

APPENDIX C

2025 SUPPLEMENTAL TRAFFIC DATA

Traffic Counts (10/1/2025)

Legend

- C W-10 (ATR) Counter
- A W-11 (ATR) Counter
- B W-9 (ATR) Counter



Brielle Rd at Bridge W-9 (ATR) - ATR

Wed Oct 1, 2025

Full Length (5 AM-5 AM (+1))

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345495, Location: 40.111673, -74.043258



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
2025-10-01 5:00AM	3	3	2	2	5
5:15AM	7	7	2	2	9
5:30AM	5	5	1	1	6
5:45AM	10	10	0	0	10
Hourly Total	25	25	5	5	30
6:00AM	4	4	7	7	11
6:15AM	13	13	7	7	20
6:30AM	12	12	6	6	18
6:45AM	25	25	6	6	31
Hourly Total	54	54	26	26	80
7:00AM	24	24	13	13	37
7:15AM	22	22	13	13	35
7:30AM	18	18	12	12	30
7:45AM	22	22	21	21	43
Hourly Total	86	86	59	59	145
8:00AM	36	36	26	26	62
8:15AM	23	23	24	24	47
8:30AM	37	37	18	18	55
8:45AM	20	20	30	30	50
Hourly Total	116	116	98	98	214
9:00AM	25	25	25	25	50
9:15AM	22	22	9	9	31
9:30AM	20	20	18	18	38
9:45AM	30	30	17	17	47
Hourly Total	97	97	69	69	166
10:00AM	22	22	25	25	47
10:15AM	18	18	17	17	35
10:30AM	27	27	26	26	53
10:45AM	42	42	29	29	71
Hourly Total	109	109	97	97	206
11:00AM	26	26	25	25	51
11:15AM	26	26	27	27	53
11:30AM	31	31	20	20	51
11:45AM	40	40	35	35	75
Hourly Total	123	123	107	107	230
12:00PM	33	33	37	37	70
12:15PM	45	45	28	28	73
12:30PM	16	16	5	5	21
12:45PM	40	40	38	38	78
Hourly Total	134	134	108	108	242
1:00PM	34	34	37	37	71
1:15PM	30	30	25	25	55
1:30PM	32	32	25	25	57
1:45PM	32	32	30	30	62
Hourly Total	128	128	117	117	245
2:00PM	18	18	32	32	50
2:15PM	26	26	25	25	51
2:30PM	24	24	25	25	49
2:45PM	38	38	27	27	65
Hourly Total	106	106	109	109	215
3:00PM	32	32	29	29	61
3:15PM	30	30	28	28	58
3:30PM	32	32	27	27	59

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
3:45PM	27	27	22	22	49
Hourly Total	121	121	106	106	227
4:00PM	30	30	24	24	54
4:15PM	30	30	30	30	60
4:30PM	31	31	45	45	76
4:45PM	36	36	41	41	77
Hourly Total	127	127	140	140	267
5:00PM	34	34	41	41	75
5:15PM	25	25	34	34	59
5:30PM	27	27	19	19	46
5:45PM	34	34	36	36	70
Hourly Total	120	120	130	130	250
6:00PM	27	27	25	25	52
6:15PM	25	25	25	25	50
6:30PM	26	26	35	35	61
6:45PM	30	30	18	18	48
Hourly Total	108	108	103	103	211
7:00PM	20	20	23	23	43
7:15PM	19	19	28	28	47
7:30PM	16	16	25	25	41
7:45PM	12	12	22	22	34
Hourly Total	67	67	98	98	165
8:00PM	9	9	14	14	23
8:15PM	12	12	13	13	25
8:30PM	10	10	13	13	23
8:45PM	8	8	12	12	20
Hourly Total	39	39	52	52	91
9:00PM	7	7	12	12	19
9:15PM	10	10	5	5	15
9:30PM	9	9	10	10	19
9:45PM	18	18	4	4	22
Hourly Total	44	44	31	31	75
10:00PM	2	2	7	7	9
10:15PM	9	9	5	5	14
10:30PM	3	3	6	6	9
10:45PM	2	2	4	4	6
Hourly Total	16	16	22	22	38
11:00PM	2	2	4	4	6
11:15PM	4	4	2	2	6
11:30PM	5	5	2	2	7
11:45PM	5	5	0	0	5
Hourly Total	16	16	8	8	24
2025-10-02 12:00AM	3	3	0	0	3
12:15AM	1	1	1	1	2
12:30AM	3	3	4	4	7
12:45AM	0	0	2	2	2
Hourly Total	7	7	7	7	14
1:00AM	3	3	0	0	3
1:15AM	0	0	0	0	0
1:30AM	2	2	0	0	2
1:45AM	0	0	0	0	0
Hourly Total	5	5	0	0	5
2:00AM	0	0	0	0	0
2:15AM	0	0	0	0	0
2:30AM	0	0	2	2	2
2:45AM	0	0	0	0	0
Hourly Total	0	0	2	2	2
3:00AM	1	1	0	0	1
3:15AM	0	0	0	0	0
3:30AM	1	1	1	1	2

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
3:45AM	0	0	0	0	0
Hourly Total	2	2	1	1	3
4:00AM	0	0	1	1	1
4:15AM	0	0	2	2	2
4:30AM	1	1	0	0	1
4:45AM	2	2	0	0	2
Hourly Total	3	3	3	3	6
Total	1653	1653	1498	1498	3151
% Approach	100%	-	100%	-	-
% Total	52.5%	52.5%	47.5%	47.5%	-
Lights	1652	1652	1498	1498	3150
% Lights	99.9%	99.9%	100%	100%	100.0%
Single-Unit Trucks	1	1	0	0	1
% Single-Unit Trucks	0.1%	0.1%	0%	0%	0%
Articulated Trucks	0	0	0	0	0
% Articulated Trucks	0%	0%	0%	0%	0%
Buses	0	0	0	0	0
% Buses	0%	0%	0%	0%	0%

*T: Thru

Brielle Rd at Bridge W-9 (ATR) - ATR

Wed Oct 1, 2025

Full Length (5 AM-5 AM (+1))

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345495, Location: 40.111673, -74.043258



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



Brielle Rd at Bridge W-9 (ATR) - ATR

Wed Oct 1, 2025

AM Peak (Oct 01 2025 8AM - 9 AM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345495, Location: 40.111673, -74.043258



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
2025-10-01 8:00AM	36	36	26	26	62
8:15AM	23	23	24	24	47
8:30AM	37	37	18	18	55
8:45AM	20	20	30	30	50
Total	116	116	98	98	214
% Approach	100%	-	100%	-	-
% Total	54.2%	54.2%	45.8%	45.8%	-
PHF	0.784	0.784	0.817	0.817	0.863
Lights	116	116	98	98	214
% Lights	100%	100%	100%	100%	100%
Single-Unit Trucks	0	0	0	0	0
% Single-Unit Trucks	0%	0%	0%	0%	0%
Articulated Trucks	0	0	0	0	0
% Articulated Trucks	0%	0%	0%	0%	0%
Buses	0	0	0	0	0
% Buses	0%	0%	0%	0%	0%

*T: Thru

Brielle Rd at Bridge W-9 (ATR) - ATR
Wed Oct 1, 2025
AM Peak (Oct 01 2025 8AM - 9 AM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks,
Buses)
All Channels
ID: 1345495, Location: 40.111673, -74.043258



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



Brielle Rd at Bridge W-9 (ATR) - ATR

Wed Oct 1, 2025

Midday Peak (Oct 01 2025 11:30AM - 12:30 PM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345495, Location: 40.111673, -74.043258



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
2025-10-01 11:30AM	31	31	20	20	51
11:45AM	40	40	35	35	75
12:00PM	33	33	37	37	70
12:15PM	45	45	28	28	73
Total	149	149	120	120	269
% Approach	100%	-	100%	-	-
% Total	55.4%	55.4%	44.6%	44.6%	-
PHF	0.828	0.828	0.811	0.811	0.897
Lights	149	149	120	120	269
% Lights	100%	100%	100%	100%	100%
Single-Unit Trucks	0	0	0	0	0
% Single-Unit Trucks	0%	0%	0%	0%	0%
Articulated Trucks	0	0	0	0	0
% Articulated Trucks	0%	0%	0%	0%	0%
Buses	0	0	0	0	0
% Buses	0%	0%	0%	0%	0%

*T: Thru

Brielle Rd at Bridge W-9 (ATR) - ATR

Wed Oct 1, 2025

Midday Peak (Oct 01 2025 11:30AM - 12:30 PM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345495, Location: 40.111673, -74.043258



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1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



