %	1.0	99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	26.5	0.2	73.1	0.2	
Total %	0.3	29.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.5	0.0	0.0	10.3	0.1	28.5	0.1	

Groups Printed- Unshifted

Start Time	Kenwood Road Southbound				KFC Westbound				Kenwood Road Northbound				I-71 SB On Ramp Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
07:15 AM	84	62	0	0	0	0	0	0	0	160	109	0	0	0	0	0	415
07:30 AM	107	55	0	0	0	0	0	0	0	167	157	0	0	0	0	0	486
07:45 AM	119	69	0	0	0	0	0	0	0	216	129	0	0	0	0	0	533
Total	310	186	0	0	0	0	0	0	0	543	395	0	0	0	0	0	1434
08:00 AM	98	51	0	0	0	0	0	0	0	214	128	0	0	0	0	0	491
08:15 AM	126	63	0	0	0	0	0	0	0	218	123	0	0	0	0	0	530
08:30 AM	88	58	0	0	0	0	0	0	0	215	91	0	0	0	0	0	452
08:45 AM	74	47	0	4	0	0	0	0	0	191	93	0	0	0	0	0	409
Total	386	219	0	4	0	0	0	0	0	838	435	0	0	0	0	0	1882
Grand Total	696	405	0	4	0	0	0	0	0	1381	830	0	0	0	0	0	3316
Apprch %	63.0	36.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	62.5	37.5	0.0	0.0	0.0	0.0	0.0	
Total %	21.0	12.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	41.6	25.0	0.0	0.0	0.0	0.0	0.0	

Groups Printed- Unshifted

Start Time	Kenwood Road Southbound				KFC Westbound				Kenwood Road Northbound				I-71 SB On Ramp Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
11:30 AM	114	108	5	0	0	0	0	0	2	263	46	0	0	0	0	0	538
11:45 AM	98	101	5	0	0	0	0	0	6	261	42	0	0	0	0	0	513
Total	212	209	10	0	0	0	0	0	8	524	88	0	0	0	0	0	1051
12:00 PM	111	100	5	0	0	0	0	0	4	264	36	0	0	0	0	0	520
12:15 PM	113	89	4	0	0	0	0	0	3	237	42	0	0	0	0	0	488
12:30 PM	129	101	3	0	0	0	0	0	4	251	47	0	0	0	0	0	535
12:45 PM	122	88	1	0	0	0	0	0	1	247	44	0	0	0	0	0	503
Total	475	378	13	0	0	0	0	0	12	999	169	0	0	0	0	0	2046
01:00 PM	125	101	7	0	0	0	0	0	4	220	37	0	0	0	0	0	494
01:15 PM	143	86	2	0	0	0	0	0	0	239	55	0	0	0	0	0	525
Grand Total	955	774	32	0	0	0	0	0	24	1982	349	0	0	0	0	0	4116
Apprch %	54.2	44.0	1.8	0.0	0.0	0.0	0.0	0.0	1.0	84.2	14.8	0.0	0.0	0.0	0.0	0.0	
Total %	23.2	18.8	0.8	0.0	0.0	0.0	0.0	0.0	0.6	48.2	8.5	0.0	0.0	0.0	0.0	0.0	

Groups Printed- Unshifted

Start Time	Kenwood Road Southbound				KFC Westbound				Kenwood Road Northbound				I-71 SB On Ramp Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
04:00 PM	125	122	1	0	0	0	0	0	0	202	55	0	0	0	0	0	505
04:15 PM	131	134	4	0	0	0	0	0	1	226	47	0	0	0	0	0	543
04:30 PM	155	118	1	0	0	0	0	0	2	204	63	0	0	0	0	0	543
04:45 PM	142	111	2	0	0	0	0	0	4	205	38	0	0	0	0	0	502
Total	553	485	8	0	0	0	0	0	7	837	203	0	0	0	0	0	2093
05:00 PM	170	153	2	0	0	0	0	0	10	204	62	0	0	0	0	0	601
05:15 PM	186	129	3	0	0	0	0	0	1	251	57	0	0	0	0	0	627
05:30 PM	132	140	5	0	0	0	0	0	1	241	49	0	0	0	0	0	568
05:45 PM	152	137	6	0	0	0	0	0	2	234	64	0	0	0	0	0	595
Total	640	559	16	0	0	0	0	0	14	930	232	0	0	0	0	0	2391
Grand Total	1193	1044	24	0	0	0	0	0	21	1767	435	0	0	0	0	0	4484
Apprch %	52.8	46.2	1.1	0.0	0.0	0.0	0.0	0.0	0.9	79.5	19.6	0.0	0.0	0.0	0.0	0.0	
Total %	26.6	23.3	0.5	0.0	0.0	0.0	0.0	0.0	0.5	39.4	9.7	0.0	0.0	0.0	0.0	0.0	

TEC Engineering, Inc.  
 214 West Main Street  
 Mason, Ohio 45212

File Name : KEB037~1  
 Site Code : 00000000  
 Start Date : 4/6/2011  
 Page No : 1

