

**To:** Josh Sikich, AICP - HDR  
**From:** Kendra Schenk, PE, PTOE, RSP<sub>21</sub> – Burgess & Niple  
**Subject:** Eastmoor Blvd All-Way-Stop-Control Warrants

**Date:** 10/21/2022

Burgess & Niple has completed an evaluation for the intersections of Eastmoor Boulevard & Fair Avenue and Eastmoor Boulevard & Bexley Park to determine if the traffic circles could be removed and All-Way Stop Control be installed. Section 2B.07 of the *Manual on Uniform Traffic Control Devices* (MUTCD) contains volume thresholds that should be met to warrant multi-way stop control. The minimum volumes thresholds are:

- The vehicular volume entering the intersection from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of an average day; and
- The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same 8 hours

Traffic counts were conducted at the intersections from 7am-7pm on Wednesday September 14, 2022. For the purposes of the All-Way Stop Control warrant, the major street was determined to be Eastmoor Boulevard and the minor streets are Fair Avenue and Bexley Park based on traffic counts. Copies of the traffic counts are included as attachments.

As stated above, the combined major street approaches must average 300 vehicles per hour and the combined minor street approaches must average 200 vehicles per hour over 8 hours of an average day. Based on the counts conducted, the following major street and minor street volumes are present at the intersections:

- Eastmoor Blvd & Fair Ave – Major Street average = 117 vehicles and Minor Street average = 103 vehicles
- Eastmoor Blvd & Bexley Park – Major Street average = 130 vehicles and Minor Street average = 13 vehicles

Based on this analysis, All-Way Stop Control is not warranted at these two intersections and is **Not Recommended**. Copies of the multi-way warrant analysis are included as attachments.

The traffic counts and safety information indicate that the **intersections should remain unmodified from existing conditions**. The traffic circles provide speed calming measures, especially along Eastmoor Boulevard. The stop control on Bexley Park should remain as the volumes on Bexley Park are significantly lower than those on Eastmoor Boulevard. The traffic volumes on Fair Avenue are nearly equal to the volumes on Eastmoor Boulevard. Therefore, the stop control on Eastmoor Boulevard may be maintained. A secondary benefit of stopping traffic on Eastmoor Boulevard instead of traffic on Fair Avenue is to introduce a stop for Eastmoor Boulevard traffic to slow vehicular speeds. While it is not good practice to install a stop sign as a traffic calming measure, the volumes indicate a nearly even traffic split between the two roadways, so a stop sign on Eastmoor Boulevard is justified based on engineering practices.

Please let me know if you have any questions regarding our analysis.



Kendra M. Schenk, PE, PTOE, RSP<sub>21</sub>

Eastmoor & Bexley Park - TMC

Wed Sep 14, 2022

Full Length (7 AM-7 PM)

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

All Movements

ID: 987718, Location: 39.959528, -82.918509



Provided by: Burgess & Niple  
5085 Reed Rd, Columbus, OH, 43220, US

Leg Direction	Eastmoor Blvd Southbound					Bexley Park Rd Westbound					Eastmoor Blvd Northbound					Bexley Park Rd Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2022-09-14 7:00AM	0	3	0	1	4	0	0	0	0	0	0	7	1	0	8	2	1	2	0	5	17
7:15AM	0	11	0	0	11	1	1	0	0	2	0	10	2	1	13	6	0	0	0	6	32
7:30AM	1	15	0	0	16	0	0	0	0	0	0	10	5	0	15	2	0	1	0	3	34
7:45AM	2	16	0	0	18	0	0	0	0	0	0	14	0	0	14	3	3	1	0	7	39
Hourly Total	3	45	0	1	49	1	1	0	0	2	0	41	8	1	50	13	4	4	0	21	122
8:00AM	2	9	0	0	11	0	2	0	0	2	0	10	1	0	11	2	2	0	0	4	28
8:15AM	1	12	0	0	13	0	0	0	0	0	0	5	1	0	6	1	0	0	0	1	20
8:30AM	1	11	0	0	12	0	0	0	0	0	0	11	1	0	12	2	0	0	0	2	26
8:45AM	0	13	1	1	15	0	1	0	0	1	0	17	3	0	20	1	0	1	0	2	38
Hourly Total	4	45	1	1	51	0	3	0	0	3	0	43	6	0	49	6	2	1	0	9	112
9:00AM	0	12	0	0	12	0	1	0	0	1	0	9	1	0	10	1	1	0	0	2	25
9:15AM	1	8	0	0	9	0	0	0	0	0	0	10	0	0	10	1	1	0	0	2	21
9:30AM	1	9	0	0	10	0	0	0	0	0	1	10	1	0	12	0	2	0	0	2	24
9:45AM	0	9	0	0	9	0	2	0	0	2	0	16	1	0	17	1	1	0	0	2	30
Hourly Total	2	38	0	0	40	0	3	0	0	3	1	45	3	0	49	3	5	0	0	8	100
10:00AM	1	8	0	0	9	0	0	1	0	1	0	10	1	0	11	1	0	1	0	2	23
10:15AM	0	6	0	0	6	0	0	0	0	0	0	8	0	0	8	1	0	2	0	3	17
10:30AM	0	9	0	0	9	0	1	0	0	1	1	9	0	0	10	3	0	3	0	6	26
10:45AM	0	11	2	0	13	0	0	0	0	0	0	11	1	0	12	1	2	0	0	3	28
Hourly Total	1	34	2	0	37	0	1	1	0	2	1	38	2	0	41	6	2	6	0	14	94
11:00AM	1	7	0	0	8	0	0	0	0	0	2	9	0	0	11	0	1	0	0	1	20
11:15AM	0	13	0	0	13	0	0	0	0	0	0	14	0	0	14	0	0	0	0	0	27
11:30AM	0	13	0	0	13	0	0	0	0	0	0	13	2	0	15	0	1	0	0	1	29
11:45AM	0	10	2	0	12	0	0	0	0	0	1	13	1	0	15	0	0	1	0	1	28
Hourly Total	1	43	2	0	46	0	0	0	0	0	3	49	3	0	55	0	2	1	0	3	104
12:00PM	0	7	0	0	7	0	0	0	0	0	0	9	2	0	11	3	0	0	0	3	21
12:15PM	1	13	1	0	15	0	0	0	0	0	0	14	0	0	14	2	1	0	0	3	32
12:30PM	0	15	0	0	15	0	1	1	0	2	0	8	1	0	9	0	0	0	0	0	26
12:45PM	0	18	0	0	18	0	0	0	1	1	0	8	0	0	8	0	0	0	0	0	27
Hourly Total	1	53	1	0	55	0	1	1	1	3	0	39	3	0	42	5	1	0	0	6	106
1:00PM	0	15	0	0	15	0	0	0	0	0	1	17	0	0	18	0	1	1	0	2	35
1:15PM	0	13	0	0	13	1	0	0	0	1	0	13	0	1	14	1	0	0	0	1	29
1:30PM	0	9	0	0	9	0	0	1	0	1	0	11	0	0	11	1	0	1	0	2	23
1:45PM	0	11	0	0	11	0	0	0	0	0	0	14	1	0	15	1	0	0	0	1	27
Hourly Total	0	48	0	0	48	1	0	1	0	2	1	55	1	1	58	3	1	2	0	6	114
2:00PM	0	18	0	0	18	1	0	0	0	1	0	15	2	0	17	1	0	1	0	2	38
2:15PM	1	10	0	0	11	0	1	0	0	1	0	14	0	0	14	0	0	0	0	0	26
2:30PM	0	19	0	1	20	0	1	0	0	1	0	12	2	0	14	2	1	0	0	3	38
2:45PM	4	12	1	1	18	0	2	0	0	2	0	20	2	1	23	0	0	0	0	0	43
Hourly Total	5	59	1	2	67	1	4	0	0	5	0	61	6	1	68	3	1	1	0	5	145
3:00PM	1	16	0	0	17	0	0	0	0	0	0	19	3	1	23	4	3	0	0	7	47
3:15PM	0	19	0	0	19	0	1	1	0	2	0	22	0	0	22	1	1	1	0	3	46
3:30PM	1	13	0	0	14	0	0	0	0	0	0	14	1	0	15	0	2	1	0	3	32
3:45PM	0	16	0	0	16	0	0	0	0	0	1	18	1	0	20	1	1	0	0	2	38
Hourly Total	2	64	0	0	66	0	1	1	0	2	1	73	5	1	80	6	7	2	0	15	163
4:00PM	0	18	1	0	19	0	1	1	0	2	0	17	0	0	17	2	1	0	0	3	41
4:15PM	0	21	0	0	21	0	1	1	0	2	0	19	0	0	19	1	0	0	0	1	43
4:30PM	1	12	0	0	13	0	0	0	0	0	0	20	1	0	21	1	0	0	0	1	35
4:45PM	0	22	0	1	23	0	0	0	0	0	0	18	1	0	19	1	1	1	0	3	45
Hourly Total	1	73	1	1	76	0	2	2	0	4	0	74	2	0	76	5	2	1	0	8	164
5:00PM	1	20	0	0	21	1	0	0	0	1	1	20	1	0	22	1	1	3	0	5	49
5:15PM	0	23	0	0	23	0	0	0	0	0	0	22	0	0	22	1	0	2	0	3	48
5:30PM	2	17	0	0	19	0	0	1	0	1	1	19	1	0	21	0	0	0	0	0	41
5:45PM	1	19	0	0	20	0	0	1	0	1	0	22	0	0	22	1	0	0	0	1	44