Brielle Rd at Bridge W-9 (ATR) - ATR

Wed Oct 1, 2025

PM Peak (Oct 01 2025 4:15PM - 5:15 PM) - Overall Peak Hour

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345495, Location: 40.111673, -74.043258



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
2025-10-01 4:15PM	30	30	30	30	60
4:30PM	31	31	45	45	76
4:45PM	36	36	41	41	77
5:00PM	34	34	41	41	75
Total	131	131	157	157	288
% Approach	100%	-	100%	-	-
% Total	45.5%	45.5%	54.5%	54.5%	-
PHF	0.910	0.910	0.872	0.872	0.935
Lights	131	131	157	157	288
% Lights	100%	100%	100%	100%	100%
Single-Unit Trucks	0	0	0	0	0
% Single-Unit Trucks	0%	0%	0%	0%	0%
Articulated Trucks	0	0	0	0	0
% Articulated Trucks	0%	0%	0%	0%	0%
Buses	0	0	0	0	0
% Buses	0%	0%	0%	0%	0%

*T: Thru

Brielle Rd at Bridge W-9 (ATR) - ATR

Wed Oct 1, 2025

PM Peak (Oct 01 2025 4:15PM - 5:15 PM) - Overall Peak Hour

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345495, Location: 40.111673, -74.043258



Provided by: Monmouth County

1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



Brielle Rd & Green Ave TMC- Bridge W-9 - TMC

Wed Oct 1, 2025

Full Length (5 AM-9 PM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Movements

ID: 1345479, Location: 40.111914, -74.045708



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	Brielle Rd Westbound				Green Ave Northbound				Brielle Rd Eastbound				
Time	T	L	U	App	R	L	U	App	R	T	U	App	Int
2025-10-01 5:00AM	3	0	0	3	1	1	0	2	1	1	0	2	7
5:15AM	0	6	0	6	1	2	0	3	0	1	0	1	10
5:30AM	2	3	0	5	1	0	0	1	0	0	0	0	6
5:45AM	4	6	0	10	0	2	0	2	1	0	0	1	13
Hourly Total	9	15	0	24	3	5	0	8	2	2	0	4	36
6:00AM	0	3	0	3	3	2	0	5	0	3	0	3	11
6:15AM	2	12	0	14	5	0	0	5	3	2	0	5	24
6:30AM	4	8	0	12	6	2	0	8	1	0	0	1	21
6:45AM	8	17	0	25	5	1	0	6	0	1	0	1	32
Hourly Total	14	40	0	54	19	5	0	24	4	6	0	10	88
7:00AM	5	18	0	23	9	2	0	11	3	4	0	7	41
7:15AM	7	15	0	22	10	9	0	19	1	4	0	5	46
7:30AM	8	13	0	21	8	4	0	12	4	4	1	9	42
7:45AM	7	15	0	22	12	1	0	13	4	7	0	11	46
Hourly Total	27	61	0	88	39	16	0	55	12	19	1	32	175
8:00AM	14	22	0	36	18	1	0	19	1	8	0	9	64
8:15AM	5	17	0	22	13	3	0	16	2	10	0	12	50
8:30AM	16	23	0	39	10	2	0	12	2	8	0	10	61
8:45AM	9	11	0	20	19	3	0	22	4	12	0	16	58
Hourly Total	44	73	0	117	60	9	0	69	9	38	0	47	233
9:00AM	9	15	0	24	17	0	0	17	1	7	1	9	50
9:15AM	5	20	0	25	8	5	0	13	4	1	0	5	43
9:30AM	5	16	0	21	13	9	0	22	1	5	0	6	49
9:45AM	13	18	0	31	11	4	0	15	3	6	0	9	55
Hourly Total	32	69	0	101	49	18	0	67	9	19	1	29	197
10:00AM	11	12	0	23	15	1	0	16	1	9	0	10	49
10:15AM	6	11	0	17	10	4	0	14	4	9	0	13	44
10:30AM	7	22	0	29	18	5	0	23	8	6	0	14	66
10:45AM	15	26	0	41	23	3	0	26	1	6	0	7	74
Hourly Total	39	71	0	110	66	13	0	79	14	30	0	44	233
11:00AM	6	23	0	29	16	5	0	21	6	8	0	14	64
11:15AM	9	17	0	26	17	3	0	20	1	10	0	11	57
11:30AM	7	23	0	30	17	2	0	19	0	3	0	3	52
11:45AM	11	29	0	40	23	5	0	28	5	10	0	15	83
Hourly Total	33	92	0	125	73	15	0	88	12	31	0	43	256
12:00PM	11	23	0	34	27	3	0	30	3	11	0	14	78
12:15PM	20	25	0	45	15	2	0	17	2	12	0	14	76
12:30PM	6	6	0	12	5	3	0	8	5	4	1	10	30
12:45PM	9	37	0	46	23	4	0	27	3	12	0	15	88
Hourly Total	46	91	0	137	70	12	0	82	13	39	1	53	272
1:00PM	7	27	0	34	24	5	0	29	3	14	0	17	80
1:15PM	10	21	0	31	17	4	0	21	4	7	0	11	63
1:30PM	13	20	0	33	18	3	0	21	3	8	0	11	65
1:45PM	6	27	0	33	20	4	0	24	3	8	0	11	68
Hourly Total	36	95	0	131	79	16	0	95	13	37	0	50	276
2:00PM	6	11	0	17	19	5	0	24	6	12	0	18	59
2:15PM	8	19	0	27	16	8	0	24	4	10	0	14	65
2:30PM	7	17	0	24	17	7	0	24	2	10	0	12	60
2:45PM	12	26	0	38	18	10	0	28	6	9	0	15	81
Hourly Total	33	73	0	106	70	30	0	100	18	41	0	59	265
3:00PM	12	20	0	32	24	4	0	28	4	7	0	11	71
3:15PM	11	19	0	30	22	5	0	27	5	5	0	10	67
3:30PM	9	23	0	32	20	2	0	22	2	5	0	7	61

Leg Direction	Brielle Rd Westbound				Green Ave Northbound				Brielle Rd Eastbound				
Time	T	L	U	App	R	L	U	App	R	T	U	App	Int
3:45PM	9	18	0	27	19	4	0	23	5	6	0	11	61
Hourly Total	41	80	0	121	85	15	0	100	16	23	0	39	260
4:00PM	13	17	0	30	15	6	0	21	6	5	0	11	62
4:15PM	10	21	0	31	17	2	0	19	4	15	0	19	69
4:30PM	15	17	0	32	27	6	0	33	6	18	0	24	89
4:45PM	16	20	0	36	22	2	0	24	4	17	0	21	81
Hourly Total	54	75	0	129	81	16	0	97	20	55	0	75	301
5:00PM	12	22	0	34	25	8	0	33	9	15	0	24	91
5:15PM	10	16	0	26	21	2	0	23	3	13	0	16	65
5:30PM	9	17	0	26	12	4	0	16	9	10	0	19	61
5:45PM	12	24	0	36	21	6	0	27	3	14	0	17	80
Hourly Total	43	79	0	122	79	20	0	99	24	52	0	76	297
6:00PM	6	20	0	26	17	8	0	25	6	12	0	18	69
6:15PM	5	20	0	25	15	7	0	22	3	9	0	12	59
6:30PM	10	17	0	27	22	3	0	25	4	10	0	14	66
6:45PM	12	16	0	28	12	5	0	17	3	8	0	11	56
Hourly Total	33	73	0	106	66	23	0	89	16	39	0	55	250
7:00PM	11	9	0	20	11	2	0	13	3	10	0	13	46
7:15PM	4	15	0	19	21	1	0	22	5	6	0	11	52
7:30PM	8	8	0	16	17	1	0	18	5	9	0	14	48
7:45PM	3	8	0	11	12	3	0	15	1	9	0	10	36
Hourly Total	26	40	0	66	61	7	0	68	14	34	0	48	182
8:00PM	1	8	0	9	8	1	0	9	3	5	0	8	26
8:15PM	1	11	0	12	11	0	0	11	4	2	0	6	29
8:30PM	7	3	0	10	10	1	0	11	2	5	0	7	28
8:45PM	0	8	0	8	9	1	0	10	1	4	0	5	23
Hourly Total	9	30	0	39	38	3	0	41	10	16	0	26	106
Total	519	1057	0	1576	938	223	0	1161	206	481	3	690	3427
% Approach	32.9%	67.1%	0%	-	80.8%	19.2%	0%	-	29.9%	69.7%	0.4%	-	-
% Total	15.1%	30.8%	0%	46.0%	27.4%	6.5%	0%	33.9%	6.0%	14.0%	0.1%	20.1%	-
Lights	517	1055	0	1572	935	212	0	1147	201	481	1	683	3402
% Lights	99.6%	99.8%	0%	99.7%	99.7%	95.1%	0%	98.8%	97.6%	100%	33.3%	99.0%	99.3%
Single-Unit Trucks	1	2	0	3	3	8	0	11	1	0	2	3	17
% Single-Unit Trucks	0.2%	0.2%	0%	0.2%	0.3%	3.6%	0%	0.9%	0.5%	0%	66.7%	0.4%	0.5%
Articulated Trucks	1	0	0	1	0	1	0	1	0	0	0	0	2
% Articulated Trucks	0.2%	0%	0%	0.1%	0%	0.4%	0%	0.1%	0%	0%	0%	0%	0.1%
Buses	0	0	0	0	0	2	0	2	4	0	0	4	6
% Buses	0%	0%	0%	0%	0%	0.9%	0%	0.2%	1.9%	0%	0%	0.6%	0.2%