Groups Printed- Unshifted

Start Time	Kenwood From North				Sycamore Plaza From East				Kenwood From South				Sycamore Crossing From West				Int. Total	
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds		
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
07:30 AM	1	179	4	0	0	0	0	0	5	136	0	0	0	0	0	0	0	325
07:45 AM	2	176	0	0	1	0	1	0	10	202	2	0	1	0	0	0	2	397
Total	3	355	4	0	1	0	1	0	15	338	2	0	1	0	0	2		722
08:00 AM	2	194	2	0	0	0	0	0	5	177	4	0	4	0	0	0	0	388
08:15 AM	3	184	3	0	1	0	1	0	3	184	3	0	5	0	1	0	0	388
08:30 AM	3	134	3	0	1	0	0	0	4	204	5	0	4	0	1	0	0	359
08:45 AM	6	138	3	0	2	0	0	0	11	192	4	0	2	0	0	0	0	358
Total	14	650	11	0	4	0	1	0	23	757	16	0	15	0	2	0		1493
Grand Total	17	1005	15	0	5	0	2	0	38	1095	18	0	16	0	2	2		2215
Apprch %	1.6	96.9	1.4	0.0	71.4	0.0	28.6	0.0	3.3	95.1	1.6	0.0	80.0	0.0	10.0	10.0		
Total %	0.8	45.4	0.7	0.0	0.2	0.0	0.1	0.0	1.7	49.4	0.8	0.0	0.7	0.0	0.1	0.1		

TEC Engineering, Inc.  
 214 West Main Street  
 Mason, Ohio 45212

File Name : Kenwood & Sycamore Crossing MID  
 Site Code : 00000002  
 Start Date : 4/6/2011  
 Page No : 1

Groups Printed- Unshifted

Start Time	Kenwood From North				Sycamore Plaza From East				Kenwood From South				Sycamore Crossing From West				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
11:30 AM	18	211	17	1	15	1	7	0	12	215	16	0	34	2	4	0	553
11:45 AM	10	193	15	2	13	0	3	2	11	259	9	0	17	0	1	0	535
Total	28	404	32	3	28	1	10	2	23	474	25	0	51	2	5	0	1088
12:00 PM	14	211	10	0	16	0	4	0	11	218	14	0	25	3	4	1	531
12:15 PM	10	218	15	3	12	0	2	2	8	230	10	1	20	1	4	2	538
12:30 PM	10	219	18	1	16	0	5	2	11	251	14	0	26	0	2	1	576
12:45 PM	12	192	9	1	18	1	3	0	5	217	16	0	19	2	8	0	503
Total	46	840	52	5	62	1	14	4	35	916	54	1	90	6	18	4	2148
Grand Total	74	1244	84	8	90	2	24	6	58	1390	79	1	141	8	23	4	3236
Apprch %	5.2	88.2	6.0	0.6	73.8	1.6	19.7	4.9	3.8	91.0	5.2	0.1	80.1	4.5	13.1	2.3	
Total %	2.3	38.4	2.6	0.2	2.8	0.1	0.7	0.2	1.8	43.0	2.4	0.0	4.4	0.2	0.7	0.1	

TEC Engineering, Inc.  
 214 West Main Street  
 Mason, Ohio 45212

File Name : Kenwood & Sycamore Crossing PM  
 Site Code : 00000003  
 Start Date : 4/7/2011  
 Page No : 1

Groups Printed- Unshifted

Start Time	Kenwood From North				Sycamore Plaza From East				Kenwood From South				Sycamore Crossing From West				Int. Total	
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds		
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
04:30 PM	19	233	8	0	12	1	4	0	14	181	10	0	26	4	7	1		520
04:45 PM	14	199	12	1	11	0	3	0	4	190	8	0	20	1	5	0		468
Total	33	432	20	1	23	1	7	0	18	371	18	0	46	5	12	1		988
05:00 PM	6	270	5	0	8	0	3	0	7	212	6	0	21	0	2	0		540
05:15 PM	13	259	12	4	21	0	4	1	5	224	11	0	15	1	3	0		573
05:30 PM	12	259	9	4	11	0	8	0	7	195	7	0	28	1	4	1		546
05:45 PM	17	218	14	0	17	0	4	0	9	212	11	0	16	0	2	4		524
Total	48	1006	40	8	57	0	19	1	28	843	35	0	80	2	11	5		2183
Grand Total	81	1438	60	9	80	1	26	1	46	1214	53	0	126	7	23	6		3171
Apprch %	5.1	90.6	3.8	0.6	74.1	0.9	24.1	0.9	3.5	92.5	4.0	0.0	77.8	4.3	14.2	3.7		
Total %	2.6	45.3	1.9	0.3	2.5	0.0	0.8	0.0	1.5	38.3	1.7	0.0	4.0	0.2	0.7	0.2		

