

Stonefield Engineering & Design, LLC

92 Park Avenue, Rutherford, NJ 07070

201.340.4468 t. 201.340.4472 f.

Intersection of Parkview Drive/Morley Lane (E/W)
and Broad Street (N/S)
Bloomfield, Essex County, New Jersey
Wednesday, November 16, 2022

File Name : RUT-220156_NOV
Site Code : 00220156
Start Date : 11/16/2022
Page No : 1

Groups Printed- Auto - HV - B/SB

Start Time	Parkview Drive Eastbound				Morley Lane Westbound				Broad Street Northbound				Broad Street Southbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	0	0	19	19	0	0	0	0	2	100	2	104	0	77	0	77	200
07:15 AM	1	0	10	11	3	1	1	5	1	101	1	103	0	110	0	110	229
07:30 AM	2	0	26	28	2	0	0	2	5	121	0	126	0	107	0	107	263
07:45 AM	0	0	10	10	0	1	5	6	0	152	0	152	0	124	1	125	293
Total	3	0	65	68	5	2	6	13	8	474	3	485	0	418	1	419	985
08:00 AM	1	0	25	26	1	0	1	2	2	154	2	158	1	114	5	120	306
08:15 AM	2	0	33	35	5	0	2	7	2	181	2	185	0	149	16	165	392
08:30 AM	6	0	21	27	2	1	1	4	6	186	1	193	0	115	8	123	347
08:45 AM	0	0	13	13	3	0	1	4	8	137	2	147	0	139	2	141	305
Total	9	0	92	101	11	1	5	17	18	658	7	683	1	517	31	549	1350

*** BREAK ***

02:00 PM	0	0	21	21	0	0	2	2	6	116	0	122	0	122	3	125	270
02:15 PM	2	0	18	20	1	0	0	1	9	118	3	130	0	123	5	128	279
02:30 PM	2	0	21	23	0	0	1	1	4	117	2	123	1	124	5	130	277
02:45 PM	2	0	19	21	1	0	0	1	10	103	0	113	2	131	2	135	270
Total	6	0	79	85	2	0	3	5	29	454	5	488	3	500	15	518	1096
03:00 PM	3	0	34	37	1	0	2	3	10	172	4	186	1	118	5	124	350
03:15 PM	1	0	27	28	0	0	0	0	10	133	1	144	2	188	5	195	367
03:30 PM	5	0	28	33	2	0	2	4	24	144	2	170	1	154	7	162	369
03:45 PM	5	0	36	41	2	0	1	3	16	142	0	158	0	136	3	139	341
Total	14	0	125	139	5	0	5	10	60	591	7	658	4	596	20	620	1427
04:00 PM	2	0	24	26	1	0	2	3	9	147	1	157	2	143	3	148	334
04:15 PM	7	0	25	32	0	0	1	1	20	111	1	132	1	165	5	171	336
04:30 PM	3	0	24	27	0	0	2	2	14	156	1	171	1	155	4	160	360
04:45 PM	2	0	25	27	0	0	0	0	12	148	0	160	2	124	5	131	318
Total	14	0	98	112	1	0	5	6	55	562	3	620	6	587	17	610	1348
05:00 PM	2	0	30	32	1	0	0	1	11	169	1	181	0	173	3	176	390
05:15 PM	7	1	53	61	1	0	1	2	14	148	0	162	0	137	5	142	367
05:30 PM	4	0	28	32	1	0	0	1	7	147	2	156	0	155	4	159	348
05:45 PM	4	0	18	22	1	0	0	1	11	142	1	154	1	158	4	163	340
Total	17	1	129	147	4	0	1	5	43	606	4	653	1	623	16	640	1445
06:00 PM	4	0	23	27	2	0	2	4	21	149	0	170	2	177	6	185	386
06:15 PM	2	0	20	22	0	0	2	2	4	99	2	105	0	132	2	134	263
06:30 PM	1	0	18	19	0	0	0	0	14	115	0	129	1	153	0	154	302
06:45 PM	3	0	14	17	1	0	0	1	10	91	1	102	0	130	0	130	250
Total	10	0	75	85	3	0	4	7	49	454	3	506	3	592	8	603	1201
Grand Total	73	1	663	737	31	3	29	63	262	3799	32	4093	18	3833	108	3959	8852
Apprch %	9.9	0.1	90		49.2	4.8	46		6.4	92.8	0.8		0.5	96.8	2.7		
Total %	0.8	0	7.5	8.3	0.4	0	0.3	0.7	3	42.9	0.4	46.2	0.2	43.3	1.2	44.7	
Auto	71	1	656	728	31	3	28	62	258	3710	32	4000	18	3721	104	3843	8633
% Auto	97.3	100	98.9	98.8	100	100	96.6	98.4	98.5	97.7	100	97.7	100	97.1	96.3	97.1	97.5

