

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

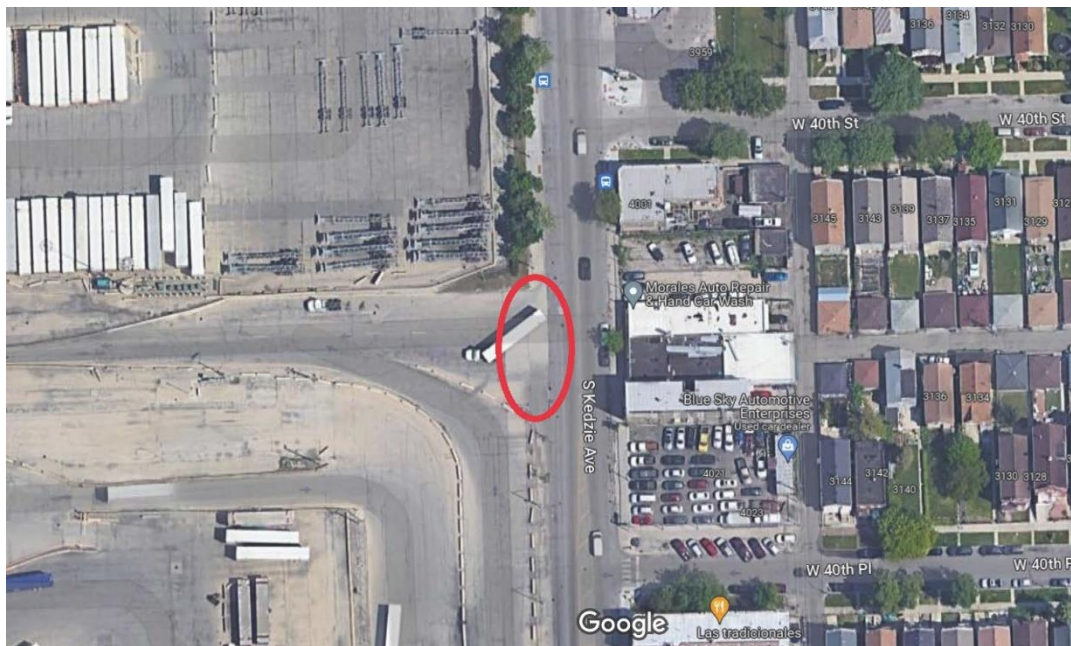


COUNT LOCATION: S. Kedzie Ave., between W. 40th Street &
W. 40th Place / BNSF Corwith Access Drive
Brighton Park

COUNT DATE: 05-16-2023

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

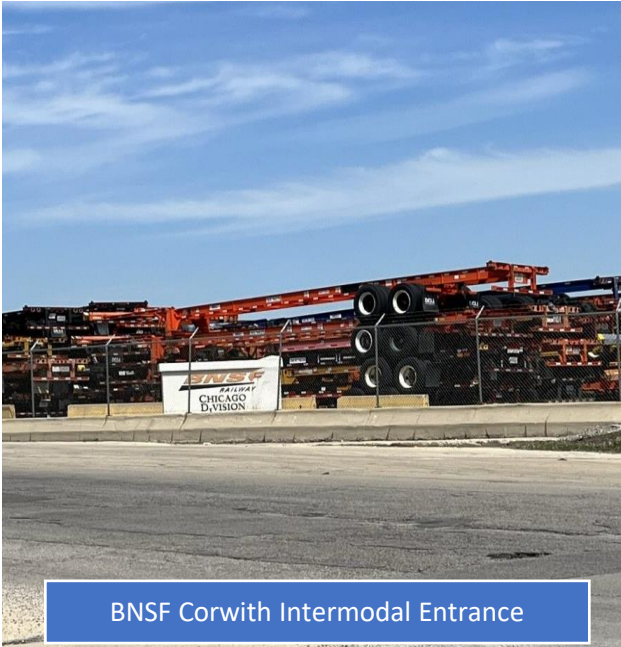
PROJECT LOCATION MAP



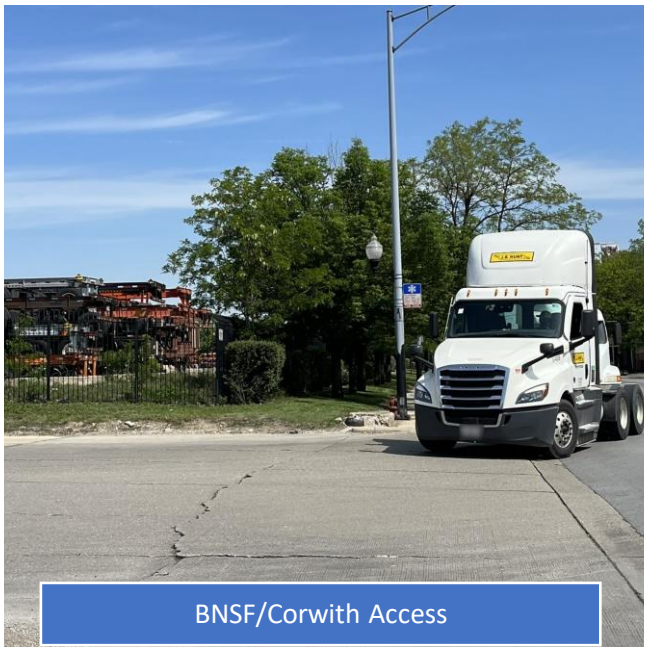
COUNT TYPE: 24-Hour Average Daily Traffic