Groups Printed- Unshifted

Start Time	Kenwood Road Southbound				Sycamore Plaza Westbound				Kenwood Road Northbound				St. Vincent Eastbound				Int. Total	
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds		
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
07:15 AM	1	132	7	0	1	1	0	0	5	127	0	0	0	1	1	1	0	276
07:30 AM	3	187	2	0	2	0	0	0	8	160	0	0	0	0	2	0	0	364
07:45 AM	8	211	14	0	5	0	0	0	15	187	1	0	0	0	1	0	0	442
Total	12	530	23	0	8	1	0	0	28	474	1	0	0	1	4	0	0	1082
08:00 AM	6	193	19	0	14	0	13	0	30	187	1	0	1	0	2	0	0	466
08:15 AM	7	201	25	0	14	0	16	0	22	167	1	0	0	0	3	0	0	456
08:30 AM	10	179	14	0	5	0	3	0	12	126	3	0	3	0	3	0	0	358
08:45 AM	15	199	13	0	4	0	2	0	7	125	3	0	3	0	6	0	0	377
Total	38	772	71	0	37	0	34	0	71	605	8	0	7	0	14	0	0	1657
Grand Total	50	1302	94	0	45	1	34	0	99	1079	9	0	7	1	18	0	0	2739
Apprch %	3.5	90.0	6.5	0.0	56.3	1.3	42.5	0.0	8.3	90.9	0.8	0.0	26.9	3.8	69.2	0.0	0.0	
Total %	1.8	47.5	3.4	0.0	1.6	0.0	1.2	0.0	3.6	39.4	0.3	0.0	0.3	0.0	0.7	0.0	0.0	

Groups Printed- Unshifted

Start Time	Kenwood Road Southbound				Sycamore Plaza Westbound				Kenwood Road Northbound				St. Vincent Eastbound				Int. Total	
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds		
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
11:30 AM	10	180	5	0	3	0	24	0	35	207	8	3	3	1	10	0		489
11:45 AM	6	215	5	0	3	1	22	0	36	247	5	0	5	0	13	0		558
Total	16	395	10	0	6	1	46	0	71	454	13	3	8	1	23	0		1047
12:00 PM	13	165	2	0	4	2	20	0	28	220	6	0	11	3	7	0		481
12:15 PM	12	179	5	0	5	1	26	0	26	195	5	0	5	1	8	0		468
12:30 PM	17	196	10	0	3	0	21	0	25	184	10	0	10	2	14	0		492
12:45 PM	9	219	2	0	6	1	33	0	26	243	9	0	4	1	11	0		564
Total	51	759	19	0	18	4	100	0	105	842	30	0	30	7	40	0		2005
01:00 PM	12	202	12	0	12	0	29	0	24	207	6	0	2	1	15	0		522
01:15 PM	6	223	4	0	4	4	30	0	21	201	6	0	3	2	7	0		511
Grand Total	85	1579	45	0	40	9	205	0	221	1704	55	3	43	11	85	0		4085
Apprch %	5.0	92.4	2.6	0.0	15.7	3.5	80.7	0.0	11.1	85.9	2.8	0.2	30.9	7.9	61.2	0.0		
Total %	2.1	38.7	1.1	0.0	1.0	0.2	5.0	0.0	5.4	41.7	1.3	0.1	1.1	0.3	2.1	0.0		

Groups Printed- Unshifted

Start Time	Kenwood Road Southbound				Sycamore Plaza Westbound				Kenwood Road Northbound				St. Vincent Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
04:00 PM	7	213	6	0	8	1	27	0	31	210	4	0	12	2	8	0	529
04:15 PM	11	216	3	0	5	0	28	0	21	190	6	0	10	1	8	0	499
04:30 PM	8	202	7	0	4	0	28	0	22	209	13	0	18	1	11	0	523
04:45 PM	6	263	4	0	5	1	25	0	36	221	4	0	10	2	11	0	588
Total	32	894	20	0	22	2	108	0	110	830	27	0	50	6	38	0	2139
05:00 PM	12	269	4	0	8	0	38	0	24	187	7	0	24	1	18	0	592
05:15 PM	12	269	4	0	4	1	36	0	21	218	10	0	14	1	17	0	607
05:30 PM	11	268	4	0	4	0	32	0	30	210	10	0	14	3	18	0	604
05:45 PM	8	259	6	0	8	2	29	0	25	222	6	0	5	1	10	0	581
Total	43	1065	18	0	24	3	135	0	100	837	33	0	57	6	63	0	2384
Grand Total	75	1959	38	0	46	5	243	0	210	1667	60	0	107	12	101	0	4523
Apprch %	3.6	94.5	1.8	0.0	15.6	1.7	82.7	0.0	10.8	86.1	3.1	0.0	48.6	5.5	45.9	0.0	
Total %	1.7	43.3	0.8	0.0	1.0	0.1	5.4	0.0	4.6	36.9	1.3	0.0	2.4	0.3	2.2	0.0	