*L: Left, R: Right, T: Thru, U: U-Turn

Brielle Rd & Green Ave TMC- Bridge W-9 - TMC

Wed Oct 1, 2025

Full Length (5 AM-9 PM)

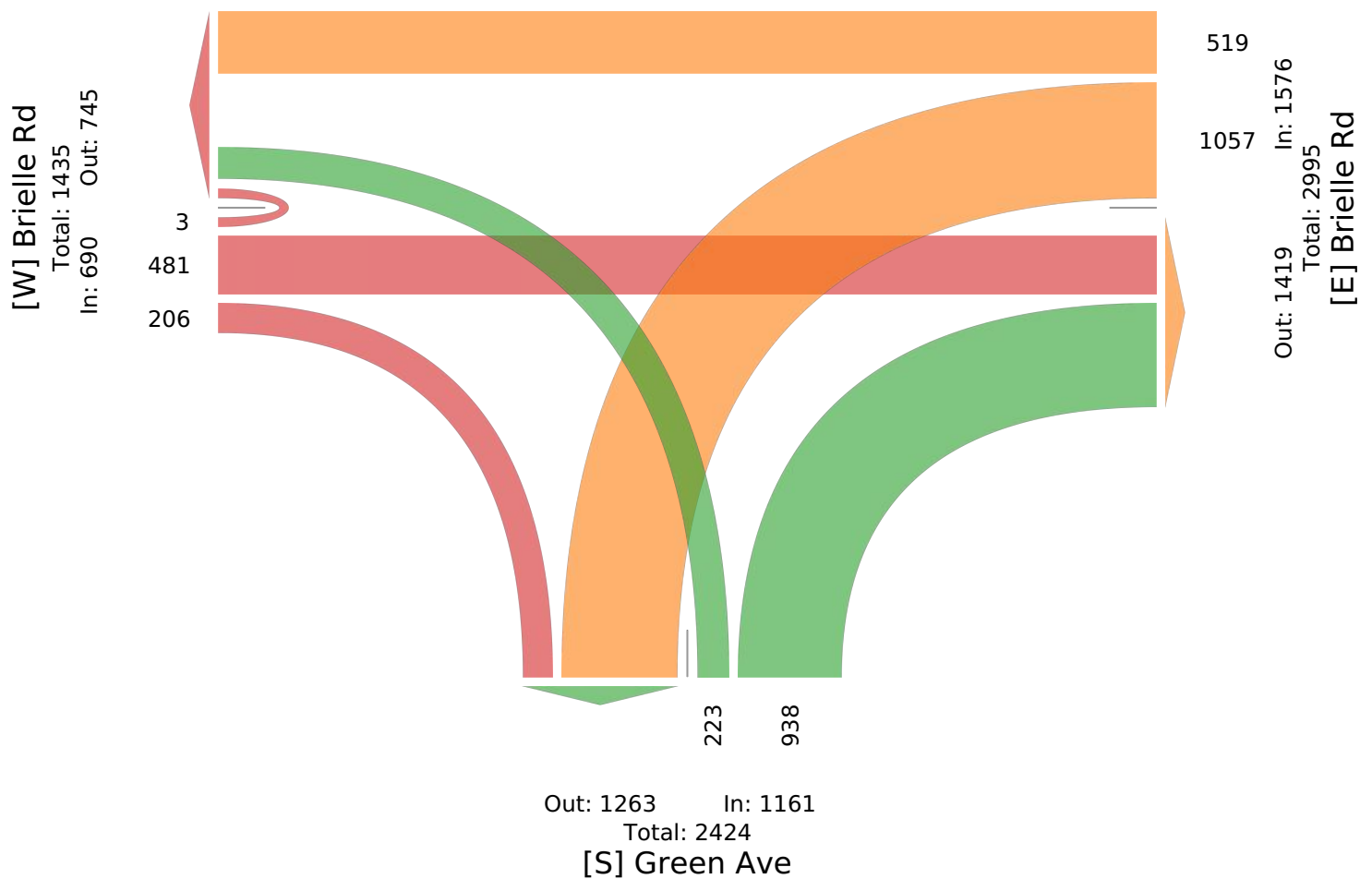
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Movements

ID: 1345479, Location: 40.111914, -74.045708



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



Brielle Rd & Green Ave TMC- Bridge W-9 - TMC

Wed Oct 1, 2025

AM Peak (8 AM - 9 AM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Movements

ID: 1345479, Location: 40.111914, -74.045708



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	Brielle Rd Westbound				Green Ave Northbound				Brielle Rd Eastbound				
Time	T	L	U	App	R	L	U	App	R	T	U	App	Int
2025-10-01 8:00AM	14	22	0	36	18	1	0	19	1	8	0	9	64
8:15AM	5	17	0	22	13	3	0	16	2	10	0	12	50
8:30AM	16	23	0	39	10	2	0	12	2	8	0	10	61
8:45AM	9	11	0	20	19	3	0	22	4	12	0	16	58
Total	44	73	0	117	60	9	0	69	9	38	0	47	233
% Approach	37.6%	62.4%	0%	-	87.0%	13.0%	0%	-	19.1%	80.9%	0%	-	-
% Total	18.9%	31.3%	0%	50.2%	25.8%	3.9%	0%	29.6%	3.9%	16.3%	0%	20.2%	-
PHF	0.688	0.793	-	0.750	0.789	0.750	-	0.784	0.563	0.792	-	0.734	0.910
Lights	44	73	0	117	60	7	0	67	9	38	0	47	231
% Lights	100%	100%	0%	100%	100%	77.8%	0%	97.1%	100%	100%	0%	100%	99.1%
Single-Unit Trucks	0	0	0	0	0	2	0	2	0	0	0	0	2
% Single-Unit Trucks	0%	0%	0%	0%	0%	22.2%	0%	2.9%	0%	0%	0%	0%	0.9%
Articulated Trucks	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%
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0
% Buses	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

