



Fuhrmann Engineering
 2852 South 11th Street
 Springfield, Illinois, United States 62703
 217 529 5577 dbaugh@fuhrmann-eng.com

Count Name: Lawrence & Walnut
 Site Code:
 Start Date: 03/24/2021
 Page No: 1

Turning Movement Data

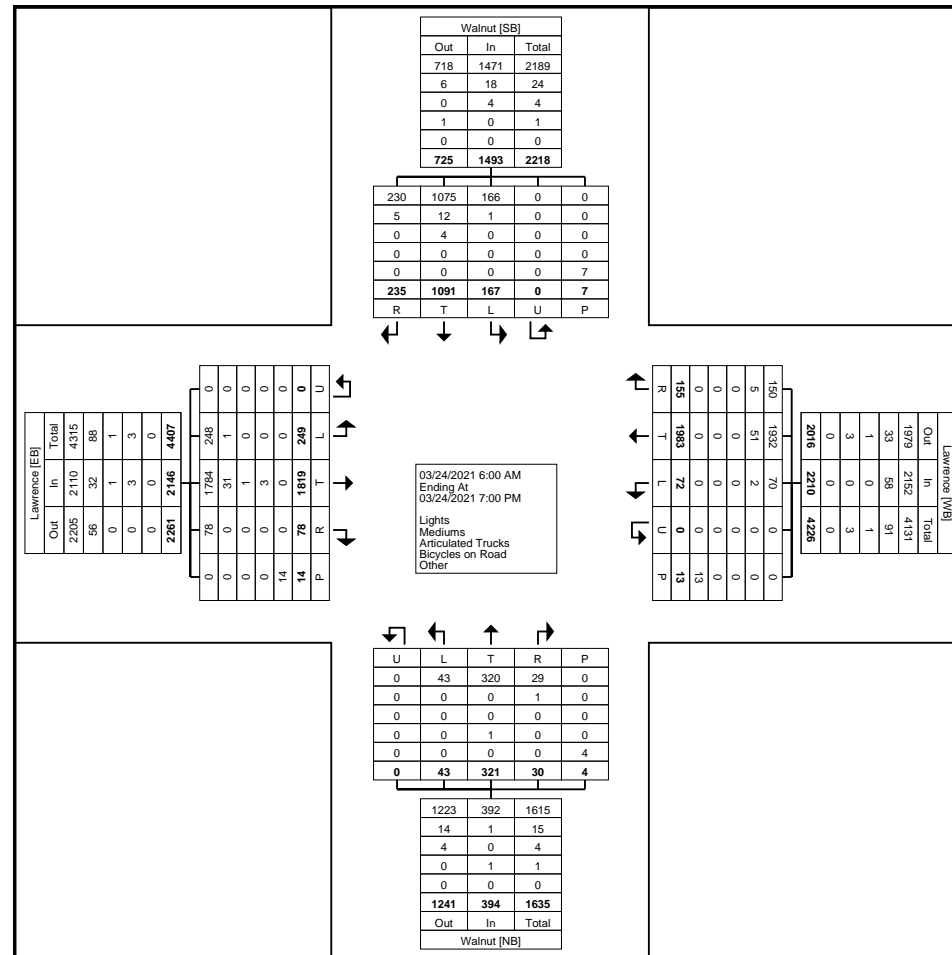
Start Time	Walnut Southbound						Lawrence Westbound						Walnut Northbound						Lawrence Eastbound						Int. Total
	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	
6:00 AM	0	8	2	0	0	10	0	6	0	0	0	6	0	7	0	0	1	7	0	14	4	0	0	18	41
6:15 AM	3	6	3	0	0	12	4	12	0	0	0	16	0	11	0	0	0	11	1	21	2	0	0	24	63
6:30 AM	3	16	2	0	0	21	5	17	2	0	0	24	0	11	0	0	0	11	1	34	9	0	0	44	100
6:45 AM	0	18	3	0	0	21	8	23	1	0	0	32	1	7	0	0	0	8	2	58	7	0	0	67	128
Hourly Total	6	48	10	0	0	64	17	58	3	0	0	78	1	36	0	0	1	37	4	127	22	0	0	153	332
7:00 AM	8	12	3	0	0	23	2	29	0	0	0	31	0	17	0	0	0	17	1	49	9	0	0	59	130
7:15 AM	8	20	10	0	0	38	7	32	0	0	0	39	1	16	1	0	0	18	2	74	14	0	0	90	185
7:30 AM	4	24	9	0	0	37	9	57	2	0	0	68	4	17	2	0	0	23	1	117	21	0	0	139	267
7:45 AM	7	33	9	0	0	49	15	47	0	0	2	62	6	31	3	0	0	40	4	168	21	0	0	193	344
Hourly Total	27	89	31	0	0	147	33	165	2	0	2	200	11	81	6	0	0	98	8	408	65	0	0	481	926
8:00 AM	9	38	11	0	0	58	9	47	4	0	1	60	5	21	4	0	0	30	3	140	23	0	2	166	314
8:15 AM	2	23	11	0	0	36	4	47	2	0	0	53	2	14	2	0	0	18	3	135	10	0	0	148	255
8:30 AM	8	38	8	0	0	54	6	38	0	0	0	44	2	10	2	0	1	14	3	79	10	0	0	92	204
8:45 AM	4	24	12	0	0	40	7	54	2	0	0	63	0	11	0	0	0	11	4	78	4	0	0	86	200
Hourly Total	23	123	42	0	0	188	26	186	8	0	1	220	9	56	8	0	1	73	13	432	47	0	2	492	973