# TEC Engineering, Inc.

214 West Main Street.  
Mason Ohio 45040

Site Code: 000000014578  
Station ID:  
N of I-71  
Northbound Kenwood  
Latitude: 0' 0.000 Undefined

Start Time	Thu	17-Mar-11		Fri		18-Mar-11		Sat		19-Mar-11		Daily Average	
	A.M.	P.M.	P.M.	A.M.	P.M.	P.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00	*	258		14	240			31	284			22	<b>261</b>
12:15	*	256		16	259			22	250			19	<b>255</b>
12:30	*	234		16	266			18	285			17	<b>262</b>
12:45	*	224		9	247			25	311			17	<b>261</b>
01:00	*	250		13	220			10	280			12	250
01:15	*	229		8	248			13	278			10	252
01:30	*	200		8	244			17	266			12	237
01:45	*	224		7	226			12	<b>316</b>			10	255
02:00	*	<b>222</b>		8	226			12	<b>298</b>			10	249
02:15	*	<b>237</b>		3	228			7	<b>271</b>			5	245
02:30	*	<b>248</b>		10	245			11	<b>284</b>			10	259
02:45	*	<b>274</b>		8	<b>251</b>			7	288			8	271
03:00	*	217		4	<b>278</b>			4	250			4	248
03:15	*	216		6	<b>260</b>			7	242			6	239
03:30	*	231		6	<b>254</b>			10	256			8	247
03:45	*	222		7	242			4	264			6	243
04:00	*	201		12	216			8	238			10	218
04:15	*	193		8	208			9	248			8	216
04:30	*	210		6	232			2	204			4	215
04:45	*	221		12	231			5	240			8	231
05:00	*	232		18	251			10	234			14	239
05:15	*	227		20	214			11	225			16	222
05:30	*	234		43	220			14	237			28	230
05:45	*	204		39	238			19	260			29	234
06:00	*	195		50	222			10	250			30	222
06:15	*	187		70	223			23	192			46	201
06:30	*	190		104	222			28	188			66	200
06:45	*	179		128	214			54	198			91	197
07:00	*	140		124	186			29	170			76	165
07:15	*	140		139	215			39	182			89	179
07:30	*	140		172	119			52	177			112	145
07:45	*	132		214	124			96	130			155	129
08:00	*	128		168	136			74	121			121	128
08:15	*	113		204	130			84	130			144	124
08:30	*	110		199	90			104	98			152	99
08:45	*	86		172	86			157	86			164	86
09:00	*	76		195	82			129	70			162	76
09:15	*	82		151	81			160	72			156	78
09:30	*	71		178	68			152	70			165	70
09:45	*	58		176	80			256	66			216	68
10:00	*	51		185	57			214	68			200	59
10:15	*	34		170	52			200	52			185	46
10:30	*	42		203	38			218	69			210	50
10:45	*	33		237	39			243	52			240	41
11:00	*	25		<b>210</b>	40			<b>258</b>	60			<b>234</b>	42
11:15	*	27		<b>240</b>	28			<b>252</b>	39			<b>246</b>	31
11:30	232	22		<b>278</b>	40			<b>266</b>	35			<b>259</b>	32
11:45	248	15		<b>271</b>	34			<b>310</b>	32			<b>276</b>	27
Total	480	7740		4539	8350			3696	8916			4088	8334
Combined Total		8220		12889				12612				12422	
Peak		02:00		11:00	02:45			11:00	01:45			11:00	12:00
Vol.		981		999	1043			1086	1169			1015	1039
P.H.F.		0.895		0.898	0.938			0.876	0.925			0.919	0.991

# TEC Engineering, Inc.

214 West Main Street.  
Mason Ohio 45040

Site Code: 000000014578  
Station ID:  
N of I-71  
Northbound Kenwood  
Latitude: 0' 0.000 Undefined

