

**CHICAGO - DELIVERING ZERO EMISSIONS COMMUNITIES (DZEC)
TRUCK COUNTING PROJECT**



COUNT LOCATION: S. Ewing Avenue & E. 106th Street
East Side
COUNT DATE: 08-01-2023
COUNT TYPE: Turning Movement Counts (TMC)

PROJECT LOCATION MAP



COUNT TYPE: Intersection Turning Movement

Turning Movement Counts, or TMC, are also typically known as an Intersection Count. In a TMC, vehicle movements (e.g., left, through, and right turns) and volumes for all legs of the intersection are captured, for a specific period of time.

SITE PHOTOS



SUMMARY DATA REPORTS

Truck traffic data was collected utilizing Miovision Scout video data collection (cameras). Video data was collected for a 24-hour period on a typical, non-holiday weekday. Miovision DataLink was used to generate reports and data visualizations to analyze traffic and truck count data. In addition, FTG generated truck-specific data reports. Summary data reports from both Miovision Datalink and FTG are described and presented below.

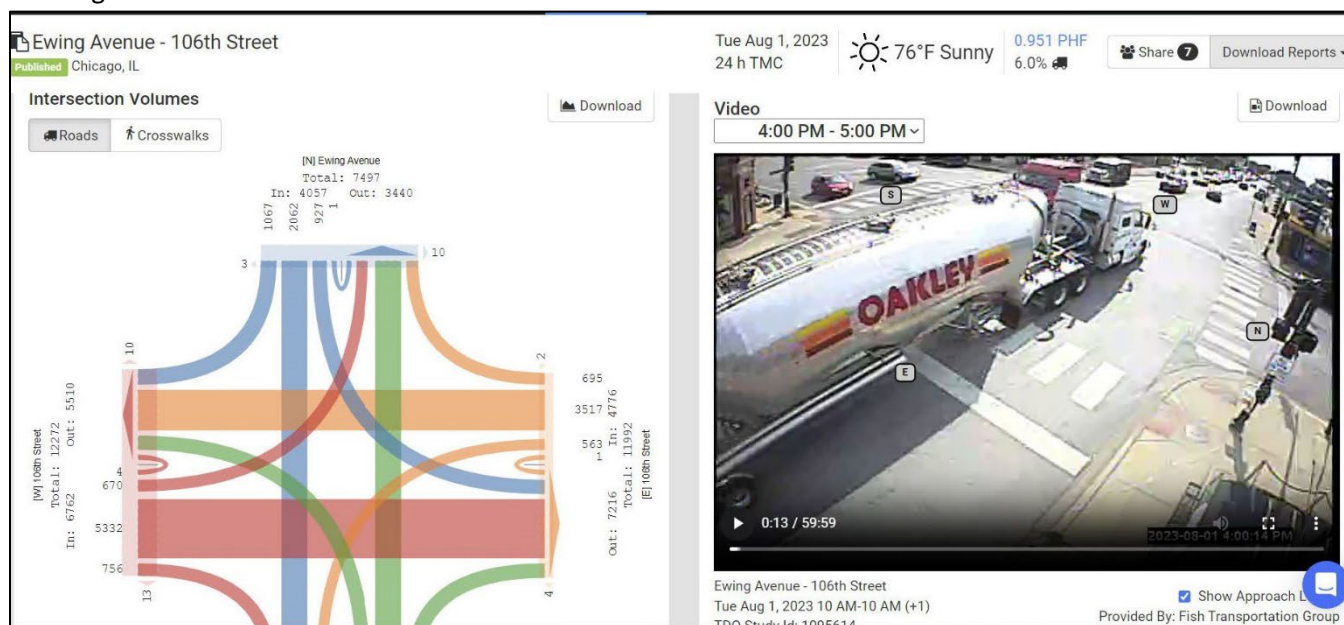
Miovision Datalink Reports

The following information is provided as generated from the Miovision Datalink portal:

1. Detailed PDF report presenting raw traffic volumes summarized by:
 - Time increments (i.e., 15-minute, 60-minute)
 - Length of count (i.e., Peak hour counts, 12-hour counts, 24-hour counts)
 - Data tables presented as: full count length summary, AM peak period, midday, PM peak period
 - vehicle classifications: autos, light (single-unit) trucks & buses, heavy (multi-unit trucks)
 - all turning movements
2. Summary PDF presenting:
 - Percent by approach
 - Percent by vehicle classifications
 - Peak Hour Factor
3. Intersection data plot (movement visualization) showing Intersection diagram (vehicles entering and exiting the intersection)

Example from Miovision Datalink Portal

S. Ewing Avenue & E. 106th Street



FTG Summary Reports

Truck volume summary reports were generated by FTG using Jamar PetraPro Software. The following reports were prepared for each count location:

- Hourly truck volumes (all trucks)
 - Volumes tabulated by hour, approach, vehicle movement
- Hourly heavy truck volumes
 - Summary of articulated truck volumes by hour, approach, vehicle movement

Both Miovision and FTG reports are attached below.

Ewing Avenue - 106th Street - TMC

Tue Aug 1, 2023

Full Length (10 AM-10 AM (+1))

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1095614, Location: 41.702743, -87.535293

Provided by: Fish Transportation Group Inc.
1950 N Washington Street, Suite 211,
Naperville, IL, 60563, US

