

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



COUNT LOCATION: S. Torrence Avenue, south of E. 130th Street
Hegewisch

COUNT DATE: 08-01-2023

COUNT TYPE: 24-Hour Average Daily Traffic/Automatic Traffic Recorder

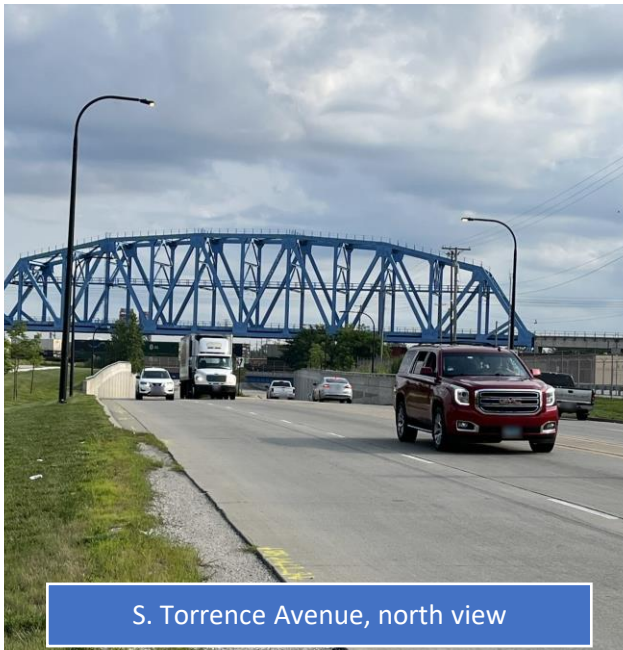
PROJECT LOCATION MAP



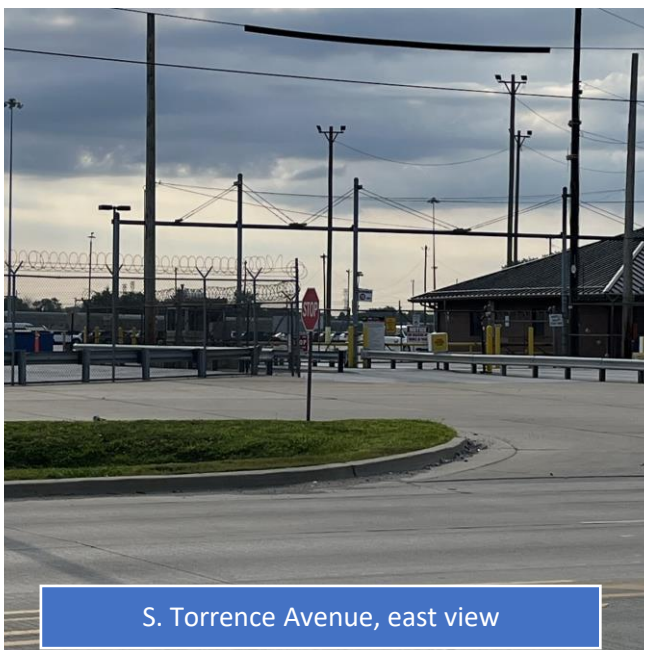
COUNT TYPE: 24-Hour Average Daily Traffic

Average Daily Traffic Counts (ADT), also referred to by Miovision as ATRs – Automatic Traffic Recorder (ATR) counts are used to capture the volume of vehicles that travel on a roadway over a given period of time. ADTs count all vehicles that travel through a specific point of a road over a short duration time period and are representative only of the time period and type of traffic volumes included. ADT is a standard measure of traffic volume used for traffic monitoring and forecasting.