Start Time	Sun 20-Mar-11		Mon 21-Mar-11		Tue 22-Mar-11		Daily Average	
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00	42	238	19	232	6	198	22	223
12:15	28	258	10	224	14	<b>228</b>	17	<b>237</b>
12:30	31	233	12	253	16	<b>236</b>	20	<b>241</b>
12:45	22	<b>294</b>	3	233	11	<b>256</b>	12	<b>261</b>
01:00	16	<b>300</b>	4	214	6	<b>225</b>	9	<b>246</b>
01:15	17	<b>281</b>	3	204	11	197	10	227
01:30	12	<b>278</b>	2	224	3	180	6	227
01:45	12	276	2	210	5	204	6	230
02:00	11	260	4	184	4	204	6	216
02:15	9	233	4	168	5	210	6	204
02:30	11	247	3	200	3	224	6	224
02:45	18	240	6	201	4	120	9	187
03:00	9	201	2	211	5	*	5	206
03:15	6	216	3	220	4	*	4	218
03:30	6	180	4	197	2	*	4	188
03:45	7	208	6	224	10	*	8	216
04:00	4	207	6	204	12	*	7	206
04:15	6	210	4	206	4	*	5	208
04:30	6	213	10	234	6	*	7	224
04:45	5	182	12	204	14	*	10	193
05:00	3	140	18	221	10	*	10	180
05:15	4	145	22	218	30	*	19	182
05:30	8	143	34	<b>242</b>	30	*	24	192
05:45	10	117	42	<b>231</b>	52	*	35	174
06:00	7	115	42	<b>219</b>	58	*	36	167
06:15	16	94	67	<b>270</b>	56	*	46	182
06:30	20	95	80	173	78	*	59	134
06:45	31	112	120	180	139	*	97	146
07:00	20	114	86	182	108	*	71	148
07:15	18	86	139	132	138	*	98	109
07:30	27	80	156	116	156	*	113	98
07:45	43	88	204	112	202	*	150	100
08:00	37	67	194	109	182	*	138	88
08:15	24	78	188	96	188	*	133	87
08:30	51	58	180	74	187	*	139	66
08:45	73	54	185	65	194	*	151	60
09:00	83	54	184	59	189	*	152	56
09:15	90	46	147	64	156	*	131	55
09:30	106	45	163	48	156	*	142	46
09:45	156	39	172	54	174	*	167	46
10:00	100	35	146	29	147	*	131	32
10:15	126	32	166	29	156	*	149	30
10:30	133	25	170	33	148	*	150	29
10:45	164	23	189	24	191	*	181	24
11:00	<b>156</b>	15	<b>156</b>	23	<b>180</b>	*	<b>164</b>	19
11:15	<b>182</b>	16	<b>192</b>	23	<b>198</b>	*	<b>191</b>	20
11:30	<b>216</b>	18	<b>238</b>	16	<b>226</b>	*	<b>227</b>	17
11:45	<b>256</b>	17	<b>192</b>	14	<b>252</b>	*	<b>233</b>	16
<b>Total</b>	<b>2438</b>	<b>6706</b>	<b>3991</b>	<b>7303</b>	<b>4126</b>	<b>2482</b>	<b>3516</b>	<b>6885</b>
<b>Combined Total</b>	<b>9144</b>		<b>11294</b>		<b>6608</b>		<b>10401</b>	
Peak	11:00	00:45	11:00	05:30	11:00	00:15	11:00	00:15
Vol.	810	1153	778	962	856	945	815	985
P.H.F.	0.791	0.961	0.817	0.891	0.849	0.923	0.874	0.943
ADT		ADT 11,485		AAAT 11,485				

# TEC Engineering, Inc.

214 West Main Street.  
Mason Ohio 45040

Site Code: 000000014578  
Station ID:  
South of US 22  
NOrthbound Kenwood  
Latitude: 0' 0.000 Undefined

Start Time	Thu	17-Mar-11	Fri	18-Mar-11	Sat	19-Mar-11	Daily Average	
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00	*	226	18	210	33	282	26	<b>239</b>
12:15	*	<b>234</b>	19	225	28	238	24	<b>232</b>
12:30	*	<b>218</b>	18	229	17	256	18	<b>234</b>
12:45	*	<b>217</b>	9	222	26	285	18	<b>241</b>
01:00	*	<b>229</b>	13	196	10	270	12	232
01:15	*	221	9	232	14	252	12	235
01:30	*	202	10	227	18	256	14	228
01:45	*	218	7	227	12	<b>266</b>	10	237
02:00	*	206	7	209	13	<b>289</b>	10	235
02:15	*	237	5	211	7	<b>254</b>	6	234
02:30	*	208	10	214	12	<b>260</b>	11	227
02:45	*	212	9	225	7	240	8	226
03:00	*	207	4	214	4	252	4	224
03:15	*	197	6	216	7	246	6	220
03:30	*	216	5	238	10	250	8	235
03:45	*	208	9	213	4	238	6	220
04:00	*	204	12	212	8	250	10	222
04:15	*	200	8	221	9	240	8	220
04:30	*	206	6	225	2	205	4	212
04:45	*	215	12	218	4	240	8	224
05:00	*	213	18	<b>240</b>	10	225	14	226
05:15	*	232	23	<b>222</b>	11	236	17	230
05:30	*	223	43	<b>206</b>	15	224	29	218
05:45	*	204	38	<b>239</b>	18	234	28	226
06:00	*	208	49	222	8	233	28	221
06:15	*	192	66	226	22	208	44	209
06:30	*	180	100	205	32	198	66	194
06:45	*	186	126	194	51	193	88	191
07:00	*	148	108	201	29	174	68	174
07:15	*	160	132	212	35	192	84	188
07:30	*	151	167	168	50	194	108	171
07:45	*	144	190	146	94	151	142	147
08:00	*	153	158	140	68	138	113	144
08:15	*	128	196	136	78	140	137	135
08:30	*	119	178	113	99	117	138	116
08:45	*	94	152	94	136	102	144	97
09:00	*	80	166	90	112	92	139	87
09:15	*	73	148	96	148	86	148	85
09:30	*	78	166	71	140	91	153	80
09:45	*	76	165	91	200	82	182	83
10:00	*	57	164	64	212	74	188	65
10:15	*	36	166	65	192	71	179	57
10:30	*	43	210	44	211	77	210	55
10:45	*	40	212	46	230	55	221	47
11:00	<b>152</b>	22	<b>186</b>	45	<b>238</b>	61	<b>192</b>	43
11:15	<b>190</b>	31	<b>220</b>	34	<b>240</b>	45	<b>217</b>	37
11:30	<b>220</b>	26	<b>224</b>	44	<b>229</b>	43	<b>224</b>	38
11:45	<b>212</b>	17	<b>239</b>	41	<b>282</b>	37	<b>244</b>	32
Total	774	7595	4206	8079	3435	8842	3768	8173
Combined Total	8369		12285		12277		11941	
Peak	11:00	00:15	11:00	05:00	11:00	01:45	11:00	12:00
Vol.	774	898	869	907	989	1069	877	946
P.H.F.	0.880	0.959	0.909	0.945	0.877	0.925	0.899	0.981

