



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

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

Turning Movement Data

Start Time	McArthur Southbound						Lawrence Westbound						McArthur 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	1	9	1	0	0	11	0	7	1	0	0	8	3	26	8	0	0	37	5	12	0	0	0	17	73
6:15 AM	2	20	0	0	0	22	0	11	5	0	0	16	4	41	2	0	0	47	5	18	1	0	0	24	109
6:30 AM	3	35	1	0	0	39	0	16	3	0	0	19	3	45	10	0	0	58	18	41	3	0	1	62	178
6:45 AM	3	32	4	0	0	39	1	24	1	0	0	26	5	64	15	0	0	84	8	53	2	0	0	63	212
Hourly Total	9	96	6	0	0	111	1	58	10	0	0	69	15	176	35	0	0	226	36	124	6	0	1	166	572
7:00 AM	4	44	2	0	1	50	1	35	1	0	2	37	10	59	19	0	0	88	19	53	8	0	0	80	255
7:15 AM	0	55	1	0	0	56	3	34	5	0	0	42	8	102	24	0	0	134	22	78	6	0	0	106	338
7:30 AM	1	74	5	0	0	80	3	50	6	0	0	59	21	165	25	0	0	211	31	135	23	0	0	189	539
7:45 AM	7	121	1	0	0	129	1	48	12	0	1	61	27	176	32	0	0	235	41	165	19	0	0	225	650
Hourly Total	12	294	9	0	1	315	8	167	24	0	3	199	66	502	100	0	0	668	113	431	56	0	0	600	1782
8:00 AM	2	75	5	0	0	82	4	50	7	0	0	61	13	114	39	0	1	166	21	144	5	0	0	170	479
8:15 AM	2	66	6	0	0	74	8	40	4	0	0	52	12	96	22	0	0	130	22	123	7	0	0	152	408
8:30 AM	2	66	3	0	0	71	1	38	11	0	4	50	17	81	16	0	0	114	17	72	5	0	0	94	329
8:45 AM	3	46	1	0	0	50	4	45	10	0	0	59	12	87	28	0	0	127	30	67	2	0	1	99	335
Hourly Total	9	253	15	0	0	277	17	173	32	0	4	222	54	378	105	0	1	537	90	406	19	0	1	515	1551
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	3	111	6	0	0	120	0	81	13	0	0	94	13	110	38	0	0	161	21	62	2	0	1	85	460
3:15 PM	9	92	9	0	0	110	1	90	11	0	0	102	12	93	23	0	0	128	25	46	4	0	1	75	415
3:30 PM	9	96	3	0	0	108	6	87	17	0	0	110	13	100	22	0	0	135	22	54	1	0	2	77	430
3:45 PM	11	103	7	0	0	121	3	74	10	0	0	87	14	111	37	0	0	162	24	54	5	0	0	83	453
Hourly Total	32	402	25	0	0	459	10	332	51	0	0	393	52	414	120	0	0	586	92	216	12	0	4	320	1758
4:00 PM	8	126	0	0	0	134	2	115	13	0	2	130	13	126	28	0	1	167	12	49	2	0	1	63	494
4:15 PM	5	94	2	0	0	101	4	110	21	0	0	135	10	103	24	0	0	137	15	53	3	0	1	71	444
4:30 PM	12	159	2	0	0	173	4	170	40	0	1	214	9	134	39	0	0	182	27	59	2	0	0	88	657
4:45 PM	11	99	3	0	0	113	2	119	21	0	0	142	15	105	31	0	0	151	33	59	3	0	0	95	501
Hourly Total	36	478	7	0	0	521	12	514	95	0	3	621	47	468	122	0	1	637	87	220	10	0	2	317	2096
5:00 PM	8	136	5	0	0	149	5	171	32	0	0	208	8	116	36	0	1	160	29	57	2	0	0	88	605
5:15 PM	7	102	4	0	1	113	3	92	23	0	0	118	5	104	32	0	0	141	24	65	5	0	0	94	466
5:30 PM	4	85	3	0	0	92	4	73	12	0	1	89	19	104	32	0	2	155	24	55	3	0	0	82	418
5:45 PM	8	79	4	0	2	91	3	67	15	0	1	85	9	87	32	0	0	128	22	51	2	0	1	75	379
Hourly Total	27	402	16	0	3	445	15	403	82	0	2	500	41	411	132	0	3	584	99	228	12	0	1	339	1868
6:00 PM	1	63	2	0	0	66	3	58	19	0	0	80	5	76	23	0	0	104	23	38	4	0	0	65	315
6:15 PM	6	67	8	0	0	81	0	46	11	0	0	57	12	95	27	0	0	134	24	35	6	0	0	65	337
6:30 PM	3	60	3	0	0	66	4	58	10	0	1	72	5	88	21	0	1	114	18	41	3	0	0	62	314
6:45 PM	6	50	2	0	1	58	1	34	4	0	0	39	6	67	20	0	0	93	17	27	3	0	1	47	237
Hourly Total	16	240	15	0	1	271	8	196	44	0	1	248	28	326	91	0	1	445	82	141	16	0	1	239	1203