Leg Direction	Ewing Avenue Southbound						106th Street Westbound						Ewing Avenue Northbound						106th Street Eastbound						Int
	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	
2023-08-01 10:00AM	57	106	51	0	214	21	34	170	37	0	241	25	49	105	50	1	205	57	40	306	45	0	391	50	1051
11:00AM	69	111	53	0	233	26	48	188	31	0	267	22	42	107	46	0	195	24	47	294	40	0	381	46	1076
12:00PM	74	105	41	0	220	19	42	224	29	0	295	17	85	102	55	0	242	45	56	372	38	0	466	76	1223
1:00PM	66	123	53	0	242	36	47	225	40	0	312	21	87	126	68	0	281	42	59	352	38	0	449	63	1284
2:00PM	80	115	72	0	267	31	43	211	50	0	304	18	68	119	51	0	238	34	35	367	41	0	443	48	1252
3:00PM	71	180	76	0	327	33	50	215	34	0	299	18	73	126	44	0	243	39	60	292	38	0	390	59	1259
4:00PM	83	169	91	0	343	25	48	243	36	1	328	17	76	177	55	0	308	43	44	360	30	0	434	50	1413
5:00PM	69	232	105	0	406	26	56	265	54	0	375	11	70	147	62	0	279	37	42	350	39	0	431	56	1491
6:00PM	74	167	71	0	312	36	55	245	42	0	342	16	39	162	71	0	272	36	44	335	46	0	425	44	1351
7:00PM	55	139	41	0	235	30	38	210	30	0	278	5	63	129	44	0	236	28	42	373	48	0	463	33	1212
8:00PM	57	129	65	0	251	14	45	190	34	0	269	16	41	110	57	0	208	19	45	324	42	0	411	33	1139
9:00PM	62	63	31	0	156	16	18	181	28	0	227	2	25	60	51	2	138	3	29	213	30	0	272	25	793
10:00PM	30	51	17	0	98	7	17	117	11	0	145	1	20	42	25	0	87	13	19	208	25	1	253	21	583
11:00PM	17	32	10	0	59	8	11	87	11	0	109	2	12	26	15	0	53	4	14	153	19	3	189	14	410
2023-08-02 12:00AM	12	19	6	0	37	0	7	68	8	0	83	0	8	18	8	0	34	0	11	112	10	0	133	0	287
1:00AM	6	9	7	0	22	0	2	54	3	0	59	0	5	13	3	0	21	0	11	59	3	0	73	0	175
2:00AM	5	3	5	1	14	0	1	49	2	0	52	1	5	5	5	0	15	0	5	51	2	0	58	1	139
3:00AM	5	3	2	0	10	0	3	45	3	0	51	0	5	8	8	0	21	0	5	35	0	0	40	2	122
4:00AM	24	11	6	0	41	0	7	75	5	0	87	4	13	18	19	0	50	0	7	69	4	0	80	0	258
5:00AM	35	31	6	0	72	5	16	108	5	0	129	6	22	60	35	0	117	0	15	134	19	0	168	2	486
6:00AM	39	46	19	0	104	3	27	138	12	0	177	6	28	104	36	0	168	4	17	165	26	0	208	7	657
7:00AM	50	71	27	0	148	6	26	148	16	0	190	5	46	89	37	0	172	4	30	220	32	0	282	15	792
8:00AM	42	63	31	0	136	18	32	148	24	0	204	15	32	113	40	0	185	19	39	244	40	0	323	25	848
9:00AM	34	86	43	0	163	12	25	188	21	0	234	15	43	110	42	0	195	22	44	275	47	0	366	29	958
Total	1116	2064	929	1	4110	372	698	3792	566	1	5057	243	957	2076	927	3	3963	473	760	5663	702	4	7129	699	20259
% Approach	27.2%	50.2%	22.6%	0%	-	-	13.8%	75.0%	11.2%	0%	-	-	24.1%	52.4%	23.4%	0.1%	-	-	10.7%	79.4%	9.8%	0.1%	-	-	-
% Total	5.5%	10.2%	4.6%	0%	20.3%	-	3.4%	18.7%	2.8%	0%	25.0%	-	4.7%	10.2%	4.6%	0%	19.6%	-	3.8%	28.0%	3.5%	0%	35.2%	-	-
Lights	1021	1985	918	1	3925	-	686	3425	550	1	4662	-	931	1968	910	3	3812	-	732	5216	627	4	6579	-	18978
% Lights	91.5%	96.2%	98.8%	100%	95.5%	-	98.3%	90.3%	97.2%	100%	92.2%	-	97.3%	94.8%	98.2%	100%	96.2%	-	96.3%	92.1%	89.3%	100%	92.3%	-	93.7%
Single-Unit Trucks	12	15	6	0	33	-	7	60	13	0	80	-	19	16	10	0	45	-	19	75	9	0	103	-	261
% Single-Unit Trucks	1.1%	0.7%	0.6%	0%	0.8%	-	1.0%	1.6%	2.3%	0%	1.6%	-	2.0%	0.8%	1.1%	0%	1.1%	-	2.5%	1.3%	1.3%	0%	1.4%	-	1.3%
Articulated Trucks	49	2	2	0	53	-	3	275	3	0	281	-	1	2	5	0	8	-	4	331	32	0	367	-	709
% Articulated Trucks	4.4%	0.1%	0.2%	0%	1.3%	-	0.4%	7.3%	0.5%	0%	5.6%	-	0.1%	0.1%	0.5%	0%	0.2%	-	0.5%	5.8%	4.6%	0%	5.1%	-	3.5%
Buses	28	53	0	0	81	-	1	30	0	0	31	-	3	55	2	0	60	-	0	39	34	0	73	-	245
% Buses	2.5%	2.6%	0%	0%	2.0%	-	0.1%	0.8%	0%	0%	0.6%	-	0.3%	2.6%	0.2%	0%	1.5%	-	0%	0.7%	4.8%	0%	1.0%	-	1.2%
Bicycles on Road	6	9	3	0	18	-	1	2	0	0	3	-	3	35	0	0	38	-	5	2	0	0	7	-	66
% Bicycles on Road	0.5%	0.4%	0.3%	0%	0.4%	-	0.1%	0.1%	0%	0%	0.1%	-	0.3%	1.7%	0%	0%	1.0%	-	0.7%	0%	0%	0%	0.1%	-	0.3%
Pedestrians	-	-	-	-	-	359	-	-	-	-	237	-	-	-	-	-	451	-	-	-	-	-	676	-	-
% Pedestrians	-	-	-	-	-	96.5%	-	-	-	-	97.5%	-	-	-	-	-	95.3%	-	-	-	-	-	96.7%	-	-
Bicycles on Crosswalk	-	-	-	-	-	13	-	-	-	-	6	-	-	-	-	-	22	-	-	-	-	-	23	-	-
% Bicycles on Crosswalk	-	-	-	-	-	3.5%	-	-	-	-	2.5%	-	-	-	-	-	4.7%	-	-	-	-	-	3.3%	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Ewing Avenue - 106th Street - TMC