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	9	42	4	0	0	55	8	87	2	0	1	97	1	9	0	0	0	10	7	62	9	0	0	78	240
3:15 PM	9	50	8	0	0	67	1	88	2	0	0	91	2	12	2	0	0	16	3	58	9	0	2	70	244
3:30 PM	18	49	3	0	1	70	7	95	1	0	0	103	2	8	1	0	0	11	4	57	12	0	0	73	257
3:45 PM	8	59	5	0	0	72	7	83	1	0	2	91	0	12	2	0	0	14	5	57	9	0	0	71	248
Hourly Total	44	200	20	0	1	264	23	353	6	0	3	382	5	41	5	0	0	51	19	234	39	0	2	292	989
4:00 PM	13	54	6	0	1	73	4	119	9	0	1	132	0	10	3	0	0	13	2	54	7	0	0	63	281
4:15 PM	19	54	4	0	0	77	8	113	4	0	0	125	1	9	2	0	0	12	3	53	7	0	0	63	277
4:30 PM	20	90	6	0	0	116	4	187	8	0	0	199	2	13	0	0	0	15	1	60	8	0	0	69	399
4:45 PM	11	55	7	0	0	73	9	137	7	0	1	153	0	8	1	0	1	9	7	61	6	0	0	74	309
Hourly Total	63	253	23	0	1	339	25	556	28	0	2	609	3	40	6	0	1	49	13	228	28	0	0	269	1266
5:00 PM	15	84	10	0	0	109	5	181	2	0	0	188	0	17	3	0	1	20	1	57	5	0	0	63	380
5:15 PM	12	59	7	0	1	78	4	108	3	0	1	115	0	17	3	0	0	20	6	67	8	0	0	81	294
5:30 PM	10	57	2	0	0	69	5	85	4	0	1	94	0	8	3	0	0	11	4	62	7	0	0	73	247
5:45 PM	9	41	5	0	2	55	2	72	4	0	0	78	0	5	5	0	0	10	3	61	5	0	4	69	212
Hourly Total	46	241	24	0	3	311	16	446	13	0	2	475	0	47	14	0	1	61	14	247	25	0	4	286	1133
6:00 PM	4	36	5	0	0	45	3	75	4	0	1	82	0	8	1	0	0	9	1	35	5	0	0	41	177
6:15 PM	7	34	1	0	1	42	7	49	1	0	1	57	1	4	2	0	0	7	2	43	5	0	5	50	156
6:30 PM	11	40	5	0	0	56	0	62	5	0	1	67	0	5	1	0	0	6	1	34	7	0	0	42	171
6:45 PM	4	27	6	0	1	37	5	33	2	0	0	40	0	3	0	0	0	3	3	31	6	0	1	40	120
Hourly Total	26	137	17	0	2	180	15	219	12	0	3	246	1	20	4	0	0	25	7	143	23	0	6	173	624