# TEC Engineering, Inc.

214 West Main Street.  
Mason Ohio 45040

Site Code: 000000014578  
Station ID:  
South of US 22  
NOrthbound Kenwood  
Latitude: 0' 0.000 Undefined

Start Time	Sun 20-Mar-11		Mon 21-Mar-11		Tue 22-Mar-11		Daily Average	
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00	48	210	20	190	7	188	25	196
12:15	35	244	10	201	16	<b>220</b>	20	<b>222</b>
12:30	35	224	12	219	15	<b>224</b>	21	<b>222</b>
12:45	23	262	6	228	11	<b>204</b>	13	<b>231</b>
01:00	15	244	5	212	7	<b>207</b>	9	<b>221</b>
01:15	19	<b>270</b>	4	196	13	186	12	217
01:30	14	<b>238</b>	1	216	3	186	6	213
01:45	12	<b>262</b>	3	208	8	204	8	225
02:00	10	<b>252</b>	6	184	4	206	7	214
02:15	10	228	5	174	5	218	7	207
02:30	12	238	3	190	6	190	7	206
02:45	18	234	4	191	5	*	9	212
03:00	9	202	2	204	5	*	5	203
03:15	6	212	4	206	4	*	5	209
03:30	6	202	4	191	3	*	4	196
03:45	6	193	6	204	8	*	7	198
04:00	4	206	6	209	12	*	7	208
04:15	7	224	4	199	4	*	5	212
04:30	5	218	9	228	6	*	7	223
04:45	4	187	10	210	14	*	9	198
05:00	3	154	16	214	9	*	9	184
05:15	5	144	23	216	29	*	19	180
05:30	9	146	33	<b>226</b>	28	*	23	186
05:45	10	122	38	<b>222</b>	51	*	33	172
06:00	7	124	41	<b>221</b>	58	*	35	172
06:15	15	105	70	<b>244</b>	55	*	47	174
06:30	22	99	77	172	74	*	58	136
06:45	32	116	120	184	133	*	95	150
07:00	19	134	85	164	107	*	70	149
07:15	20	97	126	140	133	*	93	118
07:30	25	87	146	122	139	*	103	104
07:45	41	101	182	127	186	*	136	114
08:00	33	77	180	126	168	*	127	102
08:15	27	84	178	107	180	*	128	96
08:30	45	62	160	84	168	*	124	73
08:45	65	59	172	73	172	*	136	66
09:00	81	67	158	73	170	*	136	70
09:15	86	52	140	76	160	*	129	64
09:30	100	48	166	54	156	*	141	51
09:45	138	43	154	65	157	*	150	54
10:00	90	38	148	40	146	*	128	39
10:15	112	38	152	33	140	*	135	36
10:30	126	25	149	34	143	*	139	30
10:45	150	21	170	30	185	*	168	26
11:00	<b>145</b>	21	<b>156</b>	29	<b>173</b>	*	<b>158</b>	25
11:15	<b>166</b>	18	<b>182</b>	24	<b>192</b>	*	<b>180</b>	21
11:30	<b>182</b>	14	<b>198</b>	16	<b>214</b>	*	<b>198</b>	15
11:45	<b>217</b>	18	<b>198</b>	13	<b>203</b>	*	<b>206</b>	16
Total	2269	6664	3742	7189	3885	2233	3297	6856
Combined Total	8933		10931		6118		10153	
Peak	11:00	01:15	11:00	05:30	11:00	00:15	11:00	00:15
Vol.	710	1022	734	913	782	855	742	896
P.H.F.	0.818	0.946	0.927	0.935	0.914	0.954	0.900	0.970
ADT	ADT 11,106		AADT 11,106					

# TEC Engineering, Inc.

214 West Main Street.  
Mason Ohio 45040

Site Code: 000000014567  
Station ID:  
North of I-71  
SB Kenwood Rd  
Latitude: 0' 0.000 Undefined