Tue Aug 1, 2023

Full Length (10 AM-10 AM (+1))

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

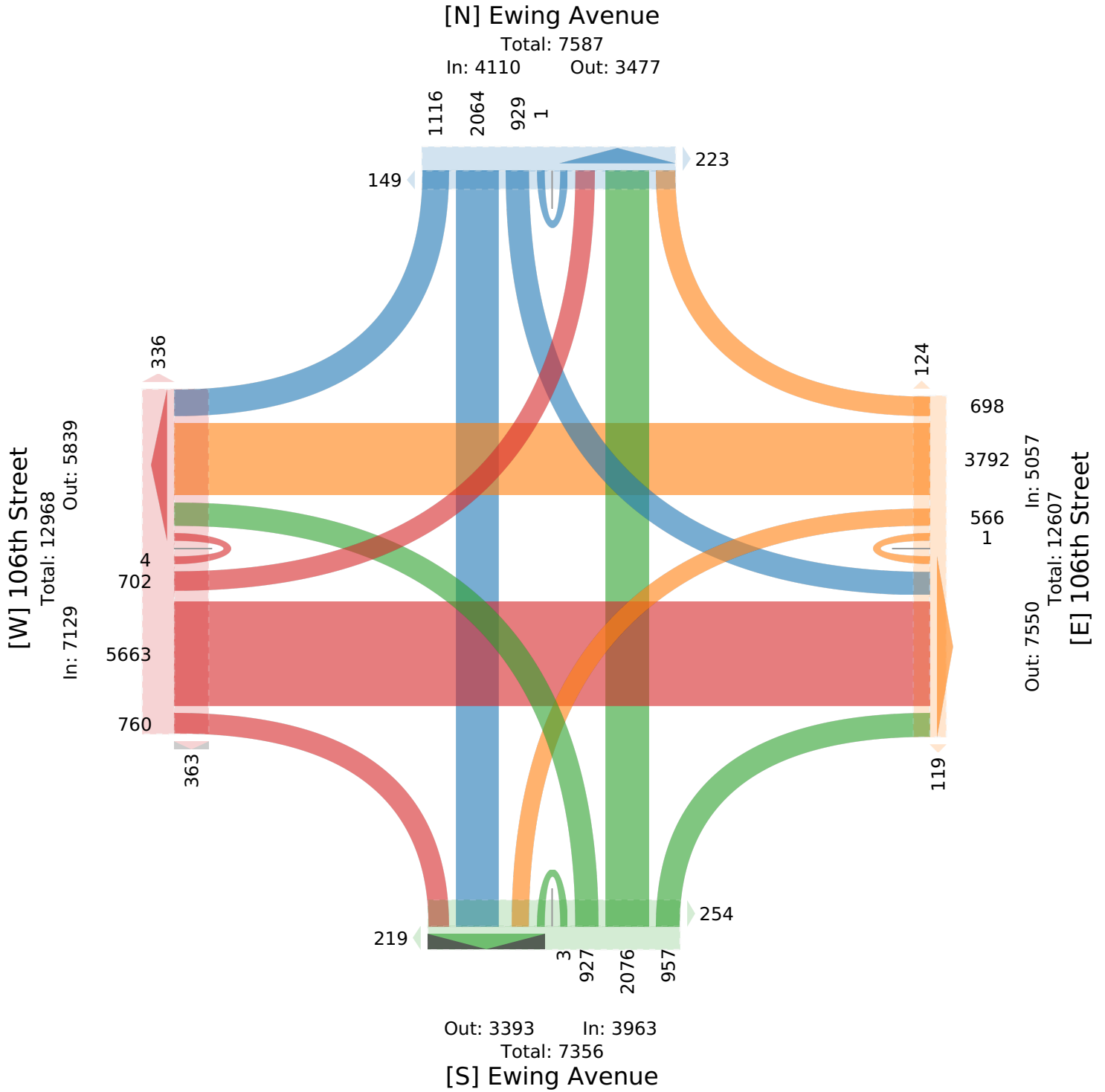
All Movements

ID: 1095614, Location: 41.702743, -87.535293

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

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Ewing Avenue - 106th Street - TMC

Tue Aug 1, 2023

AM Peak (Aug 01 2023 10AM - 11 AM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1095614, Location: 41.702743, -87.535293