*L: Left, R: Right, T: Thru, U: U-Turn

Brielle Rd & Green Ave TMC- Bridge W-9 - TMC

Wed Oct 1, 2025

AM Peak (8 AM - 9 AM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

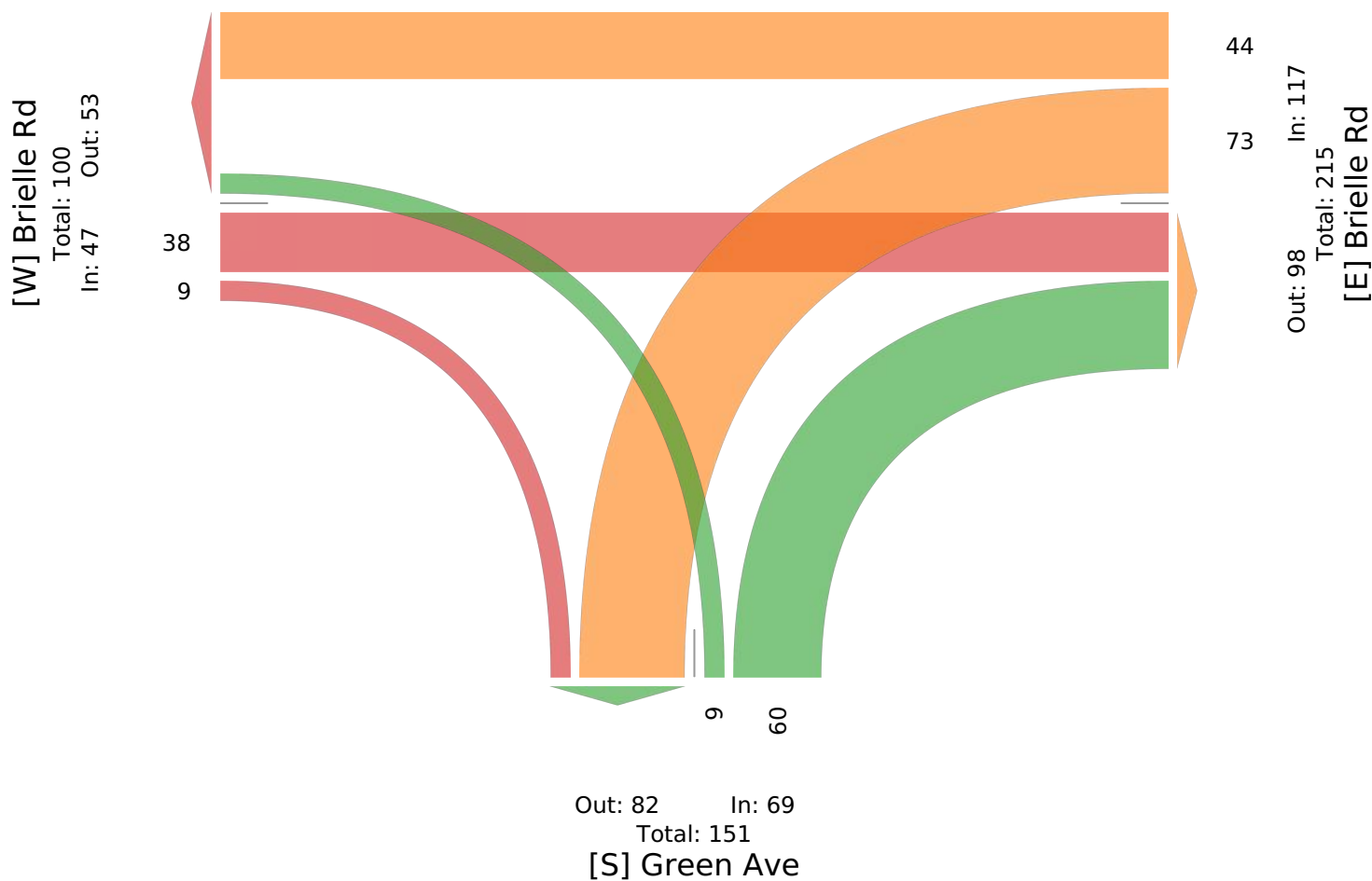
All Movements

ID: 1345479, Location: 40.111914, -74.045708



Provided by: Monmouth County

1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



Brielle Rd & Green Ave TMC- Bridge W-9 - TMC

Wed Oct 1, 2025

Midday Peak (12:45 PM - 1:45 PM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Movements

ID: 1345479, Location: 40.111914, -74.045708



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	Brielle Rd Westbound				Green Ave Northbound				Brielle Rd Eastbound				
Time	T	L	U	App	R	L	U	App	R	T	U	App	Int
2025-10-01 12:45PM	9	37	0	46	23	4	0	27	3	12	0	15	88
1:00PM	7	27	0	34	24	5	0	29	3	14	0	17	80
1:15PM	10	21	0	31	17	4	0	21	4	7	0	11	63
1:30PM	13	20	0	33	18	3	0	21	3	8	0	11	65
Total	39	105	0	144	82	16	0	98	13	41	0	54	296
% Approach	27.1%	72.9%	0%	-	83.7%	16.3%	0%	-	24.1%	75.9%	0%	-	-
% Total	13.2%	35.5%	0%	48.6%	27.7%	5.4%	0%	33.1%	4.4%	13.9%	0%	18.2%	-
PHF	0.750	0.709	-	0.783	0.854	0.800	-	0.845	0.813	0.732	-	0.794	0.841
Lights	39	105	0	144	82	15	0	97	12	41	0	53	294
% Lights	100%	100%	0%	100%	100%	93.8%	0%	99.0%	92.3%	100%	0%	98.1%	99.3%
Single-Unit Trucks	0	0	0	0	0	1	0	1	0	0	0	0	1
% Single-Unit Trucks	0%	0%	0%	0%	0%	6.3%	0%	1.0%	0%	0%	0%	0%	0.3%
Articulated Trucks	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%
Buses	0	0	0	0	0	0	0	0	1	0	0	1	1
% Buses	0%	0%	0%	0%	0%	0%	0%	0%	7.7%	0%	0%	1.9%	0.3%

*L: Left, R: Right, T: Thru, U: U-Turn

Brielle Rd & Green Ave TMC- Bridge W-9 - TMC

Wed Oct 1, 2025

Midday Peak (12:45 PM - 1:45 PM)

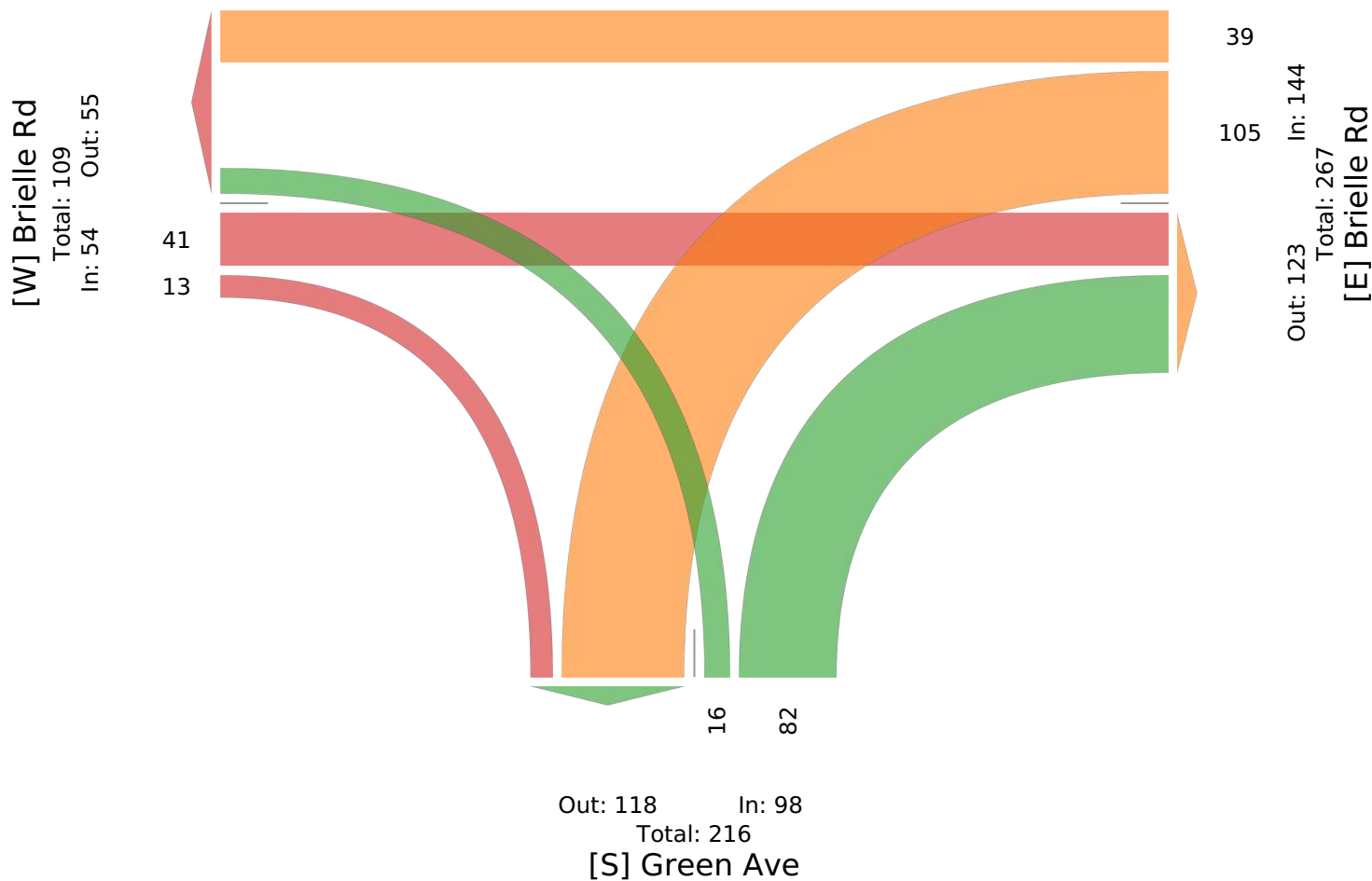
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Movements