Grand Total	141	2165	93	0	5	2399	71	1843	338	0	13	2252	303	2675	705	0	6	3683	599	1766	131	0	10	2496	10830
Approach %	5.9	90.2	3.9	0.0	-	-	3.2	81.8	15.0	0.0	-	-	8.2	72.6	19.1	0.0	-	-	24.0	70.8	5.2	0.0	-	-	-
Total %	1.3	20.0	0.9	0.0	-	22.2	0.7	17.0	3.1	0.0	-	20.8	2.8	24.7	6.5	0.0	-	34.0	5.5	16.3	1.2	0.0	-	23.0	-
Lights	136	2135	91	0	-	2362	68	1794	334	0	-	2196	299	2652	696	0	-	3647	588	1734	130	0	-	2452	10657
% Lights	96.5	98.6	97.8	-	-	98.5	95.8	97.3	98.8	-	-	97.5	98.7	99.1	98.7	-	-	99.0	98.2	98.2	99.2	-	-	98.2	98.4
Mediums	3	24	2	0	-	29	2	49	4	0	-	55	4	20	5	0	-	29	10	29	1	0	-	40	153
% Mediums	2.1	1.1	2.2	-	-	1.2	2.8	2.7	1.2	-	-	2.4	1.3	0.7	0.7	-	-	0.8	1.7	1.6	0.8	-	-	1.6	1.4
Articulated Trucks	1	6	0	0	-	7	1	0	0	0	-	1	0	3	4	0	-	7	1	2	0	0	-	3	18
% Articulated Trucks	0.7	0.3	0.0	-	-	0.3	1.4	0.0	0.0	-	-	0.0	0.0	0.1	0.6	-	-	0.2	0.2	0.1	0.0	-	-	0.1	0.2
Bicycles on Road	1	0	0	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	0	1	0	0	-	1	2
% Bicycles on Road	0.7	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.1	0.0	-	-	0.0	0.0
Bicycles on Crosswalk	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	2	-	-
% Bicycles on Crosswalk	-	-	-	-	20.0	-	-	-	-	-	7.7	-	-	-	-	-	16.7	-	-	-	-	-	20.0	-	-
Pedestrians	-	-	-	-	4	-	-	-	-	-	12	-	-	-	-	-	5	-	-	-	-	-	8	-	-
% Pedestrians	-	-	-	-	80.0	-	-	-	-	-	92.3	-	-	-	-	-	83.3	-	-	-	-	-	80.0	-	-



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Count Name: Lawrence & McArthur
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 Start Date: 03/24/2021
 Page No: 4

Turning Movement Peak Hour Data (7:30 AM)