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Leg Direction	Ewing Avenue Southbound						106th Street Westbound						Ewing Avenue Northbound						106th Street Eastbound						Int
Time	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	
2023-08-01 10:00AM	16	25	14	0	55	4	11	39	14	0	64	5	14	19	14	0	47	12	10	78	17	0	105	10	271
10:15AM	17	30	11	0	58	5	6	35	11	0	52	4	18	33	9	1	61	15	10	85	9	0	104	10	275
10:30AM	12	23	9	0	44	4	4	44	3	0	51	8	11	23	21	0	55	17	14	71	13	0	98	12	248
10:45AM	12	28	17	0	57	8	13	52	9	0	74	8	6	30	6	0	42	13	6	72	6	0	84	18	257
Total	57	106	51	0	214	21	34	170	37	0	241	25	49	105	50	1	205	57	40	306	45	0	391	50	1051
% Approach	26.6%	49.5%	23.8%	0%	-	-	14.1%	70.5%	15.4%	0%	-	-	23.9%	51.2%	24.4%	0.5%	-	-	10.2%	78.3%	11.5%	0%	-	-	-
% Total	5.4%	10.1%	4.9%	0%	20.4%	-	3.2%	16.2%	3.5%	0%	22.9%	-	4.7%	10.0%	4.8%	0.1%	19.5%	-	3.8%	29.1%	4.3%	0%	37.2%	-	-
PHF	0.824	0.905	0.750	-	0.930	-	0.654	0.817	0.661	-	0.814	-	0.681	0.831	0.595	0.250	0.860	-	0.714	0.900	0.662	-	0.931	-	0.962
Lights	54	100	51	0	205	-	34	152	36	0	222	-	47	96	48	1	192	-	38	283	40	0	361	-	980
% Lights	94.7%	94.3%	100%	0%	95.8%	-	100%	89.4%	97.3%	0%	92.1%	-	95.9%	91.4%	96.0%	100%	93.7%	-	95.0%	92.5%	88.9%	0%	92.3%	-	93.2%
Single-Unit Trucks	1	2	0	0	3	-	0	8	1	0	9	-	2	3	1	0	6	-	2	8	0	0	10	-	28
% Single-Unit Trucks	1.8%	1.9%	0%	0%	1.4%	-	0%	4.7%	2.7%	0%	3.7%	-	4.1%	2.9%	2.0%	0%	2.9%	-	5.0%	2.6%	0%	0%	2.6%	-	2.7%
Articulated Trucks	1	0	0	0	1	-	0	9	0	0	9	-	0	0	1	0	1	-	0	15	2	0	17	-	28
% Articulated Trucks	1.8%	0%	0%	0%	0.5%	-	0%	5.3%	0%	0%	3.7%	-	0%	0%	2.0%	0%	0.5%	-	0%	4.9%	4.4%	0%	4.3%	-	2.7%
Buses	0	3	0	0	3	-	0	1	0	0	1	-	0	4	0	0	4	-	0	0	3	0	3	-	11
% Buses	0%	2.8%	0%	0%	1.4%	-	0%	0.6%	0%	0%	0.4%	-	0%	3.8%	0%	0%	2.0%	-	0%	0%	6.7%	0%	0.8%	-	1.0%
Bicycles on Road	1	1	0	0	2	-	0	0	0	0	0	-	0	2	0	0	2	-	0	0	0	0	0	-	4
% Bicycles on Road	1.8%	0.9%	0%	0%	0.9%	-	0%	0%	0%	0%	0%	-	0%	1.9%	0%	0%	1.0%	-	0%	0%	0%	0%	0%	-	0.4%
Pedestrians	-	-	-	-	-	19	-	-	-	-	-	25	-	-	-	-	-	53	-	-	-	-	-	50	
% Pedestrians	-	-	-	-	-	90.5%	-	-	-	-	-	100%	-	-	-	-	-	93.0%	-	-	-	-	-	100%	
Bicycles on Crosswalk	-	-	-	-	-	2	-	-	-	-	-	0	-	-	-	-	-	4	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	9.5%	-	-	-	-	-	0%	-	-	-	-	-	7.0%	-	-	-	-	-	0%	

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Ewing Avenue - 106th Street - TMC

Tue Aug 1, 2023

AM Peak (Aug 01 2023 10AM - 11 AM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