ID: 1345479, Location: 40.111914, -74.045708



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



Brielle Rd & Green Ave TMC- Bridge W-9 - TMC

Wed Oct 1, 2025

PM Peak (4:15 PM - 5:15 PM) - Overall Peak Hour

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Movements

ID: 1345479, Location: 40.111914, -74.045708



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	Brielle Rd Westbound				Green Ave Northbound				Brielle Rd Eastbound				
Time	T	L	U	App	R	L	U	App	R	T	U	App	Int
2025-10-01 4:15PM	10	21	0	31	17	2	0	19	4	15	0	19	69
4:30PM	15	17	0	32	27	6	0	33	6	18	0	24	89
4:45PM	16	20	0	36	22	2	0	24	4	17	0	21	81
5:00PM	12	22	0	34	25	8	0	33	9	15	0	24	91
Total	53	80	0	133	91	18	0	109	23	65	0	88	330
% Approach	39.8%	60.2%	0%	-	83.5%	16.5%	0%	-	26.1%	73.9%	0%	-	-
% Total	16.1%	24.2%	0%	40.3%	27.6%	5.5%	0%	33.0%	7.0%	19.7%	0%	26.7%	-
PHF	0.828	0.909	-	0.924	0.843	0.563	-	0.826	0.639	0.903	-	0.917	0.907
Lights	53	80	0	133	90	18	0	108	23	65	0	88	329
% Lights	100%	100%	0%	100%	98.9%	100%	0%	99.1%	100%	100%	0%	100%	99.7%
Single-Unit Trucks	0	0	0	0	1	0	0	1	0	0	0	0	1
% Single-Unit Trucks	0%	0%	0%	0%	1.1%	0%	0%	0.9%	0%	0%	0%	0%	0.3%
Articulated Trucks	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%
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0
% Buses	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

*L: Left, R: Right, T: Thru, U: U-Turn

Brielle Rd & Green Ave TMC- Bridge W-9 - TMC

Wed Oct 1, 2025

PM Peak (4:15 PM - 5:15 PM) - Overall Peak Hour

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

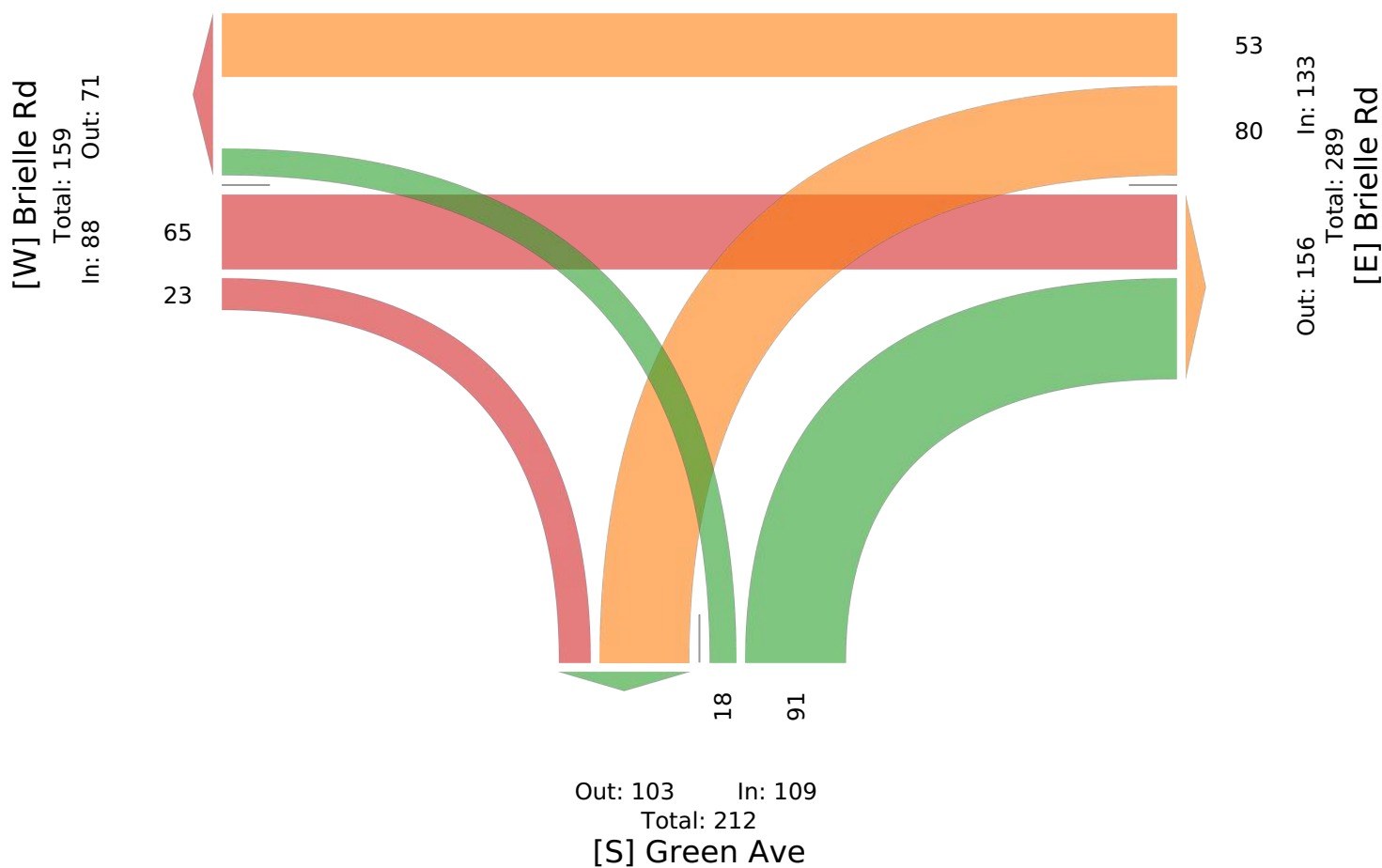
All Movements

ID: 1345479, Location: 40.111914, -74.045708



Provided by: Monmouth County

1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



E Main St at Bridge W-10 (ATR) - ATR

Wed Oct 1, 2025

Full Length (5 AM-5 AM (+1))

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345504, Location: 40.11375, -74.036643



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
2025-10-01 5:00AM	4	4	2	2	6
5:15AM	3	3	4	4	7
5:30AM	2	2	3	3	5
5:45AM	5	5	6	6	11
Hourly Total	14	14	15	15	29
6:00AM	12	12	4	4	16
6:15AM	8	8	11	11	19
6:30AM	8	8	9	9	17
6:45AM	14	14	9	9	23
Hourly Total	42	42	33	33	75
7:00AM	17	17	19	19	36
7:15AM	22	22	15	15	37
7:30AM	22	22	15	15	37
7:45AM	25	25	19	19	44
Hourly Total	86	86	68	68	154
8:00AM	25	25	27	27	52
8:15AM	26	26	37	37	63
8:30AM	27	27	27	27	54
8:45AM	31	31	25	25	56
Hourly Total	109	109	116	116	225
9:00AM	20	20	34	34	54
9:15AM	19	19	23	23	42
9:30AM	26	26	29	29	55
9:45AM	35	35	27	27	62
Hourly Total	100	100	113	113	213
10:00AM	28	28	38	38	66
10:15AM	31	31	33	33	64
10:30AM	33	33	38	38	71
10:45AM	34	34	26	26	60
Hourly Total	126	126	135	135	261
11:00AM	30	30	30	30	60
11:15AM	29	29	35	35	64
11:30AM	27	27	37	37	64
11:45AM	32	32	46	46	78
Hourly Total	118	118	148	148	266
12:00PM	38	38	51	51	89
12:15PM	41	41	31	31	72
12:30PM	40	40	42	42	82
12:45PM	30	30	51	51	81
Hourly Total	149	149	175	175	324
1:00PM	34	34	36	36	70
1:15PM	34	34	34	34	68
1:30PM	31	31	37	37	68
1:45PM	39	39	35	35	74
Hourly Total	138	138	142	142	280
2:00PM	33	33	34	34	67
2:15PM	27	27	40	40	67
2:30PM	56	56	45	45	101
2:45PM	37	37	31	31	68
Hourly Total	153	153	150	150	303
3:00PM	39	39	45	45	84
3:15PM	42	42	47	47	89
3:30PM	31	31	31	31	62