Start Time	McArthur Southbound						Lawrence Westbound						McArthur 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	1	74	5	0	0	80	3	50	6	0	0	59	21	165	25	0	0	211	31	135	23	0	0	189	539
7:45 AM	7	121	1	0	0	129	1	48	12	0	1	61	27	176	32	0	0	235	41	165	19	0	0	225	650
8:00 AM	2	75	5	0	0	82	4	50	7	0	0	61	13	114	39	0	1	166	21	144	5	0	0	170	479
8:15 AM	2	66	6	0	0	74	8	40	4	0	0	52	12	96	22	0	0	130	22	123	7	0	0	152	408
Total	12	336	17	0	0	365	16	188	29	0	1	233	73	551	118	0	1	742	115	567	54	0	0	736	2076
Approach %	3.3	92.1	4.7	0.0	-	-	6.9	80.7	12.4	0.0	-	-	9.8	74.3	15.9	0.0	-	-	15.6	77.0	7.3	0.0	-	-	-
Total %	0.6	16.2	0.8	0.0	-	17.6	0.8	9.1	1.4	0.0	-	11.2	3.5	26.5	5.7	0.0	-	35.7	5.5	27.3	2.6	0.0	-	35.5	-
PHF	0.429	0.694	0.708	0.000	-	0.707	0.500	0.940	0.604	0.000	-	0.955	0.676	0.783	0.756	0.000	-	0.789	0.701	0.859	0.587	0.000	-	0.818	0.798
Lights	12	327	16	0	-	355	15	176	27	0	-	218	73	544	116	0	-	733	113	556	53	0	-	722	2028
% Lights	100.0	97.3	94.1	-	-	97.3	93.8	93.6	93.1	-	-	93.6	100.0	98.7	98.3	-	-	98.8	98.3	98.1	98.1	-	-	98.1	97.7
Mediums	0	6	1	0	-	7	1	12	2	0	-	15	0	6	2	0	-	8	2	10	1	0	-	13	43
% Mediums	0.0	1.8	5.9	-	-	1.9	6.3	6.4	6.9	-	-	6.4	0.0	1.1	1.7	-	-	1.1	1.7	1.8	1.9	-	-	1.8	2.1
Articulated Trucks	0	3	0	0	-	3	0	0	0	0	-	0	0	1	0	0	-	1	0	1	0	0	-	1	5
% Articulated Trucks	0.0	0.9	0.0	-	-	0.8	0.0	0.0	0.0	-	-	0.0	0.0	0.2	0.0	-	-	0.1	0.0	0.2	0.0	-	-	0.1	0.2
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	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-



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Count Name: Lawrence & McArthur
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 Start Date: 03/24/2021
 Page No: 6

Turning Movement Peak Hour Data (4:30 PM)

Start Time	McArthur Southbound						Lawrence Westbound						McArthur 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	12	159	2	0	0	173	4	170	40	0	1	214	9	134	39	0	0	182	27	59	2	0	0	88	657
4:45 PM	11	99	3	0	0	113	2	119	21	0	0	142	15	105	31	0	0	151	33	59	3	0	0	95	501
5:00 PM	8	136	5	0	0	149	5	171	32	0	0	208	8	116	36	0	1	160	29	57	2	0	0	88	605
5:15 PM	7	102	4	0	1	113	3	92	23	0	0	118	5	104	32	0	0	141	24	65	5	0	0	94	466
Total	38	496	14	0	1	548	14	552	116	0	1	682	37	459	138	0	1	634	113	240	12	0	0	365	2229
Approach %	6.9	90.5	2.6	0.0	-	-	2.1	80.9	17.0	0.0	-	-	5.8	72.4	21.8	0.0	-	-	31.0	65.8	3.3	0.0	-	-	-
Total %	1.7	22.3	0.6	0.0	-	24.6	0.6	24.8	5.2	0.0	-	30.6	1.7	20.6	6.2	0.0	-	28.4	5.1	10.8	0.5	0.0	-	16.4	-
PHF	0.792	0.780	0.700	0.000	-	0.792	0.700	0.807	0.725	0.000	-	0.797	0.617	0.856	0.885	0.000	-	0.871	0.856	0.923	0.600	0.000	-	0.961	0.848
Lights	37	494	14	0	-	545	14	549	115	0	-	678	36	456	138	0	-	630	113	237	12	0	-	362	2215
% Lights	97.4	99.6	100.0	-	-	99.5	100.0	99.5	99.1	-	-	99.4	97.3	99.3	100.0	-	-	99.4	100.0	98.8	100.0	-	-	99.2	99.4
Mediums	0	2	0	0	-	2	0	3	1	0	-	4	1	3	0	0	-	4	0	2	0	0	-	2	12
% Mediums	0.0	0.4	0.0	-	-	0.4	0.0	0.5	0.9	-	-	0.6	2.7	0.7	0.0	-	-	0.6	0.0	0.8	0.0	-	-	0.5	0.5
Articulated Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	1	0	0	-	1	1
% 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	0.4	0.0	-	-	0.3	0.0
Bicycles on Road	1	0	0	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	1
% Bicycles on Road	2.6	0.0	0.0	-	-	0.2	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	-	-	-	-	-	1	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	0.0	-	-	-	-	-	0.0	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-