Leg Direction	Eastmoor Blvd Southbound					Bexley Park Rd Westbound					Eastmoor Blvd Northbound					Bexley Park Rd Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
Hourly Total	4	79	0	0	83	1	0	2	0	3	2	83	2	0	87	3	1	5	0	9	182
6:00PM	0	20	0	0	20	0	0	1	0	1	1	11	2	0	14	3	1	1	0	5	40
6:15PM	0	16	0	0	16	0	0	0	0	0	0	12	1	0	13	2	0	0	0	2	31
6:30PM	0	12	0	0	12	0	1	0	0	1	0	24	0	0	24	0	0	1	0	1	38
6:45PM	0	7	0	0	7	0	0	0	0	0	0	11	1	0	12	0	3	0	0	3	22
Hourly Total	0	55	0	0	55	0	1	1	0	2	1	58	4	0	63	5	4	2	0	11	131
<b>Total</b>	24	636	8	5	673	4	17	9	1	31	10	659	45	4	718	58	32	25	0	115	1537
<b>% Approach</b>	3.6%	94.5%	1.2%	0.7%	-	12.9%	54.8%	29.0%	3.2%	-	1.4%	91.8%	6.3%	0.6%	-	50.4%	27.8%	21.7%	0%	-	-
<b>% Total</b>	1.6%	41.4%	0.5%	0.3%	43.8%	0.3%	1.1%	0.6%	0.1%	2.0%	0.7%	42.9%	2.9%	0.3%	46.7%	3.8%	2.1%	1.6%	0%	7.5%	-
<b>Lights</b>	24	629	7	5	665	4	17	8	0	29	10	646	43	4	703	56	32	24	0	112	1509
<b>% Lights</b>	100%	98.9%	87.5%	100%	98.8%	100%	100%	88.9%	0%	93.5%	100%	98.0%	95.6%	100%	97.9%	96.6%	100%	96.0%	0%	97.4%	98.2%
<b>Articulated Trucks</b>	0	1	0	0	1	0	0	1	0	1	0	1	0	0	1	1	0	0	0	1	4
<b>% Articulated Trucks</b>	0%	0.2%	0%	0%	0.1%	0%	0%	11.1%	0%	3.2%	0%	0.2%	0%	0%	0.1%	1.7%	0%	0%	0%	0.9%	0.3%
<b>Buses and Single-Unit Trucks</b>	0	6	1	0	7	0	0	0	1	1	0	12	2	0	14	1	0	1	0	2	24
<b>% Buses and Single-Unit Trucks</b>	0%	0.9%	12.5%	0%	1.0%	0%	0%	0%	100%	3.2%	0%	1.8%	4.4%	0%	1.9%	1.7%	0%	4.0%	0%	1.7%	1.6%

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

**Eastmoor & Bexley Park - TMC**

Wed Sep 14, 2022

Full Length (7 AM-7 PM)

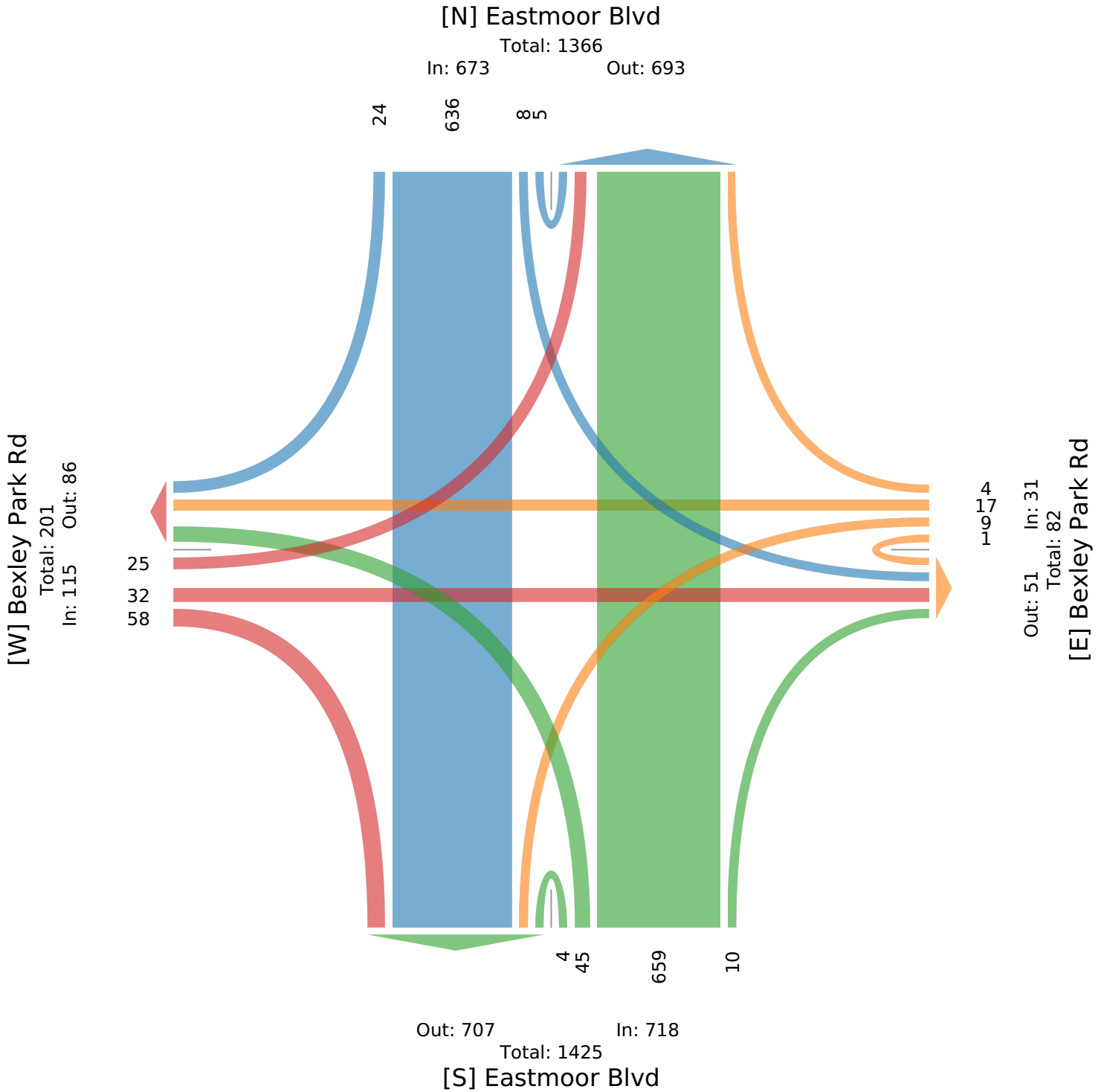
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 987718, Location: 39.959528, -82.918509