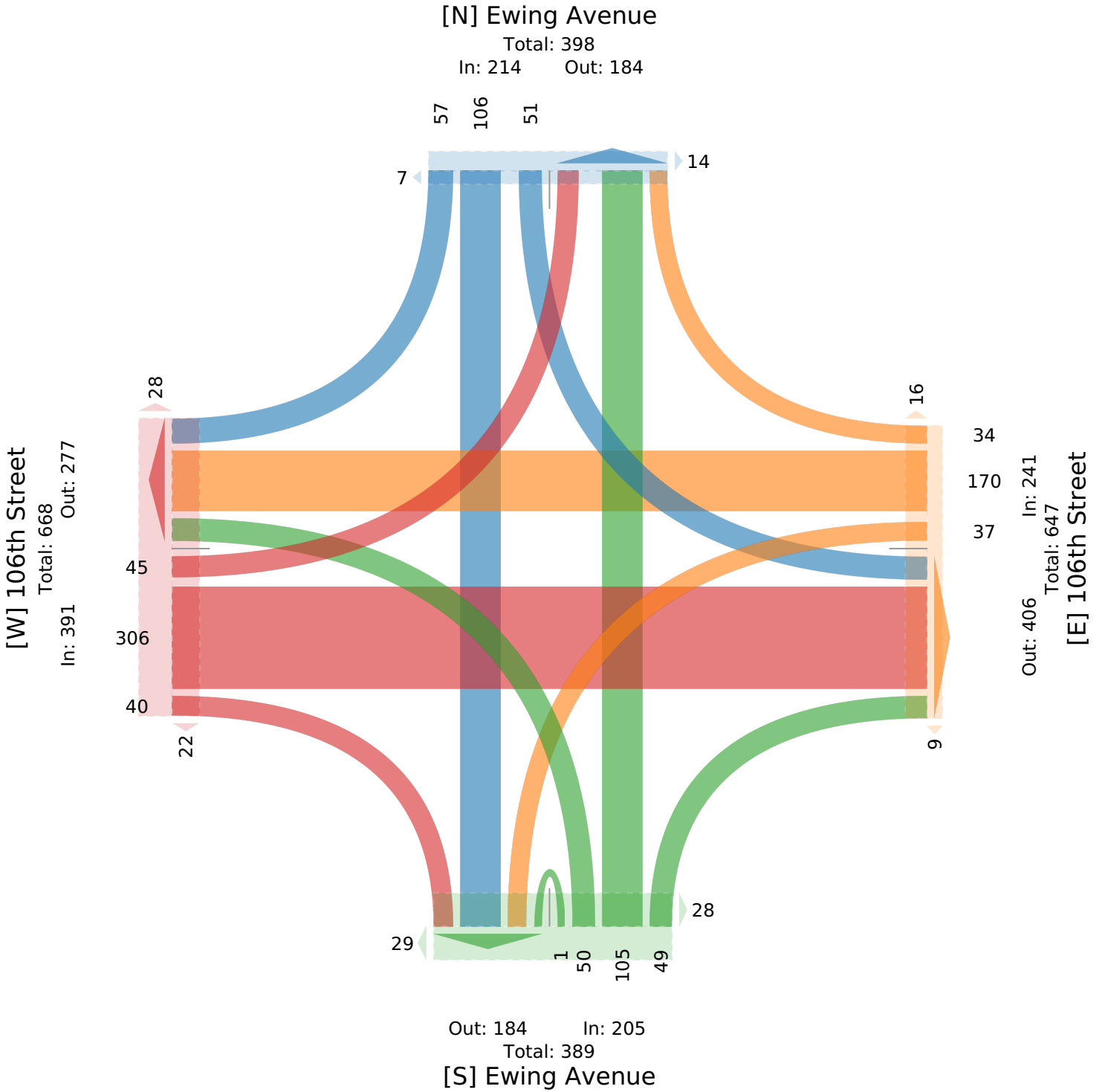
All Movements

ID: 1095614, Location: 41.702743, -87.535293

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1950 N Washington Street, Suite 211,

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Ewing Avenue - 106th Street - TMC

Tue Aug 1, 2023

Midday Peak (Aug 01 2023 1PM - 2 PM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

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Leg Direction	Ewing Avenue Southbound						106th Street Westbound						Ewing Avenue Northbound						106th Street Eastbound						
Time	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	Int
2023-08-01 1:00PM	18	31	19	0	68	7	11	55	10	0	76	4	24	32	17	0	73	14	16	93	5	0	114	17	331
1:15PM	14	27	10	0	51	14	10	61	12	0	83	7	18	31	15	0	64	6	17	87	11	0	115	18	313
1:30PM	12	32	10	0	54	7	18	50	10	0	78	2	25	35	16	0	76	9	15	89	9	0	113	18	321
1:45PM	22	33	14	0	69	8	8	59	8	0	75	8	20	28	20	0	68	13	11	83	13	0	107	10	319
Total	66	123	53	0	242	36	47	225	40	0	312	21	87	126	68	0	281	42	59	352	38	0	449	63	1284
% Approach	27.3%	50.8%	21.9%	0%	-	-	15.1%	72.1%	12.8%	0%	-	-	31.0%	44.8%	24.2%	0%	-	-	13.1%	78.4%	8.5%	0%	-	-	-
% Total	5.1%	9.6%	4.1%	0%	18.8%	-	3.7%	17.5%	3.1%	0%	24.3%	-	6.8%	9.8%	5.3%	0%	21.9%	-	4.6%	27.4%	3.0%	0%	35.0%	-	-
PHF	0.774	0.932	0.697	-	0.886	-	0.653	0.922	0.833	-	0.940	-	0.870	0.912	0.850	-	0.930	-	0.853	0.946	0.731	-	0.974	-	0.973
Lights	56	117	51	0	224	-	45	198	40	0	283	-	85	117	67	0	269	-	57	326	35	0	418	-	1194
% Lights	84.8%	95.1%	96.2%	0%	92.6%	-	95.7%	88.0%	100%	0%	90.7%	-	97.7%	92.9%	98.5%	0%	95.7%	-	96.6%	92.6%	92.1%	0%	93.1%	-	93.0%
Single-Unit Trucks	1	2	2	0	5	-	2	7	0	0	9	-	2	4	1	0	7	-	1	5	1	0	7	-	28
% Single-Unit Trucks	1.5%	1.6%	3.8%	0%	2.1%	-	4.3%	3.1%	0%	0%	2.9%	-	2.3%	3.2%	1.5%	0%	2.5%	-	1.7%	1.4%	2.6%	0%	1.6%	-	2.2%
Articulated Trucks	8	1	0	0	9	-	0	20	0	0	20	-	0	0	0	0	0	-	0	21	0	0	21	-	50
% Articulated Trucks	12.1%	0.8%	0%	0%	3.7%	-	0%	8.9%	0%	0%	6.4%	-	0%	0%	0%	0%	0%	-	0%	6.0%	0%	0%	4.7%	-	3.9%
Buses	0	3	0	0	3	-	0	0	0	0	0	-	0	3	0	0	3	-	0	0	2	0	2	-	8
% Buses	0%	2.4%	0%	0%	1.2%	-	0%	0%	0%	0%	0%	-	0%	2.4%	0%	0%	1.1%	-	0%	0%	5.3%	0%	0.4%	-	0.6%
Bicycles on Road	1	0	0	0	1	-	0	0	0	0	0	-	0	2	0	0	2	-	1	0	0	0	1	-	4
% Bicycles on Road	1.5%	0%	0%	0%	0.4%	-	0%	0%	0%	0%	0%	-	0%	1.6%	0%	0%	0.7%	-	1.7%	0%	0%	0%	0.2%	-	0.3%
Pedestrians	-	-	-	-	-	36	-	-	-	-	-	21	-	-	-	-	-	41	-	-	-	-	-	-	59
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	97.6%	-	-	-	-	-	-	93.7%
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	-	4
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	2.4%	-	-	-	-	-	-	6.3%

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Ewing Avenue - 106th Street - TMC

Tue Aug 1, 2023

Midday Peak (Aug 01 2023 1PM - 2 PM)