Start Time	Thu	17-Mar-11		Fri		18-Mar-11		Sat		19-Mar-11		Daily Average	
	A.M.	P.M.		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00	*	240		28	242			37	262			32	248
12:15	*	238		22	216			46	226			34	227
12:30	*	232		20	228			20	232			20	231
12:45	*	210		25	218			24	248			24	225
01:00	*	220		16	234			20	228			18	227
01:15	*	233		9	237			11	259			10	243
01:30	*	220		6	256			8	267			7	248
01:45	*	197		6	280			8	268			7	248
02:00	*	233		6	252			12	262			9	249
02:15	*	220		15	254			10	300			12	258
02:30	*	284		2	267			6	244			4	265
02:45	*	276		3	280			4	260			4	272
03:00	*	254		5	264			7	266			6	261
03:15	*	242		3	282			6	250			4	258
03:30	*	257		5	262			7	278			6	266
03:45	*	246		5	266			4	257			4	256
04:00	*	250		4	288			5	262			4	267
04:15	*	219		8	262			6	280			7	254
04:30	*	242		10	266			5	260			8	256
04:45	*	238		9	244			11	284			10	255
05:00	*	294		8	295			3	284			6	291
05:15	*	280		13	286			5	300			9	289
05:30	*	258		11	256			8	276			10	263
05:45	*	240		27	267			10	266			18	258
06:00	*	242		27	278			15	260			21	260
06:15	*	233		44	268			21	282			32	261
06:30	*	210		70	224			20	231			45	222
06:45	*	168		69	200			26	213			48	194
07:00	*	180		114	180			30	238			72	199
07:15	*	175		150	170			49	234			100	193
07:30	*	164		148	178			51	233			100	192
07:45	*	144		198	172			46	224			122	180
08:00	*	211		186	180			53	195			120	195
08:15	*	156		144	176			58	214			101	182
08:30	*	160		143	171			75	152			109	161
08:45	*	162		145	190			71	192			108	181
09:00	*	161		117	246			84	214			100	207
09:15	*	154		124	192			122	194			123	180
09:30	*	120		132	158			102	186			117	155
09:45	*	134		124	136			126	108			125	126
10:00	*	95		140	119			118	128			129	114
10:15	*	82		143	97			158	94			150	91
10:30	*	50		140	100			136	84			138	78
10:45	*	61		152	90			157	74			154	75
11:00	*	55		188	74			168	68			178	66
11:15	*	34		210	64			217	56			214	51
11:30	202	34		217	63			206	64			208	54
11:45	212	25		227	40			240	38			226	34
Total	414	9033		3618	9968			2632	10295			3113	9766
Combined Total		9447		13586				12927				12879	
Peak		05:00		11:00	05:00			11:00	04:45			11:00	05:00
Vol.		1072		842	1104			831	1144			826	1101
P.H.F.		0.912		0.927	0.936			0.866	0.953			0.914	0.946

# TEC Engineering, Inc.

214 West Main Street.  
Mason Ohio 45040

Site Code: 000000014567  
Station ID:  
North of I-71  
SB Kenwood Rd  
Latitude: 0' 0.000 Undefined

Start Time	Sun 20-Mar-11		Mon 21-Mar-11		Tue 22-Mar-11		Daily Average	
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00	58	156	22	192	24	182	35	177
12:15	42	186	10	226	12	218	21	210
12:30	44	170	14	212	20	192	26	191
12:45	32	184	15	190	19	204	22	193
01:00	22	166	5	202	5	204	11	191
01:15	14	210	8	218	11	<b>228</b>	11	219
01:30	16	229	1	200	10	<b>212</b>	9	214
01:45	14	226	3	221	6	<b>216</b>	8	221
02:00	7	233	12	214	4	<b>230</b>	8	226
02:15	10	192	1	212	6	222	6	209
02:30	9	223	10	222	5	212	8	219
02:45	10	236	4	221	1	48	5	168
03:00	10	214	2	228	6	*	6	221
03:15	10	246	3	236	6	*	6	241
03:30	3	210	3	240	5	*	4	225
03:45	8	227	3	212	3	*	5	220
04:00	4	236	7	208	5	*	5	222
04:15	7	238	5	220	7	*	6	229
04:30	6	232	5	240	5	*	5	236
04:45	6	234	8	<b>253</b>	6	*	7	<b>244</b>
05:00	4	236	9	<b>298</b>	4	*	6	<b>267</b>
05:15	2	234	14	<b>284</b>	12	*	9	<b>259</b>
05:30	6	<b>224</b>	16	<b>258</b>	12	*	11	<b>241</b>
05:45	9	<b>222</b>	24	251	21	*	18	236
06:00	9	<b>248</b>	33	244	26	*	23	246
06:15	18	<b>275</b>	51	214	51	*	40	244
06:30	12	184	54	199	66	*	44	192
06:45	15	170	83	216	80	*	59	193
07:00	24	140	104	190	100	*	76	165
07:15	18	154	119	170	117	*	85	162
07:30	33	146	158	174	186	*	126	160
07:45	30	114	162	158	197	*	130	136
08:00	23	96	184	160	178	*	128	128
08:15	25	91	118	161	162	*	102	126
08:30	45	91	120	138	148	*	104	114
08:45	82	76	109	111	106	*	99	94
09:00	66	94	138	169	114	*	106	132
09:15	58	72	114	158	116	*	96	115
09:30	64	60	115	111	124	*	101	86
09:45	56	38	114	79	94	*	88	58
10:00	66	53	120	85	116	*	101	69
10:15	93	56	130	62	122	*	115	59
10:30	92	34	129	50	146	*	122	42
10:45	132	42	141	46	146	*	140	44
11:00	<b>98</b>	20	<b>154</b>	39	<b>170</b>	*	<b>141</b>	30
11:15	<b>130</b>	28	<b>159</b>	32	<b>184</b>	*	<b>158</b>	30
11:30	<b>104</b>	27	<b>168</b>	44	<b>197</b>	*	<b>156</b>	36
11:45	<b>149</b>	16	<b>220</b>	22	<b>182</b>	*	<b>184</b>	19
Total	1795	7489	3201	8490	3343	2368	2782	7959
Combined Total	9284		11691		5711		10741	
Peak	11:00	05:30	11:00	04:45	11:00	01:15	11:00	04:45
Vol.	481	969	701	1093	733	886	639	1011
P.H.F.	0.807	0.881	0.797	0.917	0.930	0.963	0.868	0.947
ADT	ADT 11,872		AADT 11,872					