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	Parkview Drive Eastbound				Morley Lane Westbound				Broad Street Northbound				Broad Street Southbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
HV	0	0	2	2	0	0	0	0	3	48	0	51	0	54	2	56	109
% HV	0	0	0.3	0.3	0	0	0	0	1.1	1.3	0	1.2	0	1.4	1.9	1.4	1.2
B/SB	2	0	5	7	0	0	1	1	1	41	0	42	0	58	2	60	110
% B/SB	2.7	0	0.8	0.9	0	0	3.4	1.6	0.4	1.1	0	1	0	1.5	1.9	1.5	1.2

Start Time	Parkview Drive Eastbound				Morley Lane Westbound				Broad Street Northbound				Broad Street Southbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	

Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 08:00 AM

08:00 AM	1	0	25	26	1	0	1	2	2	154	2	158	1	114	5	120	306
08:15 AM	2	0	33	35	5	0	2	7	2	181	2	185	0	149	16	165	392
08:30 AM	6	0	21	27	2	1	1	4	6	186	1	193	0	115	8	123	347
08:45 AM	0	0	13	13	3	0	1	4	8	137	2	147	0	139	2	141	305
Total Volume	9	0	92	101	11	1	5	17	18	658	7	683	1	517	31	549	1350
% App. Total	8.9	0	91.1		64.7	5.9	29.4		2.6	96.3	1		0.2	94.2	5.6		
PHF	.375	.000	.697	.721	.550	.250	.625	.607	.563	.884	.875	.885	.250	.867	.484	.832	.861
Auto	9	0	90	99	11	1	5	17	17	643	7	667	1	488	29	518	1301
% Auto	100	0	97.8	98.0	100	100	100	100	94.4	97.7	100	97.7	100	94.4	93.5	94.4	96.4
HV	0	0	1	1	0	0	0	0	1	8	0	9	0	13	2	15	25
% HV	0	0	1.1	1.0	0	0	0	0	5.6	1.2	0	1.3	0	2.5	6.5	2.7	1.9
B/SB	0	0	1	1	0	0	0	0	0	7	0	7	0	16	0	16	24
% B/SB	0	0	1.1	1.0	0	0	0	0	0	1.1	0	1.0	0	3.1	0	2.9	1.8

Peak Hour Analysis From 02:00 PM to 03:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 03:00 PM

03:00 PM	3	0	34	37	1	0	2	3	10	172	4	186	1	118	5	124	350
03:15 PM	1	0	27	28	0	0	0	0	10	133	1	144	2	188	5	195	367
03:30 PM	5	0	28	33	2	0	2	4	24	144	2	170	1	154	7	162	369
03:45 PM	5	0	36	41	2	0	1	3	16	142	0	158	0	136	3	139	341
Total Volume	14	0	125	139	5	0	5	10	60	591	7	658	4	596	20	620	1427
% App. Total	10.1	0	89.9		50	0	50		9.1	89.8	1.1		0.6	96.1	3.2		
PHF	.700	.000	.868	.848	.625	.000	.625	.625	.625	.859	.438	.884	.500	.793	.714	.795	.967
Auto	14	0	124	138	5	0	5	10	58	577	7	642	4	581	20	605	1395
% Auto	100	0	99.2	99.3	100	0	100	100	96.7	97.6	100	97.6	100	97.5	100	97.6	97.8
HV	0	0	1	1	0	0	0	0	2	7	0	9	0	7	0	7	17
% HV	0	0	0.8	0.7	0	0	0	0	3.3	1.2	0	1.4	0	1.2	0	1.1	1.2
B/SB	0	0	0	0	0	0	0	0	0	7	0	7	0	8	0	8	15
% B/SB	0	0	0	0	0	0	0	0	0	1.2	0	1.1	0	1.3	0	1.3	1.1

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	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	2	0	30	32	1	0	0	1	11	169	1	181	0	173	3	176	390
05:15 PM	7	1	53	61	1	0	1	2	14	148	0	162	0	137	5	142	367
05:30 PM	4	0	28	32	1	0	0	1	7	147	2	156	0	155	4	159	348
05:45 PM	4	0	18	22	1	0	0	1	11	142	1	154	1	158	4	163	340
Total Volume	17	1	129	147	4	0	1	5	43	606	4	653	1	623	16	640	1445
% App. Total	11.6	0.7	87.8		80	0	20		6.6	92.8	0.6		0.2	97.3	2.5		
PHF	.607	.250	.608	.602	1.00	.000	.250	.625	.768	.896	.500	.902	.250	.900	.800	.909	.926
Auto	17	1	129	147	4	0	1	5	43	601	4	648	1	613	16	630	1430
% Auto	100	100	100	100	100	0	100	100	100	99.2	100	99.2	100	98.4	100	98.4	99.0
HV	0	0	0	0	0	0	0	0	0	4	0	4	0	6	0	6	10
% HV	0	0	0	0	0	0	0	0	0	0.7	0	0.6	0	1.0	0	0.9	0.7
B/SB	0	0	0	0	0	0	0	0	0	1	0	1	0	4	0	4	5
% B/SB	0	0	0	0	0	0	0	0	0	0.2	0	0.2	0	0.6	0	0.6	0.3