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
3:45PM	28	28	50	50	78
Hourly Total	140	140	173	173	313
4:00PM	33	33	31	31	64
4:15PM	37	37	36	36	73
4:30PM	37	37	44	44	81
4:45PM	43	43	28	28	71
Hourly Total	150	150	139	139	289
5:00PM	42	42	45	45	87
5:15PM	33	33	39	39	72
5:30PM	36	36	32	32	68
5:45PM	33	33	43	43	76
Hourly Total	144	144	159	159	303
6:00PM	41	41	33	33	74
6:15PM	37	37	47	47	84
6:30PM	31	31	44	44	75
6:45PM	35	35	34	34	69
Hourly Total	144	144	158	158	302
7:00PM	30	30	28	28	58
7:15PM	29	29	12	12	41
7:30PM	20	20	25	25	45
7:45PM	15	15	20	20	35
Hourly Total	94	94	85	85	179
8:00PM	11	11	15	15	26
8:15PM	16	16	21	21	37
8:30PM	16	16	23	23	39
8:45PM	8	8	19	19	27
Hourly Total	51	51	78	78	129
9:00PM	6	6	18	18	24
9:15PM	20	20	12	12	32
9:30PM	11	11	10	10	21
9:45PM	10	10	11	11	21
Hourly Total	47	47	51	51	98
10:00PM	14	14	4	4	18
10:15PM	8	8	2	2	10
10:30PM	4	4	7	7	11
10:45PM	4	4	8	8	12
Hourly Total	30	30	21	21	51
11:00PM	4	4	8	8	12
11:15PM	3	3	4	4	7
11:30PM	2	2	3	3	5
11:45PM	1	1	2	2	3
Hourly Total	10	10	17	17	27
2025-10-02 12:00AM	4	4	1	1	5
12:15AM	0	0	0	0	0
12:30AM	0	0	3	3	3
12:45AM	0	0	0	0	0
Hourly Total	4	4	4	4	8
1:00AM	1	1	2	2	3
1:15AM	3	3	3	3	6
1:30AM	1	1	0	0	1
1:45AM	0	0	0	0	0
Hourly Total	5	5	5	5	10
2:00AM	0	0	0	0	0
2:15AM	1	1	0	0	1
2:30AM	0	0	0	0	0
2:45AM	0	0	1	1	1
Hourly Total	1	1	1	1	2
3:00AM	0	0	0	0	0
3:15AM	0	0	2	2	2
3:30AM	0	0	0	0	0

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
3:45AM	0	0	1	1	1
Hourly Total	0	0	3	3	3
4:00AM	0	0	0	0	0
4:15AM	1	1	2	2	3
4:30AM	2	2	2	2	4
4:45AM	3	3	1	1	4
Hourly Total	6	6	5	5	11
Total	1861	1861	1994	1994	3855
% Approach	100%	-	100%	-	-
% Total	48.3%	48.3%	51.7%	51.7%	-
Lights	1813	1813	1943	1943	3756
% Lights	97.4%	97.4%	97.4%	97.4%	97.4%
Single-Unit Trucks	45	45	46	46	91
% Single-Unit Trucks	2.4%	2.4%	2.3%	2.3%	2.4%
Articulated Trucks	3	3	4	4	7
% Articulated Trucks	0.2%	0.2%	0.2%	0.2%	0.2%
Buses	0	0	1	1	1
% Buses	0%	0%	0.1%	0.1%	0%

*T: Thru

E Main St at Bridge W-10 (ATR) - ATR

Wed Oct 1, 2025

Full Length (5 AM-5 AM (+1))

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345504, Location: 40.11375, -74.036643



Provided by: Monmouth County

1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



E Main St at Bridge W-10 (ATR) - ATR

Wed Oct 1, 2025

AM Peak (Oct 01 2025 9:45AM - 10:45 AM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345504, Location: 40.11375, -74.036643



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
2025-10-01 9:45AM	35	35	27	27	62
10:00AM	28	28	38	38	66
10:15AM	31	31	33	33	64
10:30AM	33	33	38	38	71
Total	127	127	136	136	263
% Approach	100%	-	100%	-	-
% Total	48.3%	48.3%	51.7%	51.7%	-
PHF	0.907	0.907	0.895	0.895	0.926
Lights	122	122	131	131	253
% Lights	96.1%	96.1%	96.3%	96.3%	96.2%
Single-Unit Trucks	5	5	5	5	10
% Single-Unit Trucks	3.9%	3.9%	3.7%	3.7%	3.8%
Articulated Trucks	0	0	0	0	0
% Articulated Trucks	0%	0%	0%	0%	0%
Buses	0	0	0	0	0
% Buses	0%	0%	0%	0%	0%

*T: Thru

E Main St at Bridge W-10 (ATR) - ATR

Wed Oct 1, 2025

AM Peak (Oct 01 2025 9:45AM - 10:45 AM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345504, Location: 40.11375, -74.036643



Provided by: Monmouth County

1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



E Main St at Bridge W-10 (ATR) - ATR

Wed Oct 1, 2025

Midday Peak (Oct 01 2025 12PM - 1 PM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345504, Location: 40.11375, -74.036643



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
2025-10-01 12:00PM	38	38	51	51	89
12:15PM	41	41	31	31	72
12:30PM	40	40	42	42	82
12:45PM	30	30	51	51	81
Total	149	149	175	175	324
% Approach	100%	-	100%	-	-
% Total	46.0%	46.0%	54.0%	54.0%	-
PHF	0.909	0.909	0.858	0.858	0.910
Lights	145	145	170	170	315
% Lights	97.3%	97.3%	97.1%	97.1%	97.2%
Single-Unit Trucks	3	3	5	5	8
% Single-Unit Trucks	2.0%	2.0%	2.9%	2.9%	2.5%
Articulated Trucks	1	1	0	0	1
% Articulated Trucks	0.7%	0.7%	0%	0%	0.3%
Buses	0	0	0	0	0
% Buses	0%	0%	0%	0%	0%

*T: Thru

E Main St at Bridge W-10 (ATR) - ATR

Wed Oct 1, 2025

Midday Peak (Oct 01 2025 12PM - 1 PM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345504, Location: 40.11375, -74.036643



Provided by: Monmouth County

1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



E Main St at Bridge W-10 (ATR) - ATR

Wed Oct 1, 2025

PM Peak (Oct 01 2025 2:30PM - 3:30 PM) - Overall Peak Hour

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345504, Location: 40.11375, -74.036643



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
2025-10-01 2:30PM	56	56	45	45	101
2:45PM	37	37	31	31	68
3:00PM	39	39	45	45	84
3:15PM	42	42	47	47	89
Total	174	174	168	168	342
% Approach	100%	-	100%	-	-
% Total	50.9%	50.9%	49.1%	49.1%	-
PHF	0.777	0.777	0.894	0.894	0.847
Lights	171	171	166	166	337
% Lights	98.3%	98.3%	98.8%	98.8%	98.5%
Single-Unit Trucks	3	3	2	2	5
% Single-Unit Trucks	1.7%	1.7%	1.2%	1.2%	1.5%
Articulated Trucks	0	0	0	0	0
% Articulated Trucks	0%	0%	0%	0%	0%
Buses	0	0	0	0	0
% Buses	0%	0%	0%	0%	0%

*T: Thru

E Main St at Bridge W-10 (ATR) - ATR

Wed Oct 1, 2025
PM Peak (Oct 01 2025 2:30PM - 3:30 PM) - Overall Peak Hour
All Classes (Lights, Single-Unit Trucks, Articulated Trucks,
Buses)
All Channels
ID: 1345504, Location: 40.11375, -74.036643



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



Ocean Ave at Bridge W-11 (ATR) - ATR

Wed Oct 1, 2025

Full Length (5 AM-5 AM (+1))

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345514, Location: 40.115939, -74.035203



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
2025-10-01 5:00AM	0	0	0	0	0
5:15AM	1	1	0	0	1
5:30AM	1	1	1	1	2
5:45AM	3	3	2	2	5
Hourly Total	5	5	3	3	8
6:00AM	2	2	0	0	2
6:15AM	4	4	1	1	5
6:30AM	4	4	0	0	4
6:45AM	5	5	3	3	8
Hourly Total	15	15	4	4	19
7:00AM	9	9	4	4	13
7:15AM	6	6	5	5	11
7:30AM	4	4	13	13	17
7:45AM	10	10	6	6	16
Hourly Total	29	29	28	28	57
8:00AM	16	16	2	2	18
8:15AM	6	6	14	14	20
8:30AM	9	9	9	9	18
8:45AM	10	10	11	11	21
Hourly Total	41	41	36	36	77
9:00AM	8	8	8	8	16
9:15AM	14	14	6	6	20
9:30AM	12	12	10	10	22
9:45AM	10	10	8	8	18
Hourly Total	44	44	32	32	76
10:00AM	10	10	8	8	18
10:15AM	11	11	10	10	21
10:30AM	7	7	7	7	14
10:45AM	11	11	10	10	21
Hourly Total	39	39	35	35	74
11:00AM	14	14	10	10	24
11:15AM	11	11	9	9	20
11:30AM	15	15	8	8	23
11:45AM	5	5	8	8	13
Hourly Total	45	45	35	35	80
12:00PM	13	13	13	13	26
12:15PM	12	12	9	9	21
12:30PM	9	9	16	16	25
12:45PM	10	10	10	10	20
Hourly Total	44	44	48	48	92
1:00PM	7	7	15	15	22
1:15PM	10	10	10	10	20
1:30PM	9	9	12	12	21
1:45PM	12	12	7	7	19
Hourly Total	38	38	44	44	82
2:00PM	15	15	9	9	24
2:15PM	5	5	18	18	23
2:30PM	11	11	19	19	30
2:45PM	10	10	14	14	24
Hourly Total	41	41	60	60	101
3:00PM	15	15	16	16	31
3:15PM	6	6	22	22	28
3:30PM	17	17	8	8	25