Provided by: Burgess & Niple  
5085 Reed Rd, Columbus, OH, 43220, US



Eastmoor & Bexley Park - TMC

Wed Sep 14, 2022

AM Peak (7:15 AM - 8:15 AM)

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

All Movements

ID: 987718, Location: 39.959528, -82.918509



Provided by: Burgess & Niple  
5085 Reed Rd, Columbus, OH, 43220, US

Leg Direction	Eastmoor Blvd Southbound					Bexley Park Rd Westbound					Eastmoor Blvd Northbound					Bexley Park Rd Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2022-09-14 7:15AM	0	11	0	0	11	1	1	0	0	2	0	10	2	1	13	6	0	0	0	6	32
7:30AM	1	15	0	0	16	0	0	0	0	0	0	10	5	0	15	2	0	1	0	3	34
7:45AM	2	16	0	0	18	0	0	0	0	0	0	14	0	0	14	3	3	1	0	7	39
8:00AM	2	9	0	0	11	0	2	0	0	2	0	10	1	0	11	2	2	0	0	4	28
<b>Total</b>	5	51	0	0	56	1	3	0	0	4	0	44	8	1	53	13	5	2	0	20	133
<b>% Approach</b>	8.9%	91.1%	0%	0%	-	25.0%	75.0%	0%	0%	-	0%	83.0%	15.1%	1.9%	-	65.0%	25.0%	10.0%	0%	-	-
<b>% Total</b>	3.8%	38.3%	0%	0%	42.1%	0.8%	2.3%	0%	0%	3.0%	0%	33.1%	6.0%	0.8%	39.8%	9.8%	3.8%	1.5%	0%	15.0%	-
<b>PHF</b>	0.625	0.797	-	-	0.778	0.250	0.375	-	-	0.500	-	0.786	0.400	0.250	0.883	0.542	0.417	0.500	-	0.714	0.853
<b>Lights</b>	5	49	0	0	54	1	3	0	0	4	0	43	8	1	52	13	5	1	0	19	129
<b>% Lights</b>	100%	96.1%	0%	0%	96.4%	100%	100%	0%	0%	100%	0%	97.7%	100%	100%	98.1%	100%	100%	50.0%	0%	95.0%	97.0%
<b>Articulated Trucks</b>	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
<b>% Articulated Trucks</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2.3%	0%	0%	1.9%	0%	0%	0%	0%	0%	0.8%
<b>Buses and Single-Unit Trucks</b>	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3
<b>% Buses and Single-Unit Trucks</b>	0%	3.9%	0%	0%	3.6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50.0%	0%	5.0%	2.3%

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

Eastmoor & Bexley Park - TMC

Wed Sep 14, 2022

AM Peak (7:15 AM - 8:15 AM)

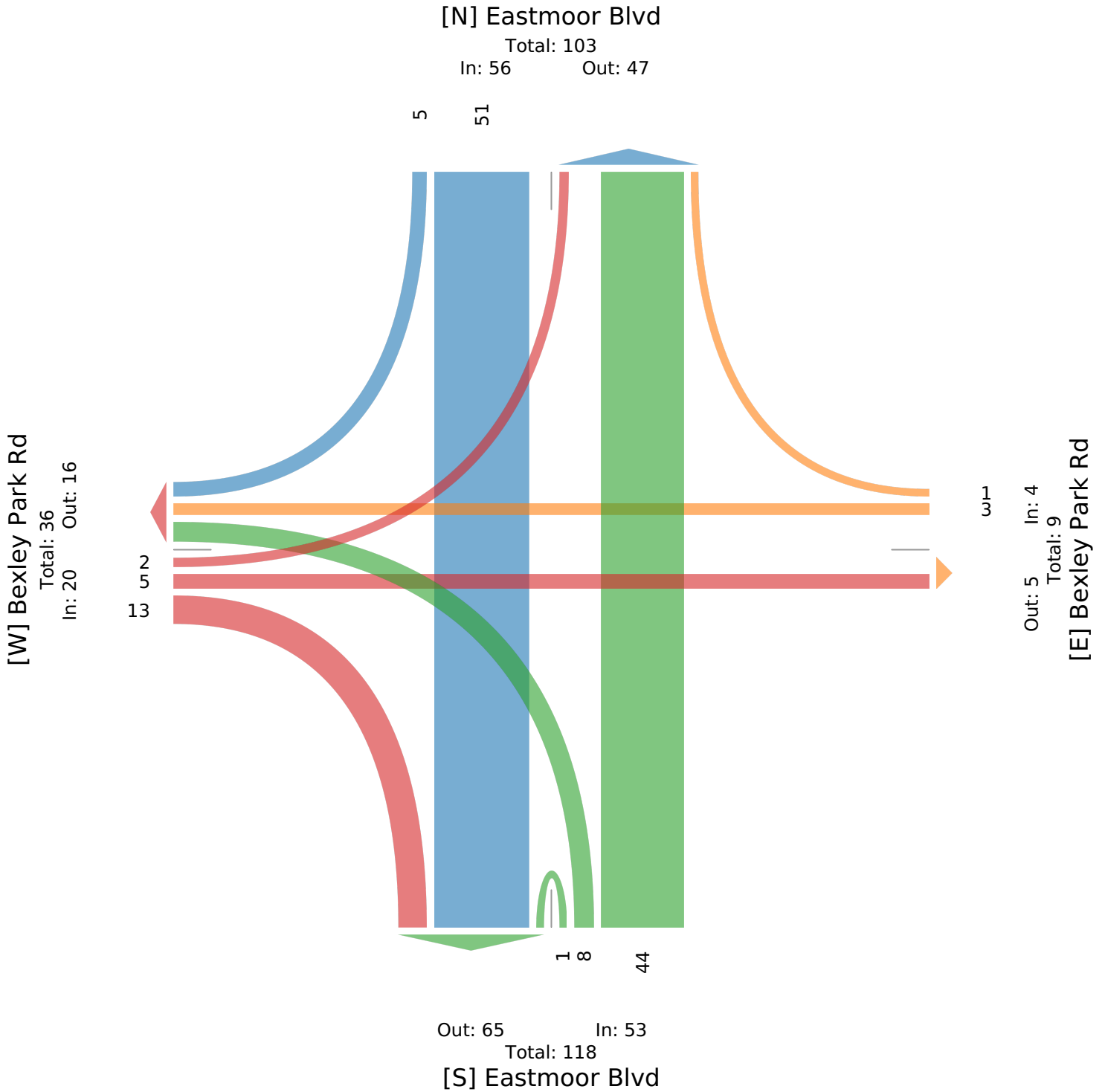
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 987718, Location: 39.959528, -82.918509



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Eastmoor & Bexley Park - TMC

Wed Sep 14, 2022

Midday Peak (12:15 PM - 1:15 PM)

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

All Movements

ID: 987718, Location: 39.959528, -82.918509



Provided by: Burgess & Niple

5085 Reed Rd, Columbus, OH, 43220, US

Leg Direction	Eastmoor Blvd Southbound					Bexley Park Rd Westbound					Eastmoor Blvd Northbound					Bexley Park Rd Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2022-09-14 12:15PM	1	13	1	0	15	0	0	0	0	0	0	14	0	0	14	2	1	0	0	3	32
12:30PM	0	15	0	0	15	0	1	1	0	2	0	8	1	0	9	0	0	0	0	0	26
12:45PM	0	18	0	0	18	0	0	0	1	1	0	8	0	0	8	0	0	0	0	0	27
1:00PM	0	15	0	0	15	0	0	0	0	0	1	17	0	0	18	0	1	1	0	2	35
<b>Total</b>	1	61	1	0	63	0	1	1	1	3	1	47	1	0	49	2	2	1	0	5	120
<b>% Approach</b>	1.6%	96.8%	1.6%	0%	-	0%	33.3%	33.3%	33.3%	-	2.0%	95.9%	2.0%	0%	-	40.0%	40.0%	20.0%	0%	-	-
<b>% Total</b>	0.8%	50.8%	0.8%	0%	52.5%	0%	0.8%	0.8%	0.8%	2.5%	0.8%	39.2%	0.8%	0%	40.8%	1.7%	1.7%	0.8%	0%	4.2%	-
<b>PHF</b>	0.250	0.847	0.250	-	0.875	-	0.250	0.250	0.250	0.375	0.250	0.691	0.250	-	0.681	0.250	0.500	0.250	-	0.417	0.857
<b>Lights</b>	1	61	1	0	63	0	1	1	0	2	1	46	1	0	48	1	2	1	0	4	117
<b>% Lights</b>	100%	100%	100%	0%	100%	0%	100%	100%	0%	66.7%	100%	97.9%	100%	0%	98.0%	50.0%	100%	100%	0%	80.0%	97.5%
<b>Articulated Trucks</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
<b>% Articulated Trucks</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50.0%	0%	0%	0%	20.0%	0.8%
<b>Buses and Single-Unit Trucks</b>	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0	0	0	2
<b>% Buses and Single-Unit Trucks</b>	0%	0%	0%	0%	0%	0%	0%	0%	100%	33.3%	0%	2.1%	0%	0%	2.0%	0%	0%	0%	0%	0%	1.7%