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

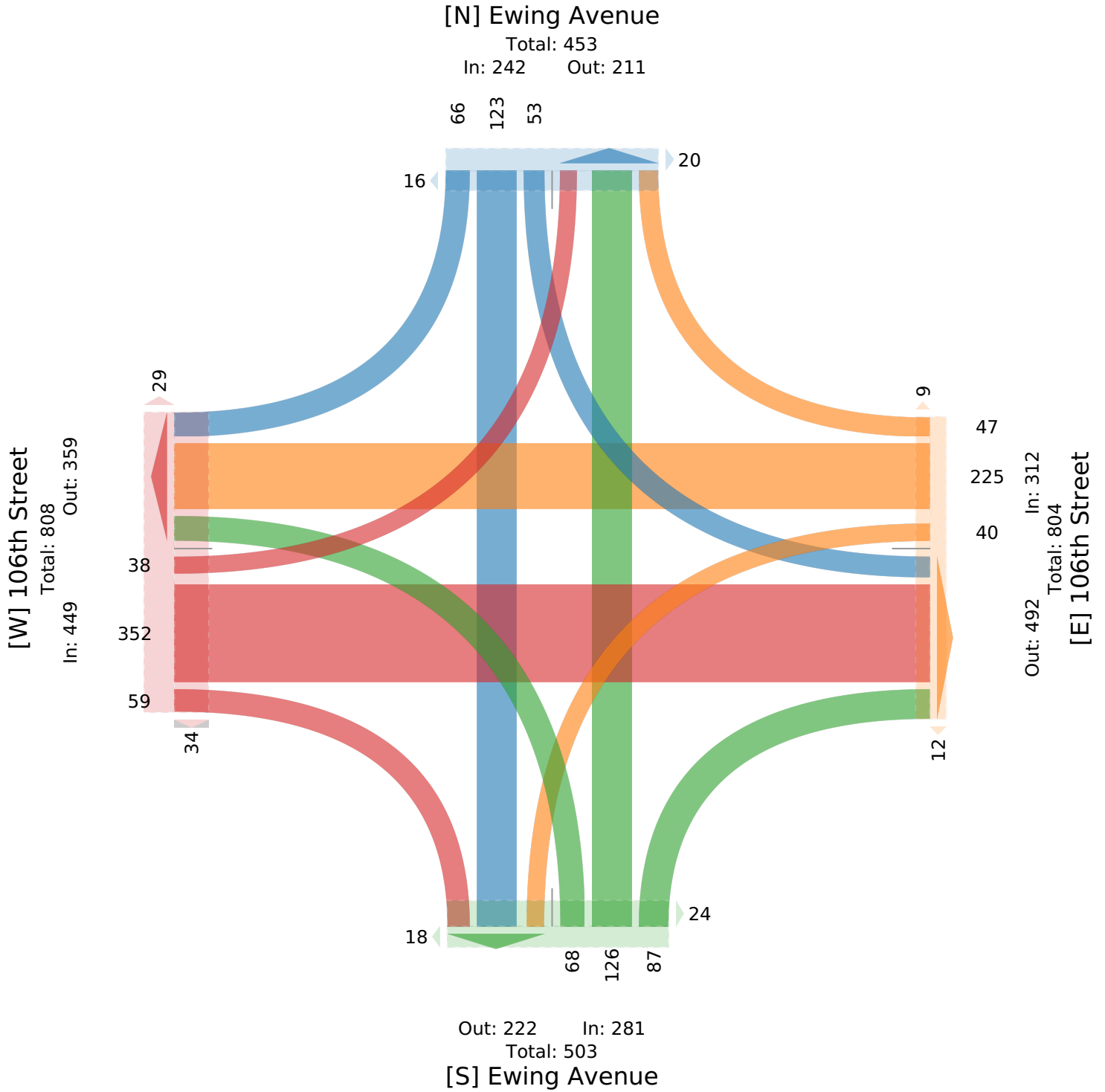
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Ewing Avenue - 106th Street - TMC

Tue Aug 1, 2023

PM Peak (Aug 01 2023 4:45PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

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Naperville, IL, 60563, US

Leg Direction	Ewing Avenue Southbound						106th Street Westbound						Ewing Avenue Northbound						106th Street Eastbound						Int
	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	
2023-08-01 4:45PM	23	48	31	0	102	6	15	75	9	0	99	5	26	53	9	0	88	16	8	92	5	0	105	15	394
5:00PM	16	64	34	0	114	8	15	64	10	0	89	2	24	22	18	0	64	6	12	74	16	0	102	13	369
5:15PM	17	53	25	0	95	3	11	71	11	0	93	1	16	43	8	0	67	9	6	93	8	0	107	11	362
5:30PM	21	56	21	0	98	8	15	69	18	0	102	4	18	37	15	0	70	14	14	86	6	0	106	19	376
Total	77	221	111	0	409	25	56	279	48	0	383	12	84	155	50	0	289	45	40	345	35	0	420	58	1501
% Approach	18.8%	54.0%	27.1%	0%	-	-	14.6%	72.8%	12.5%	0%	-	-	29.1%	53.6%	17.3%	0%	-	-	9.5%	82.1%	8.3%	0%	-	-	-
% Total	5.1%	14.7%	7.4%	0%	27.2%	-	3.7%	18.6%	3.2%	0%	25.5%	-	5.6%	10.3%	3.3%	0%	19.3%	-	2.7%	23.0%	2.3%	0%	28.0%	-	-
PHF	0.826	0.873	0.816	-	0.900	-	0.933	0.930	0.667	-	0.939	-	0.808	0.731	0.694	-	0.821	-	0.714	0.927	0.547	-	0.981	-	0.951
Lights	71	216	111	0	398	-	56	269	48	0	373	-	82	152	50	0	284	-	40	332	34	0	406	-	1461
% Lights	92.2%	97.7%	100%	0%	97.3%	-	100%	96.4%	100%	0%	97.4%	-	97.6%	98.1%	100%	0%	98.3%	-	100%	96.2%	97.1%	0%	96.7%	-	97.3%
Single-Unit Trucks	2	0	0	0	2	-	0	2	0	0	2	-	0	0	0	0	0	-	0	2	0	0	2	-	6
% Single-Unit Trucks	2.6%	0%	0%	0%	0.5%	-	0%	0.7%	0%	0%	0.5%	-	0%	0%	0%	0%	0%	-	0%	0.6%	0%	0%	0.5%	-	0.4%
Articulated Trucks	0	0	0	0	0	-	0	6	0	0	6	-	0	0	0	0	0	-	0	8	0	0	8	-	14
% Articulated Trucks	0%	0%	0%	0%	0%	-	0%	2.2%	0%	0%	1.6%	-	0%	0%	0%	0%	0%	-	0%	2.3%	0%	0%	1.9%	-	0.9%
Buses	3	4	0	0	7	-	0	2	0	0	2	-	2	3	0	0	5	-	0	3	1	0	4	-	18
% Buses	3.9%	1.8%	0%	0%	1.7%	-	0%	0.7%	0%	0%	0.5%	-	2.4%	1.9%	0%	0%	1.7%	-	0%	0.9%	2.9%	0%	1.0%	-	1.2%
Bicycles on Road	1	1	0	0	2	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	2
% Bicycles on Road	1.3%	0.5%	0%	0%	0.5%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.1%
Pedestrians	-	-	-	-	-	25	-	-	-	-	-	10	-	-	-	-	-	45	-	-	-	-	-	58	
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	83.3%	-	-	-	-	-	100%	-	-	-	-	-	100%	
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	0	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	16.7%	-	-	-	-	-	0%	-	-	-	-	-	0%	