# TEC Engineering, Inc.

214 West Main Street.  
Mason Ohio 45040

Site Code: 000000014578  
Station ID:  
South of US 22  
SB Kenwood  
Latitude: 0' 0.000 Undefined

Start Time	Thu 17-Mar-11		Fri 18-Mar-11		Sat 19-Mar-11		Daily Average	
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00	*	247	<b>22</b>	*	*	*	22	247
12:15	*	218	<b>18</b>	*	*	*	18	218
12:30	*	218	<b>20</b>	*	*	*	20	218
12:45	*	205	<b>23</b>	*	*	*	23	205
01:00	*	241	15	*	*	*	15	241
01:15	*	215	10	*	*	*	10	215
01:30	*	222	3	*	*	*	3	222
01:45	*	213	6	*	*	*	6	213
02:00	*	243	7	*	*	*	7	243
02:15	*	226	12	*	*	*	12	226
02:30	*	270	2	*	*	*	2	270
02:45	*	262	4	*	*	*	4	262
03:00	*	257	4	*	*	*	4	257
03:15	*	251	*	*	*	*	*	251
03:30	*	240	*	*	*	*	*	240
03:45	*	232	*	*	*	*	*	232
04:00	*	250	*	*	*	*	*	250
04:15	*	227	*	*	*	*	*	227
04:30	*	232	*	*	*	*	*	232
04:45	*	<b>247</b>	*	*	*	*	*	<b>247</b>
05:00	*	<b>288</b>	*	*	*	*	*	<b>288</b>
05:15	*	<b>282</b>	*	*	*	*	*	<b>282</b>
05:30	*	<b>254</b>	*	*	*	*	*	<b>254</b>
05:45	*	241	*	*	*	*	*	241
06:00	*	228	*	*	*	*	*	228
06:15	*	228	*	*	*	*	*	228
06:30	*	210	*	*	*	*	*	210
06:45	*	162	*	*	*	*	*	162
07:00	*	176	*	*	*	*	*	176
07:15	*	160	*	*	*	*	*	160
07:30	*	163	*	*	*	*	*	163
07:45	*	166	*	*	*	*	*	166
08:00	*	204	*	*	*	*	*	204
08:15	*	150	*	*	*	*	*	150
08:30	*	150	*	*	*	*	*	150
08:45	*	134	*	*	*	*	*	134
09:00	*	158	*	*	*	*	*	158
09:15	*	142	*	*	*	*	*	142
09:30	*	111	*	*	*	*	*	111
09:45	*	100	*	*	*	*	*	100
10:00	*	84	*	*	*	*	*	84
10:15	*	78	*	*	*	*	*	78
10:30	*	46	*	*	*	*	*	46
10:45	*	59	*	*	*	*	*	59
11:00	<b>176</b>	50	*	*	*	*	<b>176</b>	50
11:15	<b>212</b>	27	*	*	*	*	<b>212</b>	27
11:30	<b>193</b>	32	*	*	*	*	<b>193</b>	32
11:45	<b>227</b>	27	*	*	*	*	<b>227</b>	27
<b>Total</b>	<b>808</b>	<b>8826</b>	<b>146</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>954</b>	<b>8826</b>
<b>Combined Total</b>	<b>9634</b>		<b>146</b>		<b>0</b>		<b>9780</b>	
Peak	11:00	04:45	12:00				11:00	04:45
Vol.	808	1071	83				808	1071
P.H.F.	0.890	0.930	0.902				0.890	0.930
ADT		ADT 49	AADT 49					