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

Eastmoor & Bexley Park - TMC

Wed Sep 14, 2022

Midday Peak (12:15 PM - 1:15 PM)

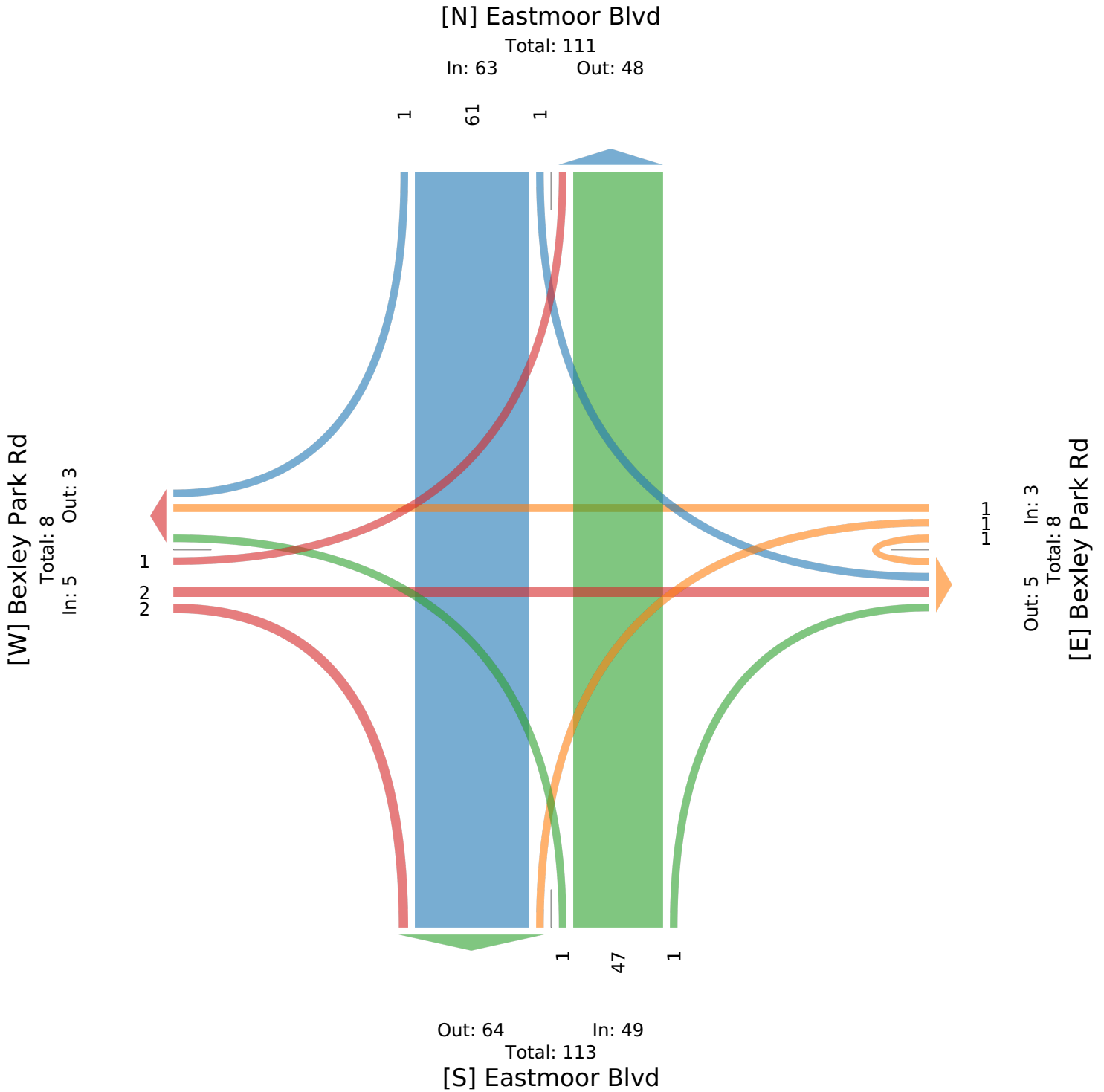
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 987718, Location: 39.959528, -82.918509



Provided by: Burgess & Niple  
5085 Reed Rd, Columbus, OH, 43220, US





Eastmoor & Bexley Park - TMC

Wed Sep 14, 2022

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

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

All Movements

ID: 987718, Location: 39.959528, -82.918509



Provided by: Burgess & Niple  
5085 Reed Rd, Columbus, OH, 43220, US

Leg Direction	Eastmoor Blvd Southbound					Bexley Park Rd Westbound					Eastmoor Blvd Northbound					Bexley Park Rd Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2022-09-14 4:45PM	0	22	0	1	23	0	0	0	0	0	0	18	1	0	19	1	1	1	0	3	45
5:00PM	1	20	0	0	21	1	0	0	0	1	1	20	1	0	22	1	1	3	0	5	49
5:15PM	0	23	0	0	23	0	0	0	0	0	0	22	0	0	22	1	0	2	0	3	48
5:30PM	2	17	0	0	19	0	0	1	0	1	1	19	1	0	21	0	0	0	0	0	41
<b>Total</b>	3	82	0	1	86	1	0	1	0	2	2	79	3	0	84	3	2	6	0	11	183
<b>% Approach</b>	3.5%	95.3%	0%	1.2%	-	50.0%	0%	50.0%	0%	-	2.4%	94.0%	3.6%	0%	-	27.3%	18.2%	54.5%	0%	-	-
<b>% Total</b>	1.6%	44.8%	0%	0.5%	47.0%	0.5%	0%	0.5%	0%	1.1%	1.1%	43.2%	1.6%	0%	45.9%	1.6%	1.1%	3.3%	0%	6.0%	-
<b>PHF</b>	0.375	0.891	-	0.250	0.935	0.250	-	0.250	-	0.500	0.500	0.898	0.750	-	0.955	0.750	0.500	0.500	-	0.550	0.934
<b>Lights</b>	3	80	0	1	84	1	0	1	0	2	2	79	3	0	84	3	2	6	0	11	181
<b>% Lights</b>	100%	97.6%	0%	100%	97.7%	100%	0%	100%	0%	100%	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	98.9%
<b>Articulated Trucks</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>% Articulated Trucks</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Buses and Single-Unit Trucks</b>	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
<b>% Buses and Single-Unit Trucks</b>	0%	2.4%	0%	0%	2.3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1.1%