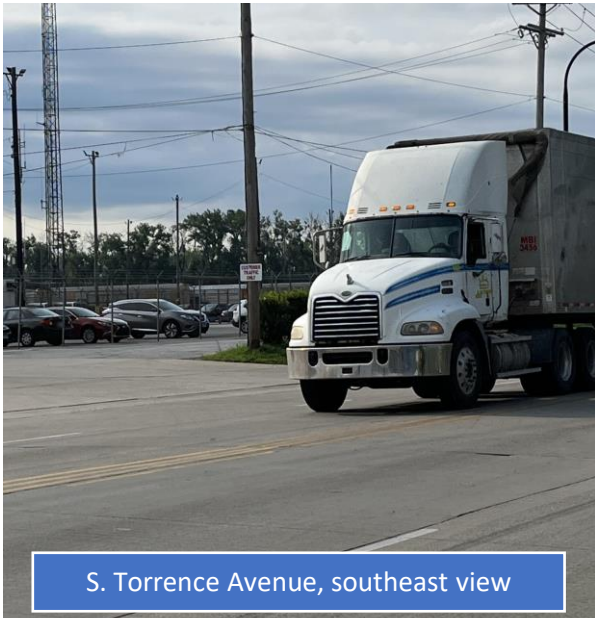
SITE PHOTOS



S. Torrence Avenue, north view



S. Torrence Avenue, east view



S. Torrence Avenue, southeast view



Miovision Camera deployment

SUMMARY DATA REPORTS

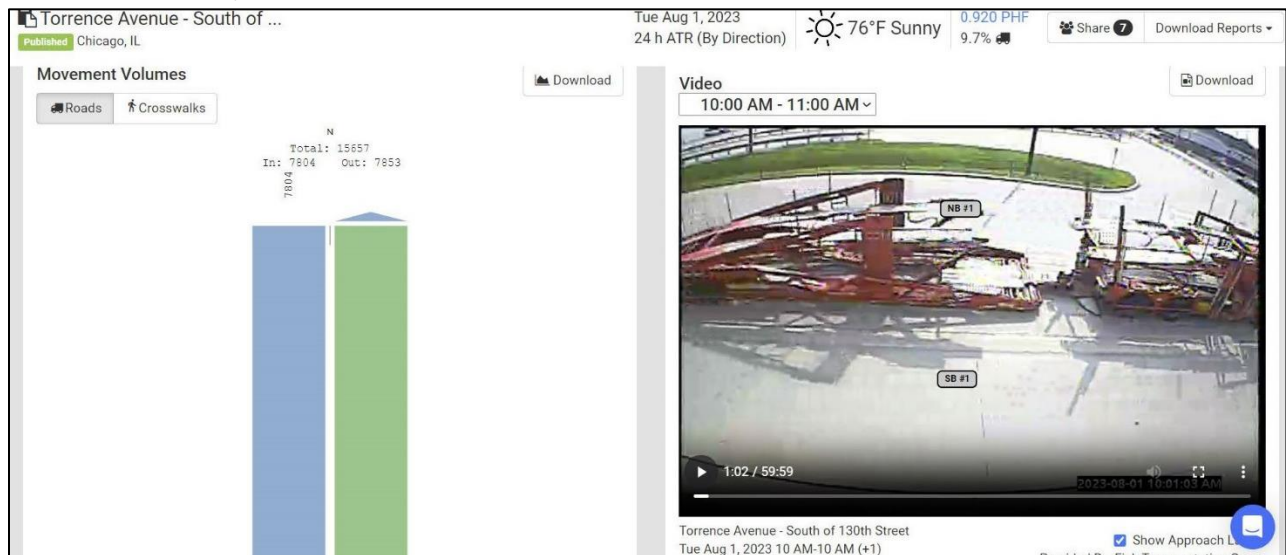
Truck traffic data was collected utilizing Miovision Scout video data collection (cameras). Video data was collected for a 24-hour period on a typical, non-holiday weekday. Miovision DataLink was used to generate reports and data visualizations to analyze traffic and truck count data. In addition, FTG 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
2. Intersection data plot (movement visualization) showing Intersection diagram (vehicles entering and exiting the intersection)

Example from Miovision Datalink Portal
S. Torrence Avenue, south of E. 130th St.



FTG Summary Reports

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

- Hourly truck volumes, tabulated by
 - Hour
 - Direction
 - Truck classification

Both Miovision and FTG reports are attached below.

Torrence Avenue - South of 130th Street - ATR

Tue Aug 1, 2023

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

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

All Channels

ID: 1095612, Location: 41.655022, -87.559296

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

Naperville, IL, 60563, US

Leg Direction	North Southbound		South Northbound		
Time	T	App	T	App	Int
2023-08-01 10:00AM	443	443	400	400	843
11:00AM	530	530	429	429	959
12:00PM	487	487	480	480	967
1:00PM	431	431	438	438	869
2:00PM	448	448	417	417	865
3:00PM	594	594	516	516	1110
4:00PM	909	909	618	618	1527
5:00PM	616	616	828	828	1444
6:00PM	451	451	427	427	878
7:00PM	352	352	353	353	705
8:00PM	288	288	315	315	603
9:00PM	204	204	236	236	440
10:00PM	159	159	178	178	337
11:00PM	180	180	137	137	317
2023-08-02 12:00AM	125	125	114	114	239
1:00AM	108	108	84	84	192
2:00AM	87	87	66	66	153
3:00AM	96	96	66	66	162
4:00AM	264	264	142	142	406
5:00AM	314	314	667	667	981
6:00AM	274	274	392	392	666
7:00AM	326	326	377	377	703
8:00AM	311	311	354	354	665
9:00AM	317	317	295	295	612
Total	8314	8314	8329	8329	16643
% Approach	100%	-	100%	-	-
% Total	50.0%	50.0%	50.0%	50.0%	-
Lights	7480	7480	7545	7545	15025
% Lights	90.0%	90.0%	90.6%	90.6%	90.3%
Single-Unit Trucks	306	306	285	285	591
% Single-Unit Trucks	3.7%	3.7%	3.4%	3.4%	3.6%
Articulated Trucks	510	510	476	476	986
% Articulated Trucks	6.1%	6.1%	5.7%	5.7%	5.9%
Buses	15	15	21	21	36
% Buses	0.2%	0.2%	0.3%	0.3%	0.2%
Bicycles on Road	3	3	2	2	5
% Bicycles on Road	0%	0%	0%	0%	0%