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Ewing Avenue - 106th Street - TMC

Tue Aug 1, 2023

PM Peak (Aug 01 2023 4:45PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

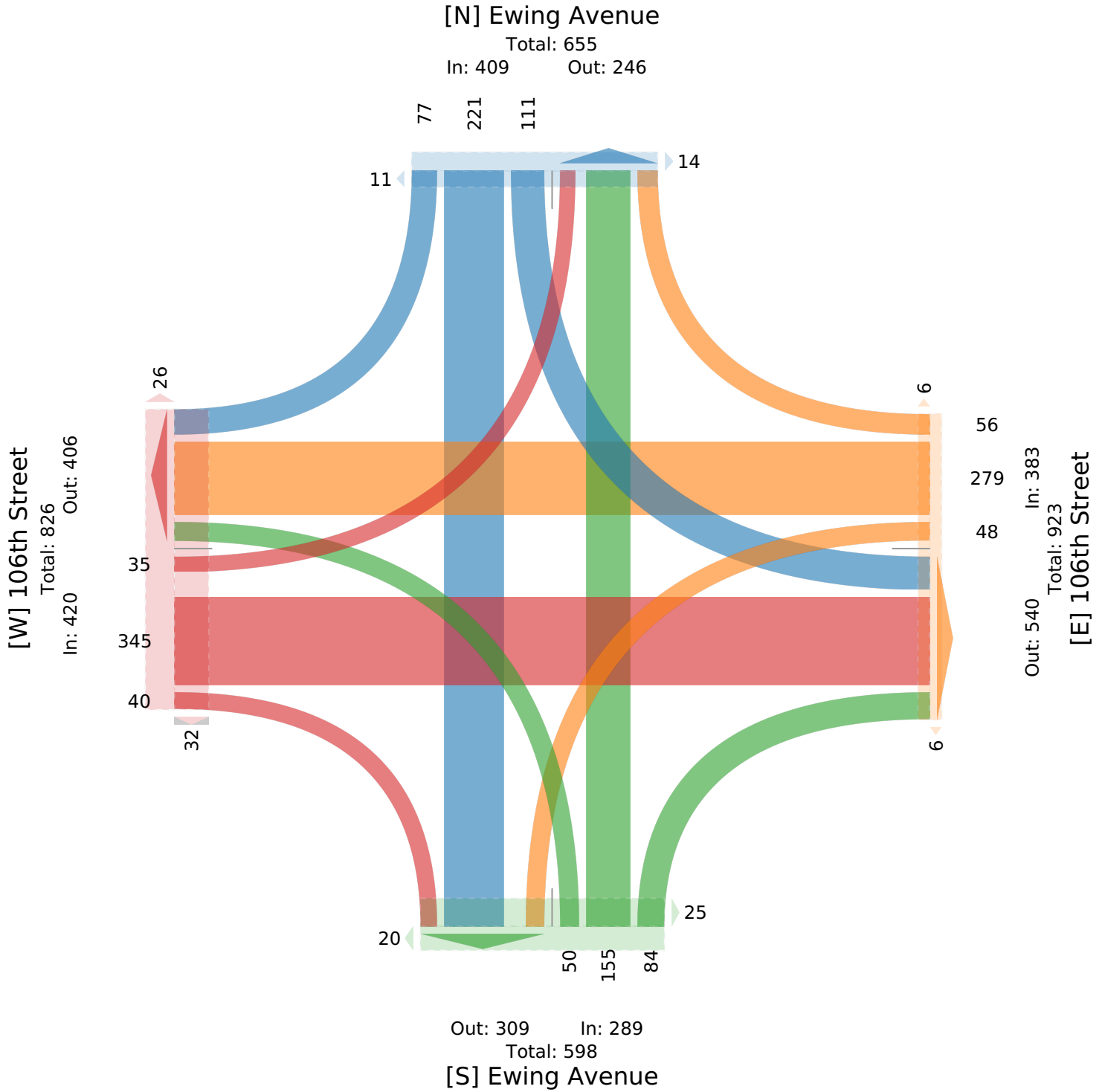
All Movements

ID: 1095614, Location: 41.702743, -87.535293

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

Naperville, IL, 60563, US



Fish Transportation Group

1950 N Washington Street
Suite 211
Naperville, Illinois 60563

Ewing Avenue - 106th Street

08-01-23

Groups Printed- Articulated Trucks

Start Time	Ewing Avenue From North				106th Street From East				Ewing Avenue From South				106th Street From West				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
10:00 AM	1	0	0	0	0	9	0	0	0	0	1	0	0	15	2	0	28
11:00 AM	5	0	0	0	0	16	0	0	0	0	0	0	1	18	4	0	44
12:00 PM	2	0	1	0	0	16	0	0	1	0	1	0	0	19	1	0	41
01:00 PM	8	1	0	0	0	20	0	0	0	0	0	0	0	21	0	0	50
02:00 PM	1	0	0	0	0	12	0	0	0	0	0	0	0	16	1	0	30
03:00 PM	1	0	0	0	0	6	1	0	0	1	0	0	0	6	0	0	15
04:00 PM	0	0	0	0	0	11	0	0	0	0	0	0	0	5	0	0	16
05:00 PM	0	0	0	0	0	3	0	0	0	0	0	0	0	9	0	0	12
06:00 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	5	0	0	7
07:00 PM	1	0	0	0	0	11	0	0	0	0	0	0	0	3	0	0	15
08:00 PM	0	0	0	0	0	14	0	0	0	0	0	0	0	18	0	0	32
09:00 PM	1	0	0	0	0	14	0	0	0	0	0	0	0	12	0	0	27
10:00 PM	1	0	0	0	0	12	0	0	0	0	0	0	0	16	0	0	29
11:00 PM	3	0	0	0	0	14	0	0	0	0	0	0	0	19	0	0	36
12:00 AM	1	0	0	0	0	18	0	0	0	0	0	0	0	15	1	0	35
01:00 AM	0	0	0	0	0	16	0	0	0	0	0	0	0	18	0	0	34
02:00 AM	1	1	0	0	0	7	0	0	0	0	1	0	0	15	0	0	25
03:00 AM	1	0	0	0	0	12	0	0	0	0	0	0	0	15	0	0	28
04:00 AM	0	0	0	0	1	11	0	0	0	0	0	0	0	19	0	0	31
05:00 AM	1	0	0	0	0	3	0	0	0	0	0	0	0	7	1	0	12
06:00 AM	1	0	0	0	0	7	0	0	0	0	0	0	0	13	2	0	23
07:00 AM	8	0	0	0	1	12	1	0	0	0	1	0	3	16	8	0	50
08:00 AM	4	0	1	0	0	15	1	0	0	0	1	0	0	11	5	0	38
09:00 AM	8	0	0	0	1	14	0	0	0	1	0	0	0	20	7	0	51
Grand Total	49	2	2	0	3	275	3	0	1	2	5	0	4	331	32	0	709
Apprch %	92.5	3.8	3.8	0	1.1	97.9	1.1	0	12.5	25	62.5	0	1.1	90.2	8.7	0	