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

**Eastmoor & Bexley Park - TMC**

Wed Sep 14, 2022

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

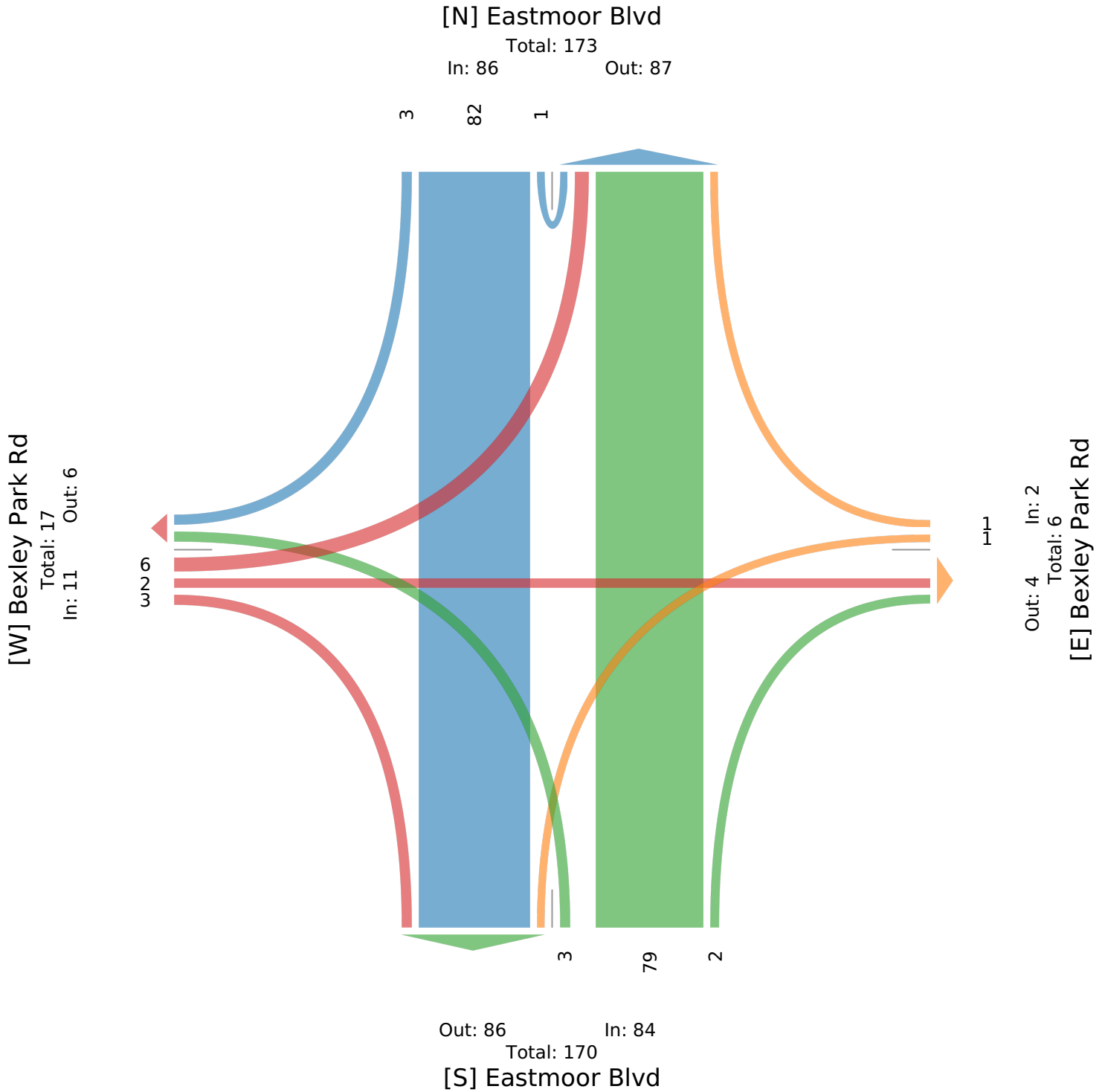
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 987718, Location: 39.959528, -82.918509



Provided by: Burgess & Niple  
5085 Reed Rd, Columbus, OH, 43220, US



Eastmoor & Fair - TMC

Wed Sep 14, 2022

Full Length (7 AM-7 PM)

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

All Movements

ID: 989455, Location: 39.961432, -82.9183



Provided by: Burgess & Niple  
5085 Reed Rd, Columbus, OH, 43220, US

Leg Direction	Eastmoor Blvd Southbound					Fair Ave Westbound					Eastmoor Blvd Northbound					Fair Ave Eastbound					Int
	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	
2022-09-14 7:00AM	2	3	0	0	5	0	14	0	0	14	2	6	3	0	11	0	6	2	0	8	38
7:15AM	1	9	1	0	11	0	14	3	0	17	1	6	3	0	10	3	13	1	0	17	55
7:30AM	4	5	1	0	10	3	6	2	0	11	3	9	2	0	14	1	3	5	0	9	44
7:45AM	9	8	0	0	17	1	9	3	0	13	0	17	3	1	21	3	11	3	0	17	68
Hourly Total	16	25	2	0	43	4	43	8	0	55	6	38	11	1	56	7	33	11	0	51	205
8:00AM	2	8	2	0	12	1	7	1	0	9	0	8	1	0	9	3	6	1	0	10	40
8:15AM	3	9	0	0	12	1	7	1	0	9	2	2	0	0	4	0	11	1	0	12	37
8:30AM	0	9	0	0	9	2	7	0	0	9	1	9	0	0	10	2	11	2	0	15	43
8:45AM	3	10	2	0	15	1	8	1	0	10	4	15	2	0	21	5	9	2	0	16	62
Hourly Total	8	36	4	0	48	5	29	3	0	37	7	34	3	0	44	10	37	6	0	53	182
9:00AM	2	7	0	0	9	0	5	0	0	5	3	5	0	0	8	2	5	0	0	7	29
9:15AM	1	8	0	0	9	1	3	0	0	4	0	11	0	0	11	2	4	1	1	8	32
9:30AM	1	6	0	0	7	0	8	0	0	8	4	8	0	0	12	0	1	1	0	2	29
9:45AM	1	9	0	0	10	0	4	0	0	4	1	12	2	0	15	2	5	1	0	8	37
Hourly Total	5	30	0	0	35	1	20	0	0	21	8	36	2	0	46	6	15	3	1	25	127
10:00AM	1	7	0	0	8	4	2	0	1	7	0	12	1	0	13	1	4	2	0	7	35
10:15AM	1	4	1	0	6	0	6	1	0	7	3	6	0	0	9	0	0	1	0	1	23
10:30AM	1	8	1	0	10	0	4	2	0	6	2	11	1	0	14	4	2	1	0	7	37
10:45AM	0	9	1	0	10	1	3	0	0	4	2	7	1	0	10	2	7	0	0	9	33
Hourly Total	3	28	3	0	34	5	15	3	1	24	7	36	3	0	46	7	13	4	0	24	128
11:00AM	0	7	1	0	8	1	3	0	0	4	1	7	1	0	9	2	5	0	0	7	28
11:15AM	3	7	0	0	10	1	9	2	0	12	2	11	1	0	14	1	9	1	0	11	47
11:30AM	0	11	0	0	11	4	5	0	0	9	2	11	1	0	14	2	4	1	0	7	41
11:45AM	2	11	0	0	13	1	5	2	0	8	3	8	2	0	13	0	3	4	0	7	41
Hourly Total	5	36	1	0	42	7	22	4	0	33	8	37	5	0	50	5	21	6	0	32	157
12:00PM	1	5	0	0	6	0	6	0	0	6	3	7	1	0	11	1	10	0	0	11	34
12:15PM	2	13	1	0	16	0	2	0	0	2	1	9	2	0	12	3	7	0	0	10	40
12:30PM	1	12	1	0	14	0	3	0	0	3	1	7	1	0	9	4	3	0	0	7	33
12:45PM	0	14	0	0	14	1	6	0	0	7	1	5	3	0	9	1	6	1	0	8	38
Hourly Total	4	44	2	0	50	1	17	0	0	18	6	28	7	0	41	9	26	1	0	36	145
1:00PM	3	10	0	0	13	0	6	2	0	8	1	16	1	0	18	1	4	3	0	8	47
1:15PM	1	12	0	0	13	1	7	2	0	10	1	11	2	0	14	1	8	4	0	13	50
1:30PM	2	9	1	0	12	1	9	2	0	12	1	11	1	0	13	1	14	3	0	18	55
1:45PM	0	10	1	0	11	1	7	1	0	9	3	10	0	0	13	1	8	3	0	12	45
Hourly Total	6	41	2	0	49	3	29	7	0	39	6	48	4	0	58	4	34	13	0	51	197
2:00PM	1	12	1	0	14	1	3	0	0	4	1	15	3	0	19	2	4	1	1	8	45
2:15PM	1	11	1	0	13	0	4	1	0	5	1	10	0	0	11	1	6	0	0	7	36
2:30PM	3	14	1	0	18	0	14	3	0	17	2	9	2	2	15	5	7	3	0	15	65
2:45PM	4	8	0	1	13	2	13	4	0	19	1	16	4	0	21	0	10	2	1	13	66
Hourly Total	9	45	3	1	58	3	34	8	0	45	5	50	9	2	66	8	27	6	2	43	212
3:00PM	0	17	2	0	19	2	14	3	0	19	5	15	2	0	22	3	12	2	0	17	77
3:15PM	2	14	0	0	16	3	14	3	0	20	2	15	1	0	18	3	10	1	0	14	68
3:30PM	1	14	0	0	15	0	5	3	0	8	0	12	1	0	13	1	10	1	0	12	48
3:45PM	2	11	0	0	13	2	4	1	0	7	6	9	2	0	17	2	12	3	0	17	54
Hourly Total	5	56	2	0	63	7	37	10	0	54	13	51	6	0	70	9	44	7	0	60	247
4:00PM	1	15	0	0	16	3	8	1	1	13	1	17	0	0	18	4	11	2	0	17	64
4:15PM	4	8	0	0	12	2	8	1	0	11	2	18	0	0	20	6	9	1	0	16	59
4:30PM	1	12	1	0	14	1	9	2	0	12	2	16	1	0	19	1	7	3	0	11	56
4:45PM	2	19	1	0	22	0	11	1	0	12	0	19	2	0	21	2	10	2	0	14	69
Hourly Total	8	54	2	0	64	6	36	5	1	48	5	70	3	0	78	13	37	8	0	58	248
5:00PM	1	19	3	0	23	0	10	2	0	12	3	14	4	0	21	2	9	2	0	13	69
5:15PM	2	18	1	0	21	2	13	1	0	16	5	16	2	1	24	1	10	5	0	16	77
5:30PM	1	11	0	0	12	2	14	4	0	20	2	15	5	0	22	5	5	4	0	14	68
5:45PM	2	11	0	0	13	1	14	5	0	20	2	15	1	0	18	4	11	2	1	18	69