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
3:45PM	9	9	21	21	30
Hourly Total	47	47	67	67	114
4:00PM	10	10	7	7	17
4:15PM	13	13	19	19	32
4:30PM	13	13	15	15	28
4:45PM	9	9	15	15	24
Hourly Total	45	45	56	56	101
5:00PM	12	12	13	13	25
5:15PM	8	8	17	17	25
5:30PM	11	11	11	11	22
5:45PM	10	10	22	22	32
Hourly Total	41	41	63	63	104
6:00PM	8	8	8	8	16
6:15PM	14	14	13	13	27
6:30PM	11	11	10	10	21
6:45PM	13	13	13	13	26
Hourly Total	46	46	44	44	90
7:00PM	9	9	8	8	17
7:15PM	4	4	7	7	11
7:30PM	4	4	7	7	11
7:45PM	5	5	7	7	12
Hourly Total	22	22	29	29	51
8:00PM	3	3	5	5	8
8:15PM	3	3	6	6	9
8:30PM	3	3	5	5	8
8:45PM	2	2	5	5	7
Hourly Total	11	11	21	21	32
9:00PM	3	3	4	4	7
9:15PM	2	2	2	2	4
9:30PM	3	3	3	3	6
9:45PM	0	0	2	2	2
Hourly Total	8	8	11	11	19
10:00PM	2	2	5	5	7
10:15PM	1	1	0	0	1
10:30PM	1	1	0	0	1
10:45PM	0	0	0	0	0
Hourly Total	4	4	5	5	9
11:00PM	1	1	1	1	2
11:15PM	0	0	2	2	2
11:30PM	0	0	0	0	0
11:45PM	0	0	2	2	2
Hourly Total	1	1	5	5	6
2025-10-02 12:00AM	0	0	0	0	0
12:15AM	0	0	0	0	0
12:30AM	0	0	0	0	0
12:45AM	2	2	1	1	3
Hourly Total	2	2	1	1	3
1:00AM	1	1	2	2	3
1:15AM	0	0	0	0	0
1:30AM	1	1	0	0	1
1:45AM	0	0	0	0	0
Hourly Total	2	2	2	2	4
2:00AM	0	0	0	0	0
2:15AM	0	0	0	0	0
2:30AM	0	0	0	0	0
2:45AM	0	0	0	0	0
Hourly Total	0	0	0	0	0
3:00AM	0	0	0	0	0
3:15AM	0	0	0	0	0
3:30AM	0	0	0	0	0

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
3:45AM	2	2	0	0	2
Hourly Total	2	2	0	0	2
4:00AM	1	1	0	0	1
4:15AM	0	0	0	0	0
4:30AM	0	0	0	0	0
4:45AM	2	2	1	1	3
Hourly Total	3	3	1	1	4
Total	575	575	630	630	1205
% Approach	100%	-	100%	-	-
% Total	47.7%	47.7%	52.3%	52.3%	-
Lights	563	563	618	618	1181
% Lights	97.9%	97.9%	98.1%	98.1%	98.0%
Single-Unit Trucks	9	9	12	12	21
% Single-Unit Trucks	1.6%	1.6%	1.9%	1.9%	1.7%
Articulated Trucks	2	2	0	0	2
% Articulated Trucks	0.3%	0.3%	0%	0%	0.2%
Buses	1	1	0	0	1
% Buses	0.2%	0.2%	0%	0%	0.1%

*T: Thru

Ocean Ave at Bridge W-11 (ATR) - ATR

Wed Oct 1, 2025

Full Length (5 AM-5 AM (+1))

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345514, Location: 40.115939, -74.035203



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



Ocean Ave at Bridge W-11 (ATR) - ATR

Wed Oct 1, 2025

AM Peak (Oct 01 2025 8:45AM - 9:45 AM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345514, Location: 40.115939, -74.035203



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
2025-10-01 8:45AM	10	10	11	11	21
9:00AM	8	8	8	8	16
9:15AM	14	14	6	6	20
9:30AM	12	12	10	10	22
Total	44	44	35	35	79
% Approach	100%	-	100%	-	-
% Total	55.7%	55.7%	44.3%	44.3%	-
PHF	0.786	0.786	0.795	0.795	0.898
Lights	41	41	32	32	73
% Lights	93.2%	93.2%	91.4%	91.4%	92.4%
Single-Unit Trucks	3	3	3	3	6
% Single-Unit Trucks	6.8%	6.8%	8.6%	8.6%	7.6%
Articulated Trucks	0	0	0	0	0
% Articulated Trucks	0%	0%	0%	0%	0%
Buses	0	0	0	0	0
% Buses	0%	0%	0%	0%	0%

*T: Thru

Ocean Ave at Bridge W-11 (ATR) - ATR

Wed Oct 1, 2025

AM Peak (Oct 01 2025 8:45AM - 9:45 AM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345514, Location: 40.115939, -74.035203



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



Ocean Ave at Bridge W-11 (ATR) - ATR

Wed Oct 1, 2025

Midday Peak (Oct 01 2025 12PM - 1 PM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345514, Location: 40.115939, -74.035203



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
2025-10-01 12:00PM	13	13	13	13	26
12:15PM	12	12	9	9	21
12:30PM	9	9	16	16	25
12:45PM	10	10	10	10	20
Total	44	44	48	48	92
% Approach	100%	-	100%	-	-
% Total	47.8%	47.8%	52.2%	52.2%	-
PHF	0.846	0.846	0.750	0.750	0.885
Lights	41	41	48	48	89
% Lights	93.2%	93.2%	100%	100%	96.7%
Single-Unit Trucks	2	2	0	0	2
% Single-Unit Trucks	4.5%	4.5%	0%	0%	2.2%
Articulated Trucks	0	0	0	0	0
% Articulated Trucks	0%	0%	0%	0%	0%
Buses	1	1	0	0	1
% Buses	2.3%	2.3%	0%	0%	1.1%

*T: Thru

Ocean Ave at Bridge W-11 (ATR) - ATR

Wed Oct 1, 2025

Midday Peak (Oct 01 2025 12PM - 1 PM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345514, Location: 40.115939, -74.035203



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



Ocean Ave at Bridge W-11 (ATR) - ATR

Wed Oct 1, 2025

PM Peak (Oct 01 2025 3PM - 4 PM) - Overall Peak Hour

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345514, Location: 40.115939, -74.035203



Provided by: Monmouth County
1 E. Main Street, Hall of Records Annex,
Freehold, NJ, 07728, US

Leg Direction	East Westbound		West Eastbound		
Time	T	App	T	App	Int
2025-10-01 3:00PM	15	15	16	16	31
3:15PM	6	6	22	22	28
3:30PM	17	17	8	8	25
3:45PM	9	9	21	21	30
Total	47	47	67	67	114
% Approach	100%	-	100%	-	-
% Total	41.2%	41.2%	58.8%	58.8%	-
PHF	0.691	0.691	0.761	0.761	0.919
Lights	47	47	65	65	112
% Lights	100%	100%	97.0%	97.0%	98.2%
Single-Unit Trucks	0	0	2	2	2
% Single-Unit Trucks	0%	0%	3.0%	3.0%	1.8%
Articulated Trucks	0	0	0	0	0
% Articulated Trucks	0%	0%	0%	0%	0%
Buses	0	0	0	0	0
% Buses	0%	0%	0%	0%	0%

*T: Thru

Ocean Ave at Bridge W-11 (ATR) - ATR

Wed Oct 1, 2025

PM Peak (Oct 01 2025 3PM - 4 PM) - Overall Peak Hour

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses)

All Channels

ID: 1345514, Location: 40.115939, -74.035203



Provided by: Monmouth County

1 E. Main Street, Hall of Records Annex, Freehold, NJ, 07728, US



BOROUGH OF MANASQUAN
COUNTY OF MONMOUTH
NEW JERSEY 08736

November 20, 2016

Joseph M. Ettore, P.E., County Engineer
Monmouth County Division of Engineering
Hall of Records Annex
Freehold, NJ 07728

RE: Monmouth County Three Bridges (W7, W8 & W9) project

Dear Mr. Ettore:

This letter is with reference to the potential rehabilitation/replacement project for County Bridges W7, W8 & W9 and how the weight limits affect emergency response in Manasquan. As you may be aware, Manasquan depends on Brielle for a multitude of primary and secondary (mutual aid) emergency services. In accordance with the attached Mutual Aid Response Plan provided by the Monmouth County Sheriff's Office, Brielle is a primary response agency for water and ice rescues (Manasquan does not possess a surface water unit) as well as mutual aid for fire suppression and emergency medical services.