*T: Thru

Torrence Avenue - South of 130th Street - ATR

Tue Aug 1, 2023

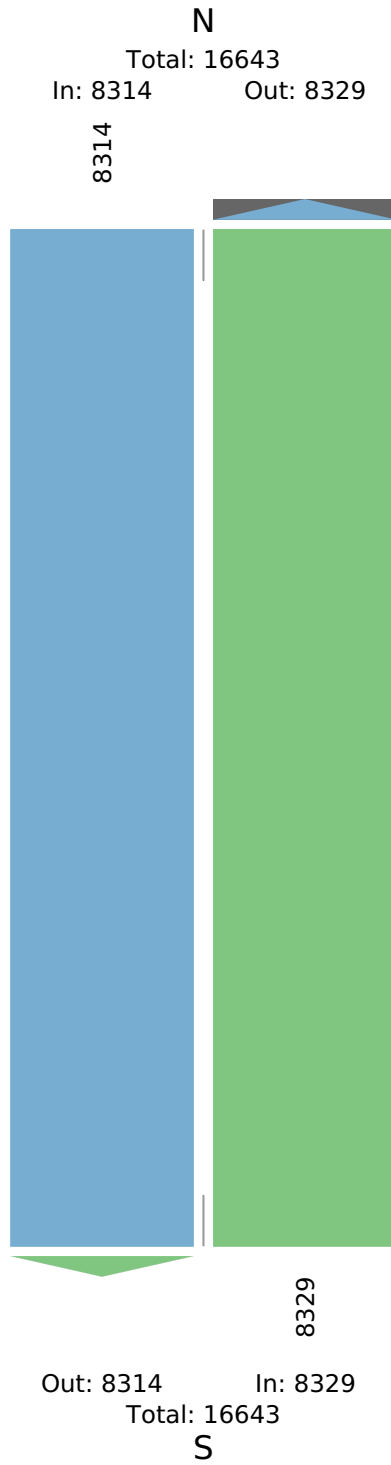
Full Length (10 AM-10 AM (+1))

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

All Channels

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Torrence Avenue - South of 130th Street - ATR

Tue Aug 1, 2023

Midday Peak (Aug 01 2023 11:15AM - 12:15 PM)

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

All Channels

ID: 1095612, Location: 41.655022, -87.559296

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

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Leg Direction	North Southbound		South Northbound		
Time	T	App	T	App	Int
2023-08-01 11:15AM	134	134	96	96	230
11:30AM	151	151	114	114	265
11:45AM	139	139	111	111	250
12:00PM	127	127	141	141	268
Total	551	551	462	462	1013
% Approach	100%	-	100%	-	-
% Total	54.4%	54.4%	45.6%	45.6%	-
PHF	0.911	0.911	0.819	0.819	0.944
Lights	487	487	435	435	922
% Lights	88.4%	88.4%	94.2%	94.2%	91.0%
Single-Unit Trucks	22	22	9	9	31
% Single-Unit Trucks	4.0%	4.0%	1.9%	1.9%	3.1%
Articulated Trucks	40	40	18	18	58
% Articulated Trucks	7.3%	7.3%	3.9%	3.9%	5.7%
Buses	1	1	0	0	1
% Buses	0.2%	0.2%	0%	0%	0.1%
Bicycles on Road	1	1	0	0	1
% Bicycles on Road	0.2%	0.2%	0%	0%	0.1%

*T: Thru

Torrence Avenue - South of 130th Street - ATR

Tue Aug 1, 2023

Midday Peak (Aug 01 2023 11:15AM - 12:15 PM)

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

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Torrence Avenue - South of 130th Street - ATR