Total %	6.9	0.3	0.3	0	0.4	38.8	0.4	0	0.1	0.3	0.7	0	0.6	46.7	4.5	0	

Fish Transportation Group

1950 N Washington Street
Suite 211
Naperville, Illinois 60563

Ewing Avenue - 106th Street

08-01-23

Groups Printed- Unit Trucks - Articulated Trucks

Start Time	Ewing Avenue From North				106th Street From East				Ewing Avenue From South				106th Street From West				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
10:00 AM	2	2	0	0	0	17	1	0	2	3	2	0	2	23	2	0	56
11:00 AM	5	0	0	0	0	18	0	0	0	1	0	0	3	26	4	0	57
12:00 PM	2	1	2	0	1	22	1	0	3	2	1	0	0	29	1	0	65
01:00 PM	9	3	2	0	2	27	0	0	2	4	1	0	1	26	1	0	78
02:00 PM	3	1	1	0	1	15	0	0	2	0	1	0	0	18	1	0	43
03:00 PM	2	0	0	0	0	7	2	0	0	1	0	0	1	7	0	0	20
04:00 PM	1	0	0	0	0	15	0	0	0	1	2	0	0	7	0	0	26
05:00 PM	1	0	0	0	0	6	0	0	0	0	0	0	0	11	0	0	18
06:00 PM	0	1	0	0	0	2	1	0	0	0	2	0	0	7	1	0	14
07:00 PM	1	0	0	0	0	13	1	0	1	0	0	0	0	3	1	0	20
08:00 PM	0	0	0	0	0	15	1	0	0	0	0	0	0	18	0	0	34
09:00 PM	1	0	0	0	0	16	1	0	0	0	0	0	0	16	0	0	34
10:00 PM	1	0	0	0	0	12	0	0	0	0	0	0	0	16	0	0	29
11:00 PM	3	0	0	0	0	15	1	0	2	0	0	0	0	20	1	0	42
12:00 AM	1	0	0	0	0	19	0	0	0	0	0	0	0	15	1	0	36
01:00 AM	0	0	0	0	0	16	0	0	0	0	0	0	0	18	0	0	34
02:00 AM	1	2	0	0	0	7	0	0	0	0	1	0	0	15	0	0	26
03:00 AM	1	1	0	0	0	13	0	0	0	0	0	0	0	15	0	0	30
04:00 AM	0	0	0	0	1	11	0	0	0	0	0	0	0	19	0	0	31
05:00 AM	2	0	0	0	1	5	0	0	0	0	0	0	0	13	1	0	22
06:00 AM	3	3	1	0	0	8	0	0	2	0	2	0	3	15	3	0	40
07:00 AM	10	1	0	0	1	15	3	0	2	2	1	0	8	20	10	0	73
08:00 AM	4	1	2	0	1	18	2	0	2	0	2	0	2	21	6	0	61
09:00 AM	8	1	0	0	2	23	2	0	2	4	0	0	3	28	8	0	81
Grand Total	61	17	8	0	10	335	16	0	20	18	15	0	23	406	41	0	970
Apprch %	70.9	19.8	9.3	0	2.8	92.8	4.4	0	37.7	34	28.3	0	4.9	86.4	8.7	0	
Total %	6.3	1.8	0.8	0	1	34.5	1.6	0	2.1	1.9	1.5	0	2.4	41.9	4.2	0	
Single-Unit Trucks	12	15	6	0	7	60	13	0	19	16	10	0	19	75	9	0	261
% Single-Unit Trucks	19.7	88.2	75	0	70	17.9	81.2	0	95	88.9	66.7	0	82.6	18.5	22	0	26.9
Articulated Trucks	49	2	2	0	3	275	3	0	1	2	5	0	4	331	32	0	709
% Articulated Trucks	80.3	11.8	25	0	30	82.1	18.8	0	5	11.1	33.3	0	17.4	81.5	78	0	73.1