Leg Direction	Eastmoor Blvd Southbound					Fair Ave Westbound					Eastmoor Blvd Northbound					Fair Ave Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
Hourly Total	6	59	4	0	69	5	51	12	0	68	12	60	12	1	85	12	35	13	1	61	283
6:00PM	4	14	0	0	18	1	9	3	0	13	1	12	1	0	14	3	7	0	0	10	55
6:15PM	0	13	0	0	13	3	17	2	0	22	1	12	1	0	14	2	8	2	0	12	61
6:30PM	0	8	1	0	9	1	15	1	1	18	4	15	2	0	21	2	5	2	0	9	57
6:45PM	1	9	0	0	10	0	10	0	0	10	1	5	4	0	10	1	13	1	0	15	45
Hourly Total	5	44	1	0	50	5	51	6	1	63	7	44	8	0	59	8	33	5	0	46	218
<b>Total</b>	80	498	26	1	605	52	384	66	3	505	90	532	73	4	699	98	355	83	4	540	2349
<b>% Approach</b>	13.2%	82.3%	4.3%	0.2%	-	10.3%	76.0%	13.1%	0.6%	-	12.9%	76.1%	10.4%	0.6%	-	18.1%	65.7%	15.4%	0.7%	-	-
<b>% Total</b>	3.4%	21.2%	1.1%	0%	25.8%	2.2%	16.3%	2.8%	0.1%	21.5%	3.8%	22.6%	3.1%	0.2%	29.8%	4.2%	15.1%	3.5%	0.2%	23.0%	-
<b>Lights</b>	80	495	25	1	601	50	377	65	3	495	84	530	71	4	689	95	349	83	4	531	2316
<b>% Lights</b>	100%	99.4%	96.2%	100%	99.3%	96.2%	98.2%	98.5%	100%	98.0%	93.3%	99.6%	97.3%	100%	98.6%	96.9%	98.3%	100%	100%	98.3%	98.6%
<b>Articulated Trucks</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
<b>% Articulated Trucks</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.3%	0%	0%	0.2%	0%
<b>Buses and Single-Unit Trucks</b>	0	3	1	0	4	2	7	1	0	10	6	2	2	0	10	3	5	0	0	8	32
<b>% Buses and Single-Unit Trucks</b>	0%	0.6%	3.8%	0%	0.7%	3.8%	1.8%	1.5%	0%	2.0%	6.7%	0.4%	2.7%	0%	1.4%	3.1%	1.4%	0%	0%	1.5%	1.4%

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

Eastmoor & Fair - TMC

Wed Sep 14, 2022

Full Length (7 AM-7 PM)

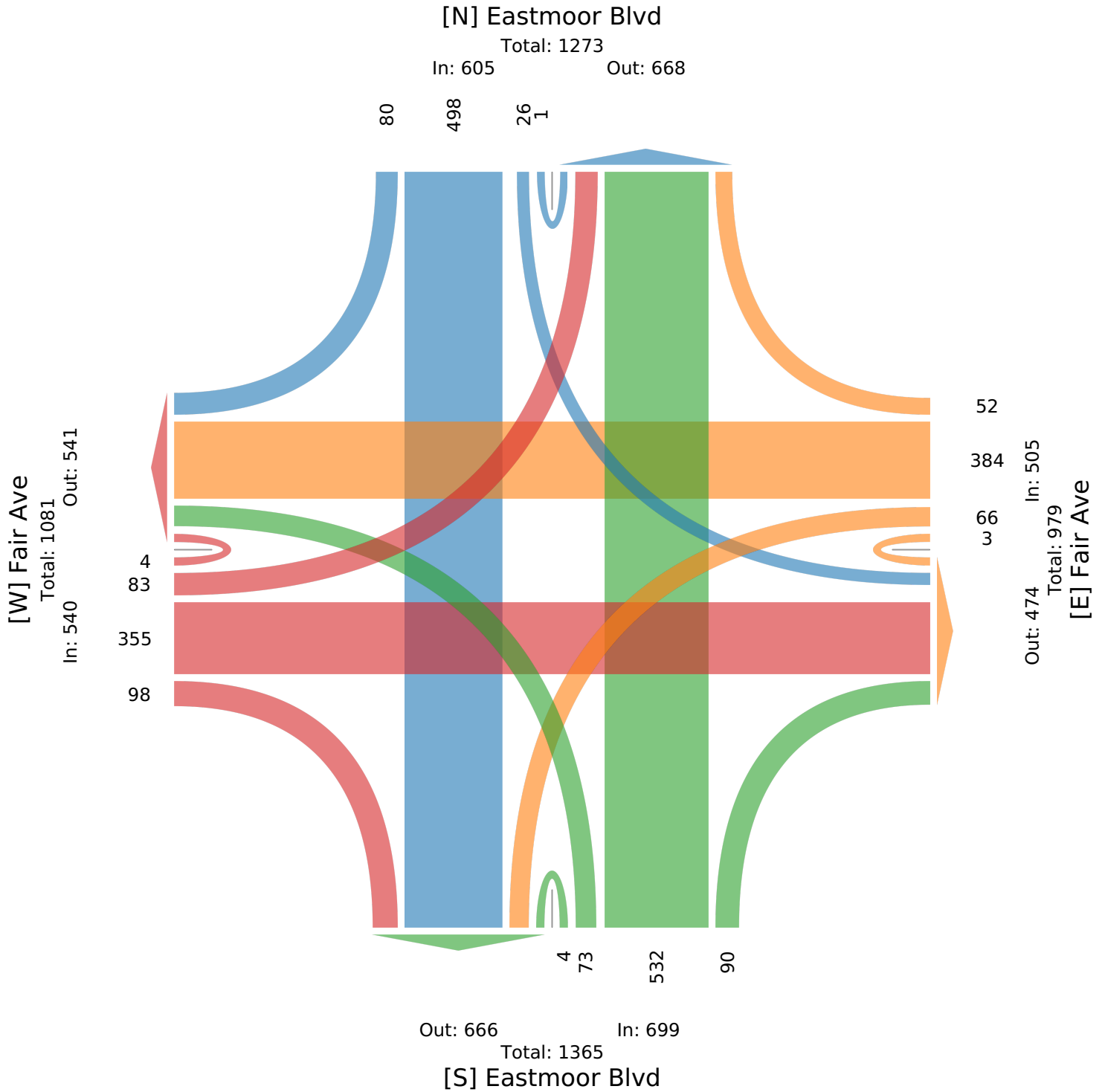
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 989455, Location: 39.961432, -82.9183