Tue Aug 1, 2023

PM Peak (Aug 01 2023 4:30PM - 5:30 PM) - Overall Peak Hour

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

All Channels

ID: 1095612, Location: 41.655022, -87.559296

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

Naperville, IL, 60563, US

Leg Direction	North Southbound		South Northbound		
Time	T	App	T	App	Int
2023-08-01 4:30PM	273	273	153	153	426
4:45PM	257	257	183	183	440
5:00PM	186	186	207	207	393
5:15PM	148	148	212	212	360
Total	864	864	755	755	1619
% Approach	100%	-	100%	-	-
% Total	53.4%	53.4%	46.6%	46.6%	-
PHF	0.791	0.791	0.890	0.890	0.920
Lights	840	840	736	736	1576
% Lights	97.2%	97.2%	97.5%	97.5%	97.3%
Single-Unit Trucks	9	9	9	9	18
% Single-Unit Trucks	1.0%	1.0%	1.2%	1.2%	1.1%
Articulated Trucks	15	15	9	9	24
% Articulated Trucks	1.7%	1.7%	1.2%	1.2%	1.5%
Buses	0	0	1	1	1
% Buses	0%	0%	0.1%	0.1%	0.1%
Bicycles on Road	0	0	0	0	0
% Bicycles on Road	0%	0%	0%	0%	0%

*T: Thru

Torrence Avenue - South of 130th Street - ATR

Tue Aug 1, 2023

PM Peak (Aug 01 2023 4:30PM - 5:30 PM) - Overall Peak Hour

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

All Channels

ID: 1095612, Location: 41.655022, -87.559296

Provided by: Fish Transportation Group Inc.
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Torrence Avenue - South of 130th Street - ATR

Wed Aug 2, 2023

AM Peak (Aug 02 2023 5:15AM - 6:15 AM)

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

All Channels

ID: 1095612, Location: 41.655022, -87.559296

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

Naperville, IL, 60563, US

Leg Direction	North Southbound		South Northbound		
Time	T	App	T	App	Int
2023-08-02 5:15AM	94	94	126	126	220
5:30AM	69	69	253	253	322
5:45AM	92	92	191	191	283
6:00AM	66	66	94	94	160
Total	321	321	664	664	985
% Approach	100%	-	100%	-	-
% Total	32.6%	32.6%	67.4%	67.4%	-
PHF	0.854	0.854	0.656	0.656	0.765
Lights	284	284	628	628	912
% Lights	88.5%	88.5%	94.6%	94.6%	92.6%
Single-Unit Trucks	19	19	11	11	30
% Single-Unit Trucks	5.9%	5.9%	1.7%	1.7%	3.0%
Articulated Trucks	17	17	24	24	41
% Articulated Trucks	5.3%	5.3%	3.6%	3.6%	4.2%
Buses	1	1	1	1	2
% Buses	0.3%	0.3%	0.2%	0.2%	0.2%
Bicycles on Road	0	0	0	0	0
% Bicycles on Road	0%	0%	0%	0%	0%

*T: Thru

Torrence Avenue - South of 130th Street - ATR

Wed Aug 2, 2023

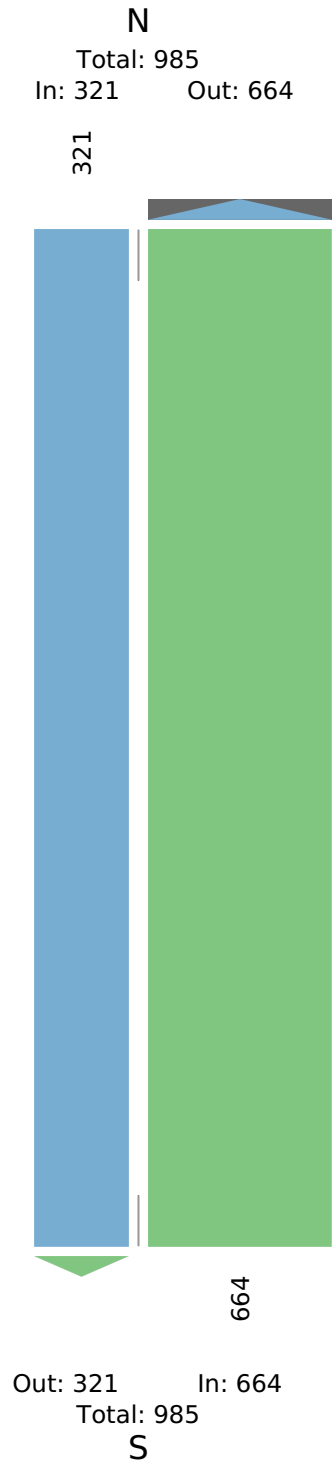
AM Peak (Aug 02 2023 5:15AM - 6:15 AM)