Grand Total	235	1091	167	0	7	1493	155	1983	72	0	13	2210	30	321	43	0	4	394	78	1819	249	0	14	2146	6243
Approach %	15.7	73.1	11.2	0.0	-	-	7.0	89.7	3.3	0.0	-	-	7.6	81.5	10.9	0.0	-	-	3.6	84.8	11.6	0.0	-	-	-
Total %	3.8	17.5	2.7	0.0	-	23.9	2.5	31.8	1.2	0.0	-	35.4	0.5	5.1	0.7	0.0	-	6.3	1.2	29.1	4.0	0.0	-	34.4	-
Lights	230	1075	166	0	-	1471	150	1932	70	0	-	2152	29	320	43	0	-	392	78	1784	248	0	-	2110	6125
% Lights	97.9	98.5	99.4	-	-	98.5	96.8	97.4	97.2	-	-	97.4	96.7	99.7	100.0	-	-	99.5	100.0	98.1	99.6	-	-	98.3	98.1
Mediums	5	12	1	0	-	18	5	51	2	0	-	58	1	0	0	0	-	1	0	31	1	0	-	32	109
% Mediums	2.1	1.1	0.6	-	-	1.2	3.2	2.6	2.8	-	-	2.6	3.3	0.0	0.0	-	-	0.3	0.0	1.7	0.4	-	-	1.5	1.7
Articulated Trucks	0	4	0	0	-	4	0	0	0	0	-	0	0	0	0	0	-	0	0	1	0	0	-	1	5
% Articulated Trucks	0.0	0.4	0.0	-	-	0.3	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.1	0.0	-	-	0.0	0.1
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	1	0	0	-	1	0	3	0	0	-	3	4
% Bicycles on Road	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.3	0.0	-	-	0.3	0.0	0.2	0.0	-	-	0.1	0.1
Bicycles on Crosswalk	-	-	-	-	1	-	-	-	-	2	-	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	14.3	-	-	-	-	15.4	-	-	-	-	-	0.0	-	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	6	-	-	-	-	11	-	-	-	-	-	4	-	-	-	-	-	-	14	-	-
% Pedestrians	-	-	-	-	85.7	-	-	-	-	84.6	-	-	-	-	-	100.0	-	-	-	-	-	-	100.0	-	-



Fuhrmann Engineering
 2852 South 11th Street
 Springfield, Illinois, United States 62703
 217 529 5577 dbaugh@fuhrmann-eng.com

Count Name: Lawrence & Walnut
 Site Code:
 Start Date: 03/24/2021
 Page No: 3



Turning Movement Data Plot



Fuhrmann Engineering
 2852 South 11th Street
 Springfield, Illinois, United States 62703
 217 529 5577 dbaugh@fuhrmann-eng.com