Provided by: Burgess & Niple  
5085 Reed Rd, Columbus, OH, 43220, US



Eastmoor & Fair - TMC

Wed Sep 14, 2022

AM Peak (7:15 AM - 8:15 AM)

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

All Movements

ID: 989455, Location: 39.961432, -82.9183



Provided by: Burgess & Niple  
5085 Reed Rd, Columbus, OH, 43220, US

Leg Direction	Eastmoor Blvd Southbound					Fair Ave Westbound					Eastmoor Blvd Northbound					Fair Ave Eastbound					Int
	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	
2022-09-14 7:15AM	1	9	1	0	11	0	14	3	0	17	1	6	3	0	10	3	13	1	0	17	55
7:30AM	4	5	1	0	10	3	6	2	0	11	3	9	2	0	14	1	3	5	0	9	44
7:45AM	9	8	0	0	17	1	9	3	0	13	0	17	3	1	21	3	11	3	0	17	68
8:00AM	2	8	2	0	12	1	7	1	0	9	0	8	1	0	9	3	6	1	0	10	40
<b>Total</b>	16	30	4	0	50	5	36	9	0	50	4	40	9	1	54	10	33	10	0	53	207
<b>% Approach</b>	32.0%	60.0%	8.0%	0%	-	10.0%	72.0%	18.0%	0%	-	7.4%	74.1%	16.7%	1.9%	-	18.9%	62.3%	18.9%	0%	-	-
<b>% Total</b>	7.7%	14.5%	1.9%	0%	24.2%	2.4%	17.4%	4.3%	0%	24.2%	1.9%	19.3%	4.3%	0.5%	26.1%	4.8%	15.9%	4.8%	0%	25.6%	-
<b>PHF</b>	0.444	0.833	0.500	-	0.735	0.417	0.643	0.750	-	0.735	0.333	0.588	0.750	0.250	0.643	0.833	0.635	0.500	-	0.779	0.761
<b>Lights</b>	16	30	4	0	50	5	36	8	0	49	3	40	9	1	53	10	32	10	0	52	204
<b>% Lights</b>	100%	100%	100%	0%	100%	100%	100%	88.9%	0%	98.0%	75.0%	100%	100%	100%	98.1%	100%	97.0%	100%	0%	98.1%	98.6%
<b>Articulated Trucks</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>% Articulated Trucks</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Buses and Single-Unit Trucks</b>	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	1	0	0	1	3
<b>% Buses and Single-Unit Trucks</b>	0%	0%	0%	0%	0%	0%	0%	11.1%	0%	2.0%	25.0%	0%	0%	0%	1.9%	0%	3.0%	0%	0%	1.9%	1.4%

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

**Eastmoor & Fair - TMC**

Wed Sep 14, 2022

AM Peak (7:15 AM - 8:15 AM)

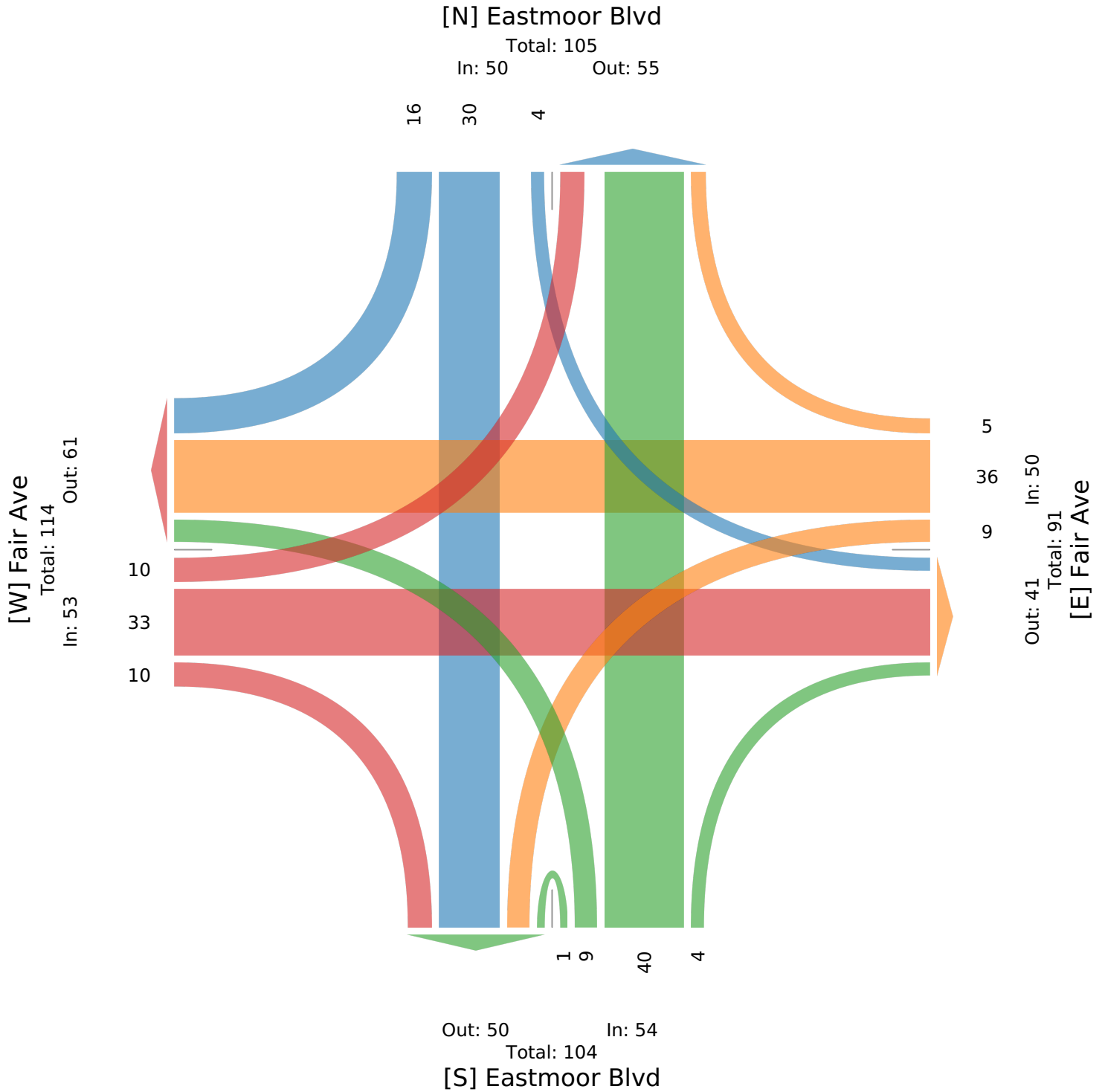
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 989455, Location: 39.961432, -82.9183



Provided by: Burgess & Niple  
5085 Reed Rd, Columbus, OH, 43220, US



Eastmoor & Fair - TMC

Wed Sep 14, 2022

Midday Peak (1 PM - 2 PM)