Due to the current weight restrictions on the bridge, responding emergency units from Brielle must utilize the Main Street Bridge, resulting in a longer route, which includes clearing a traffic-light intersection at Main & 71 as well as the NJ Transit railroad crossing which remains closed for extended durations while the trains load and unload passengers at the train station. These delays could be avoided, as well as a considerably shorter route utilized, if the bridge was constructed to accept these vehicles.

Water/Ice Rescue:

Brielle Fire Department (99-1) is the primary water rescue agency for all of Manasquan (See attached Mutual Aid Response Plan). Manasquan receives a significant volume of water rescue calls for marine incidents in and around Manasquan's waterways, as well as swimmers and surfers in distress along its mile-long oceanfront. Since October of 2015, there have been 4 water rescue calls in Manasquan:

- 10/13/15 – Jetski in Distress at end of Inlet Jetty – 1 rescued
- 10/19/15 – Fisherman swept off Inlet Jetty – 1 rescued
- 11/27/15 – Capsized Boat at Inlet Jetty – 2 fatalities, 4 rescued
- 07/06/16 – Boat struck Riddle Way Jetty – 1 rescued

A comparison of response for water rescue incidents at the Inlet Jetty utilizing Main Street vs Glimmer Glass Bridge is provided below:

- Brielle Fire Station to Inlet Jetty via Glimmer Glass Bridge: 1.7 mi.
- Brielle Fire Station to Inlet Jetty via Main Street Bridge: 2.7 mi.
- Estimated response time difference: 2.4 min.

Emergency Medical Services:

Manasquan relies on Brielle as its primary mutual aid agency for first aid calls in Manasquan. This mutual aid plan is put into effect anytime Manasquan First Aid units are tied up on another call, members are unable to get a rig on the road, or when multiple victims are encountered, and/or as requested by the incident commander.

Brielle First Aid units respond from their station located at 710 Old Bridge Road in Brielle. The largest route difference is when units must respond to Drawbridge Lane in Manasquan, which results in a 2.7 mile trip as opposed to a 1.5 mile trip, an 80% increase, which results in a 2.9 minute delay assuming an average response speed of 25 m.ph. as detailed below.

The response distance varies depending on physical address, however, it should be noted that in all cases, the distance to any address in the beachfront area (addresses east of Main St, Ocean Ave or Glimmer Glass Bridges) is shorter if incoming Brielle First Aid units respond over the Glimmer Glass Bridge as opposed to the Main Street or Ocean Avenue Bridge. In addition to the longer route, this also forces responding units to encounter a traffic-light intersection at Main & 71 as well as the NJ Transit railroad crossing which remains closed for extended durations while the trains load and unload passengers at the train station as discussed in detail below.

Fire Suppression:

Manasquan relies on Brielle (99-1) as its primary mutual aid agency for fire suppression engine companies in Manasquan (See attached Mutual Aid Response Plan). Upon transmission of a 1st alarm (usually for a very small fire, contained to one room or less, in its incipient stage, and able to be extinguished by the first alarm companies), Brielle is requested to provide firefighters and fire engine apparatus to stand-by at Manasquan's fire houses awaiting further assignment. Upon transmission of a second alarm or greater (any fire that does not fit the first alarm criteria, including any working structure fire), or at the discretion of the incident commander, Brielle fire units would respond directly to the incident and bypass the standby assignment at Manasquan's firehouse. A second alarm or greater would be expected to be transmitted when there is any working fire involving one or more structures. The transmission of alarm assignments is ultimately up to the discretion of the incident commander and the guidance regarding transmission of alarm assignments described in this narrative has been provided by the current Fire Chief and Assistant Chief.

Brielle Fire units respond from their station located at 509 Longstreet Ave in Brielle. The largest route difference is when units must respond to Drawbridge Lane in Manasquan, which results in a 2.4 mile trip as opposed to a 0.8 mile trip, a 300% increase, which results in a 3.8 minute delay assuming an average response speed of 25 m.ph. as detailed below. The response distance varies depending on physical address, however, it should be noted that in all cases, the distance to any address east of Potter Avenue, including the entire beachfront area (addresses east of Main St, Ocean Ave or Glimmer Glass Bridges) is shorter if incoming Brielle Fire units respond over the Glimmer Glass Bridge as opposed to the Main Street or Ocean Avenue Bridge. In addition to the longer route, this also forces responding units to encounter a busy traffic-light intersection at Main & 71 as well as the NJ Transit railroad crossing which remains closed for extended durations while the trains load and load passengers at the train station as discussed in detail below.

Glimmer Glass Bridge Openings:

There is a concern regarding response from Brielle units when the Bridge is in the up position to allow for passage for marine traffic. From Memorial Day thru Labor Day, the bridge opens every half hour on the half hour. From Labor Day thru Memorial Day, the bridge opens on demand. Route delays may be addressed in the future by creating a dispatching policy which when a mutual aid call has been placed to Brielle by Manasquan. The policy could potentially require the municipal emergency dispatcher to contact the bridge via vhf radio or telephone, ascertain the status of the bridge, if open, request immediate closure and direct incoming Brielle units accordingly based upon bridge status.

NJ Transit Rail Stops at Station Manasquan:

Extended gate closures at Main Street occur while the train is stopped at Manasquan Station for embarking and disembarking passengers. This occurs for all northbound trains and southbound trains depending on number of cars and where the train ultimately comes to rest. Average time in station has not been determined, however, it is fair to conclude for all northbound train and some southbound trains, that the intersection remains closed for the duration of the time it takes the train to enter the station, come to a complete stop, load and unload passengers, accelerate to exit the station and clear the intersection. Current schedules show 19 northbound stops and 19 southbound stops Monday-Friday for a total of 38 stops daily during the week, and 13 northbound stops and 13 southbound stops Saturday-Sunday for a total of 26 stops daily on weekends.

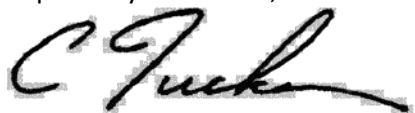
Average Response Speed Calculations:

Average Response speed is assumed to be 25 miles per hour based upon the route, posted speeds, and # of turns and intersections. Peak straight run speeds would likely be higher, however, acceleration and deceleration time for turns, intersections and negotiating vehicle and pedestrian traffic must be taken into account when calculating an average response speed. NOTE: The average response speed does not take into account delays due to railway or bridge crossings, which are considered to be highly variable.

It is difficult to precisely quantify what impacts the time delays for emergency response caused by the substandard design of W7, W8 & W9 Bridges have on life safety and property protection in Manasquan, however, the case can certainly be made that as response times reduce, survivability rates increase. With this in mind, it is of utmost importance that the future rehabilitation or reconstruction of the three bridges project incorporate the safe passage of emergency response vehicles in its ultimate design.

Thank you for consideration of this information.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "C. Tucker", with a stylized flourish at the end.

Chris Tucker, Emergency Management Coordinator

**County of Monmouth
Office of the Fire Marshal**

Mutual Aid Response Plan – Multiple Alarms

Fire Station – District: Manasquan Fire District #1

Station Address: 38 Taylor Ave. Manasquan (District Office)

Station Telephone: 732-223-1599 (District Office)

Submitted By: Fire Director Barkalow, Chief Kircher

Date: 1/28/2016

Alarms	1 st Alarm	2 nd Alarm	3 rd Alarm	4 th Alarm	5 th Alarm
Engine	District 27	99-1^ 44-1	49-1^ 43 (Ocean Cty)	52-1^ 19-4	19-1^ 75 (Ocean Cty)
Ladder	District 27	52-3	48-1	87-2	2435 (Ocean Cty)
Tanker	South	Monmouth	Tanker	Task	Force*
Rescue/ Cascade	District 27	44-1 (Air Unit)			
Cover Up	99-1** (Engine)	49-1 (Engine)	52-1 (Engine)	19-1 (Engine)	14-1 (Engine)
RIT	53-3**		83-1		
Special	27-30**				

Special Responses (Additional Resources)

Water / Ice	District 27 99-1 USCG/NJSP				
Brush	District 27	52-3			
HAZ-MAT	MCHM	19-3			
Special Services	Tech Rescue 83-1	Decon 49-1 (Unit 4)	Foam Bank #4	LDH Pipeline #3	

** Automatic dispatch on a working fire.

* Only dispatch at the request of the incident commander.

Units should respond with no less than a crew of 4 FF's, with the exception of tankers and air units.

^ Cover assignment move up