Count Name: Lawrence & Walnut
 Site Code:
 Start Date: 03/24/2021
 Page No: 4

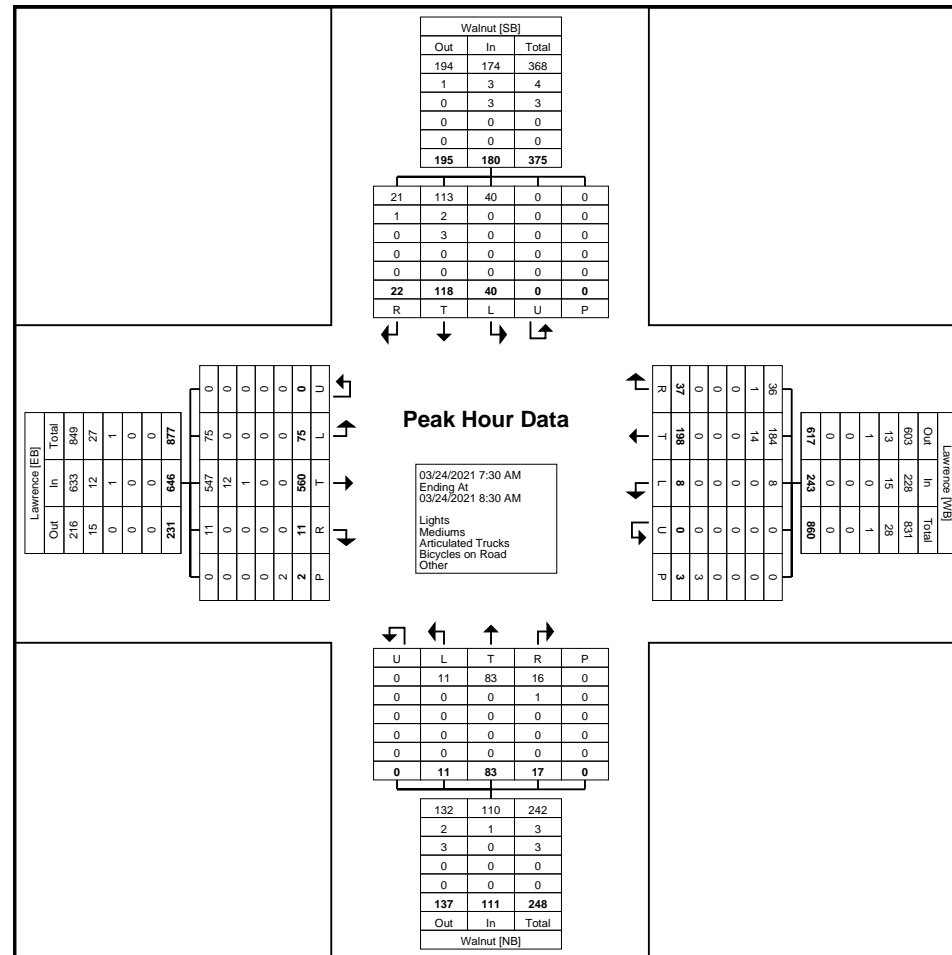
Turning Movement Peak Hour Data (7:30 AM)

Start Time	Walnut Southbound						Lawrence Westbound						Walnut Northbound						Lawrence Eastbound						Int. Total
	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	
7:30 AM	4	24	9	0	0	37	9	57	2	0	0	68	4	17	2	0	0	23	1	117	21	0	0	139	267
7:45 AM	7	33	9	0	0	49	15	47	0	0	2	62	6	31	3	0	0	40	4	168	21	0	0	193	344
8:00 AM	9	38	11	0	0	58	9	47	4	0	1	60	5	21	4	0	0	30	3	140	23	0	2	166	314
8:15 AM	2	23	11	0	0	36	4	47	2	0	0	53	2	14	2	0	0	18	3	135	10	0	0	148	255
Total	22	118	40	0	0	180	37	198	8	0	3	243	17	83	11	0	0	111	11	560	75	0	2	646	1180
Approach %	12.2	65.6	22.2	0.0	-	-	15.2	81.5	3.3	0.0	-	-	15.3	74.8	9.9	0.0	-	-	1.7	86.7	11.6	0.0	-	-	-
Total %	1.9	10.0	3.4	0.0	-	15.3	3.1	16.8	0.7	0.0	-	20.6	1.4	7.0	0.9	0.0	-	9.4	0.9	47.5	6.4	0.0	-	54.7	-
PHF	0.611	0.776	0.909	0.000	-	0.776	0.617	0.868	0.500	0.000	-	0.893	0.708	0.669	0.688	0.000	-	0.694	0.688	0.833	0.815	0.000	-	0.837	0.858
Lights	21	113	40	0	-	174	36	184	8	0	-	228	16	83	11	0	-	110	11	547	75	0	-	633	1145
% Lights	95.5	95.8	100.0	-	-	96.7	97.3	92.9	100.0	-	-	93.8	94.1	100.0	100.0	-	-	99.1	100.0	97.7	100.0	-	-	98.0	97.0
Mediums	1	2	0	0	-	3	1	14	0	0	-	15	1	0	0	0	-	1	0	12	0	0	-	12	31
% Mediums	4.5	1.7	0.0	-	-	1.7	2.7	7.1	0.0	-	-	6.2	5.9	0.0	0.0	-	-	0.9	0.0	2.1	0.0	-	-	1.9	2.6
Articulated Trucks	0	3	0	0	-	3	0	0	0	0	-	0	0	0	0	0	-	0	0	1	0	0	-	1	4
% Articulated Trucks	0.0	2.5	0.0	-	-	1.7	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.2	0.0	-	-	0.2	0.3
Bicycles on Road	0	0	0	0	-	0	0	0	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	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-
Pedestrians	-	-	-	-	0	-	-	-	-	-	3	-	-	-	-	-	0	-	-	-	-	-	2	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-