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

All Movements

ID: 989455, Location: 39.961432, -82.9183



Provided by: Burgess & Niple  
5085 Reed Rd, Columbus, OH, 43220, US

Leg Direction	Eastmoor Blvd Southbound					Fair Ave Westbound					Eastmoor Blvd Northbound					Fair Ave Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2022-09-14 1:00PM	3	10	0	0	13	0	6	2	0	8	1	16	1	0	18	1	4	3	0	8	47
1:15PM	1	12	0	0	13	1	7	2	0	10	1	11	2	0	14	1	8	4	0	13	50
1:30PM	2	9	1	0	12	1	9	2	0	12	1	11	1	0	13	1	14	3	0	18	55
1:45PM	0	10	1	0	11	1	7	1	0	9	3	10	0	0	13	1	8	3	0	12	45
<b>Total</b>	6	41	2	0	49	3	29	7	0	39	6	48	4	0	58	4	34	13	0	51	197
<b>% Approach</b>	12.2%	83.7%	4.1%	0%	-	7.7%	74.4%	17.9%	0%	-	10.3%	82.8%	6.9%	0%	-	7.8%	66.7%	25.5%	0%	-	-
<b>% Total</b>	3.0%	20.8%	1.0%	0%	24.9%	1.5%	14.7%	3.6%	0%	19.8%	3.0%	24.4%	2.0%	0%	29.4%	2.0%	17.3%	6.6%	0%	25.9%	-
<b>PHF</b>	0.500	0.854	0.500	-	0.942	0.750	0.806	0.875	-	0.813	0.500	0.750	0.500	-	0.806	1.000	0.607	0.813	-	0.708	0.895
<b>Lights</b>	6	41	2	0	49	3	29	7	0	39	6	48	4	0	58	3	32	13	0	48	194
<b>% Lights</b>	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	75.0%	94.1%	100%	0%	94.1%	98.5%
<b>Articulated Trucks</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>% Articulated Trucks</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Buses and Single-Unit Trucks</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	3
<b>% Buses and Single-Unit Trucks</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25.0%	5.9%	0%	0%	5.9%	1.5%

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



Eastmoor & Fair - TMC

Wed Sep 14, 2022

Midday Peak (1 PM - 2 PM)

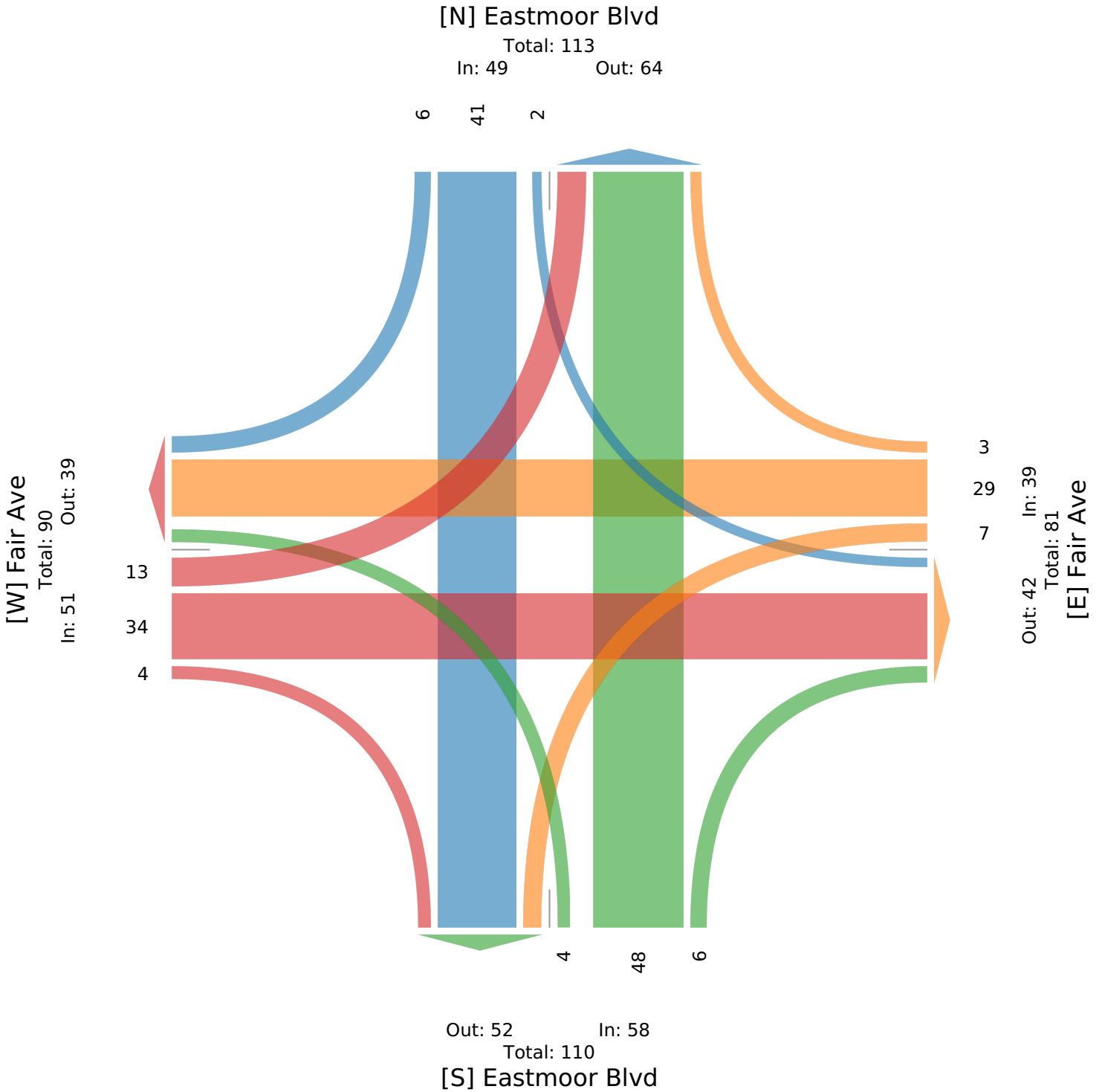
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 989455, Location: 39.961432, -82.9183



Provided by: Burgess & Niple  
5085 Reed Rd, Columbus, OH, 43220, US



Eastmoor & Fair - TMC

Wed Sep 14, 2022

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

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

All Movements

ID: 989455, Location: 39.961432, -82.9183



Provided by: Burgess & Niple  
5085 Reed Rd, Columbus, OH, 43220, US

Leg Direction	Eastmoor Blvd Southbound					Fair Ave Westbound					Eastmoor Blvd Northbound					Fair Ave Eastbound						
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int	
2022-09-14 4:45PM	2	19	1	0	22	0	11	1	0	12	0	19	2	0	21	2	10	2	0	14	69	
5:00PM	1	19	3	0	23	0	10	2	0	12	3	14	4	0	21	2	9	2	0	13	69	
5:15PM	2	18	1	0	21	2	13	1	0	16	5	16	2	1	24	1	10	5	0	16	77	
5:30PM	1	11	0	0	12	2	14	4	0	20	2	15	5	0	22	5	5	4	0	14	68	
<b>Total</b>	6	67	5	0	78	4	48	8	0	60	10	64	13	1	88	10	34	13	0	57	283	
<b>% Approach</b>	7.7%	85.9%	6.4%	0%	-	6.7%	80.0%	13.3%	0%	-	11.4%	72.7%	14.8%	1.1%	-	17.5%	59.6%	22.8%	0%	-	-	
<b>% Total</b>	2.1%	23.7%	1.8%	0%	27.6%	1.4%	17.0%	2.8%	0%	21.2%	3.5%	22.6%	4.6%	0.4%	31.1%	3.5%	12.0%	4.6%	0%	20.1%	-	
<b>PHF</b>	0.750	0.882	0.417	-	0.848	0.500	0.857	0.500	-	0.750	0.500	0.842	0.650	0.250	0.917	0.500	0.850	0.650	-	0.891	0.919	
<b>Lights</b>	6	66	5	0	77	4	47	8	0	59	10	64	13	1	88	10	33	13	0	56	280	
<b>% Lights</b>	100%	98.5%	100%	0%	98.7%	100%	97.9%	100%	0%	98.3%	100%	100%	100%	100%	100%	100%	97.1%	100%	0%	98.2%	98.9%	
<b>Articulated Trucks</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>% Articulated Trucks</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Buses and Single-Unit Trucks</b>	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	3	
<b>% Buses and Single-Unit Trucks</b>	0%	1.5%	0%	0%	1.3%	0%	2.1%	0%	0%	1.7%	0%	0%	0%	0%	0%	0%	2.9%	0%	0%	1.8%	1.1%	

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

**Eastmoor & Fair - TMC**

Wed Sep 14, 2022

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

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

All Movements

ID: 989455, Location: 39.961432, -82.9183



Provided by: Burgess & Niple  
5085 Reed Rd, Columbus, OH, 43220, US