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

All Channels

ID: 1095612, Location: 41.655022, -87.559296

Provided by: Fish Transportation Group Inc.
1950 N Washington Street, Suite 211,
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Fish Transportation Group Inc.
 1950 N Washington Street
 Suite 211
 Naperville, Illinois, United States 60563
 708-660-0305

Count Name: Torrence
 Avenue - South of 130th
 Street
 Site Code:
 Start Date: 08/01/2023
 Page No: 1

Direction (Southbound)

Start Time	Lights	Buses	Single-Unit Trucks	Articulated Trucks	Bicycles on Road	Total
10:00 AM	401	1	14	27	0	443
11:00 AM	469	3	19	38	1	530
12:00 PM	430	2	21	33	1	487
1:00 PM	378	1	19	33	0	431
2:00 PM	407	1	10	29	1	448
3:00 PM	546	2	16	30	0	594
4:00 PM	883	0	6	20	0	909
5:00 PM	579	0	19	18	0	616
6:00 PM	420	0	11	20	0	451
7:00 PM	318	0	18	16	0	352
8:00 PM	256	0	6	26	0	288
9:00 PM	177	0	9	18	0	204
10:00 PM	133	2	6	18	0	159
11:00 PM	153	0	7	20	0	180
08/02/2023 12:00 AM	101	0	7	17	0	125
1:00 AM	84	0	10	14	0	108
2:00 AM	64	0	9	14	0	87
3:00 AM	86	0	4	6	0	96
4:00 AM	246	1	8	9	0	264
5:00 AM	282	0	18	14	0	314
6:00 AM	242	1	13	18	0	274
7:00 AM	294	0	15	17	0	326
8:00 AM	264	0	19	28	0	311
9:00 AM	267	1	22	27	0	317
Total	7480	15	306	510	3	8314
Total %	90.0	0.2	3.7	6.1	0.0	100.0
AM Times	5:00 AM	10:00 AM	9:00 AM	9:00 AM	11:00 AM	5:00 AM
AM Peaks	282	1	22	27	1	314
PM Times	4:00 PM	1:00 PM	1:00 PM	12:00 PM	12:00 PM	4:00 PM
PM Peaks	883	1	19	33	1	909



Fish Transportation Group Inc.
 1950 N Washington Street
 Suite 211
 Naperville, Illinois, United States 60563
 708-660-0305

Count Name: Torrence
 Avenue - South of 130th
 Street
 Site Code:
 Start Date: 08/01/2023
 Page No: 2

Direction (Northbound)

Start Time	Lights	Buses	Single-Unit Trucks	Articulated Trucks	Bicycles on Road	Total
10:00 AM	355	2	19	24	0	400
11:00 AM	403	0	11	15	0	429
12:00 PM	425	0	16	39	0	480
1:00 PM	389	4	21	24	0	438
2:00 PM	388	0	8	21	0	417
3:00 PM	484	2	16	14	0	516
4:00 PM	582	1	15	20	0	618
5:00 PM	806	2	10	10	0	828
6:00 PM	395	1	9	22	0	427
7:00 PM	321	1	13	18	0	353
8:00 PM	291	0	10	14	0	315
9:00 PM	210	0	12	14	0	236
10:00 PM	153	0	8	17	0	178
11:00 PM	122	0	6	9	0	137
08/02/2023 12:00 AM	82	0	9	23	0	114
1:00 AM	61	0	4	19	0	84
2:00 AM	46	0	6	14	0	66
3:00 AM	47	0	6	12	1	66
4:00 AM	120	0	11	11	0	142
5:00 AM	623	1	16	27	0	667
6:00 AM	360	2	8	22	0	392
7:00 AM	337	2	13	24	1	377
8:00 AM	304	1	19	30	0	354
9:00 AM	241	2	19	33	0	295
Total	7545	21	285	476	2	8329
Total %	90.6	0.3	3.4	5.7	0.0	100.0
AM Times	5:00 AM	10:00 AM	9:00 AM	9:00 AM	11:00 AM	5:00 AM
AM Peaks	623	2	19	33	0	667
PM Times	4:00 PM	1:00 PM	1:00 PM	12:00 PM	12:00 PM	4:00 PM
PM Peaks	582	4	21	39	0	618



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Suite 211
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708-660-0305

Count Name: Torrence
Avenue - South of 130th
Street
Site Code:
Start Date: 08/01/2023
Page No: 3