Fuhrmann Engineering
 2852 South 11th Street
 Springfield, Illinois, United States 62703
 217 529 5577 dbaugh@fuhrmann-eng.com

Count Name: Lawrence & Walnut
 Site Code:
 Start Date: 03/24/2021
 Page No: 5



Turning Movement Peak Hour Data Plot (7:30 AM)



Fuhrmann Engineering
 2852 South 11th Street
 Springfield, Illinois, United States 62703
 217 529 5577 dbaughter@fuhrmann-eng.com

Count Name: Lawrence & Walnut
 Site Code:
 Start Date: 03/24/2021
 Page No: 6

Turning Movement Peak Hour Data (4:30 PM)

Start Time	Walnut Southbound						Lawrence Westbound						Walnut Northbound						Lawrence Eastbound						Int. Total
	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	
4:30 PM	20	90	6	0	0	116	4	187	8	0	0	199	2	13	0	0	0	15	1	60	8	0	0	69	399
4:45 PM	11	55	7	0	0	73	9	137	7	0	1	153	0	8	1	0	1	9	7	61	6	0	0	74	309
5:00 PM	15	84	10	0	0	109	5	181	2	0	0	188	0	17	3	0	1	20	1	57	5	0	0	63	380
5:15 PM	12	59	7	0	1	78	4	108	3	0	1	115	0	17	3	0	0	20	6	67	8	0	0	81	294
Total	58	288	30	0	1	376	22	613	20	0	2	655	2	55	7	0	2	64	15	245	27	0	0	287	1382
Approach %	15.4	76.6	8.0	0.0	-	-	3.4	93.6	3.1	0.0	-	-	3.1	85.9	10.9	0.0	-	-	5.2	85.4	9.4	0.0	-	-	-
Total %	4.2	20.8	2.2	0.0	-	27.2	1.6	44.4	1.4	0.0	-	47.4	0.1	4.0	0.5	0.0	-	4.6	1.1	17.7	2.0	0.0	-	20.8	-
PHF	0.725	0.800	0.750	0.000	-	0.810	0.611	0.820	0.625	0.000	-	0.823	0.250	0.809	0.583	0.000	-	0.800	0.536	0.914	0.844	0.000	-	0.886	0.866
Lights	58	287	30	0	-	375	21	610	20	0	-	651	2	55	7	0	-	64	15	244	27	0	-	286	1376
% Lights	100.0	99.7	100.0	-	-	99.7	95.5	99.5	100.0	-	-	99.4	100.0	100.0	100.0	-	-	100.0	100.0	99.6	100.0	-	-	99.7	99.6
Mediums	0	1	0	0	-	1	1	3	0	0	-	4	0	0	0	0	-	0	0	1	0	0	-	1	6
% Mediums	0.0	0.3	0.0	-	-	0.3	4.5	0.5	0.0	-	-	0.6	0.0	0.0	0.0	-	-	0.0	0.0	0.4	0.0	-	-	0.3	0.4
Articulated Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Articulated Trucks	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	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
% 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	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	0.0	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-