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



BNSF Corwith Intermodal Entrance



BNSF/Corwith Access



BNSF/Corwith Access



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.

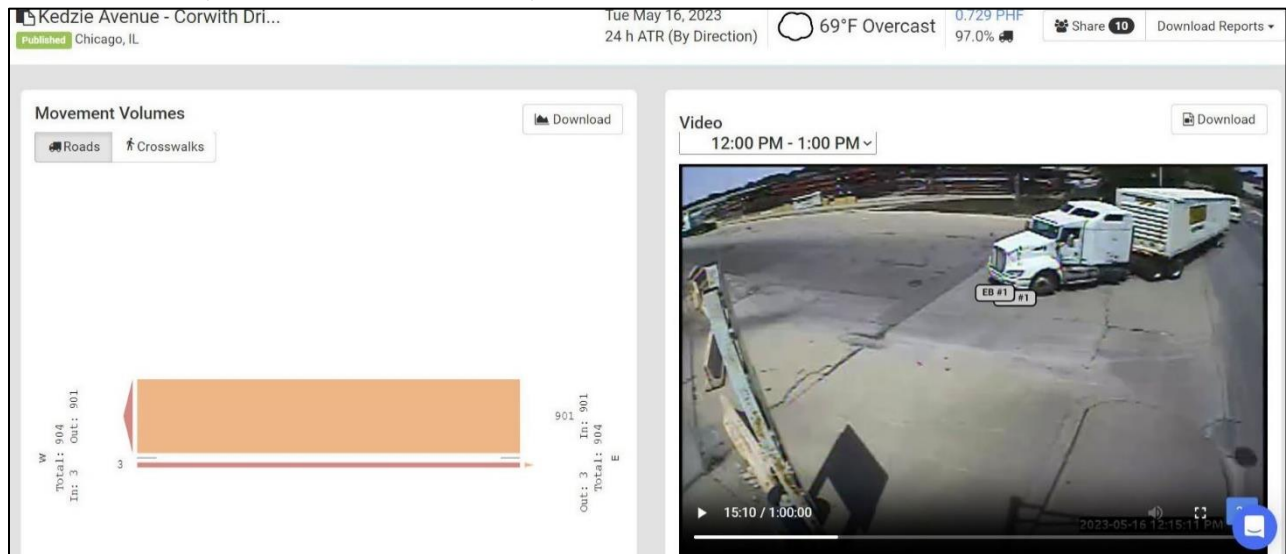
Miovision Datalink Reports

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. Kedzie Avenue/BNSF Corwith access drive, between W. 40th Street & W. 40th Place



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.

Kedzie Avenue - Corwith Driveway btw 40th St... - ATR

Tue May 16, 2023

Full Length (12 PM-12 PM (+1))

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

All Channels

ID: 1070466, Location: 41.820426, -87.704587, Site Code: Kedzie Ave - Corwith Driveway btw 40th St - 40th P

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

Naperville, IL, 60563, US

Leg Direction	East Westbound		West Eastbound		Int	
	T	App	T	App		
Time						
	2023-05-16 12:00PM	61	61	0	0	61
	1:00PM	59	59	0	0	59
	2:00PM	49	49	0	0	49
	3:00PM	30	30	0	0	30
	4:00PM	39	39	0	0	39
	5:00PM	31	31	0	0	31
	6:00PM	27	27	0	0	27
	7:00PM	51	51	0	0	51
	8:00PM	19	19	0	0	19
	9:00PM	24	24	0	0	24
	10:00PM	25	25	0	0	25
	11:00PM	28	28	0	0	28
	2023-05-17 12:00AM	42	42	0	0	42
	1:00AM	31	31	0	0	31
	2:00AM	18	18	0	0	18
	3:00AM	28	28	1	1	29
	4:00AM	29	29	0	0	29
	5:00AM	43	43	0	0	43
	6:00AM	28	28	0	0	28
	7:00AM	27	27	0	0	27
	8:00AM	34	34	0	0	34
	9:00AM	48	48	0	0	48
	10:00AM	69	69	1	1	70
	11:00AM	61	61	1	1	62
	Total	901	901	3	3	904
	% Approach	100%	-	100%	-	-
	% Total	99.7%	99.7%	0.3%	0.3%	-
	Lights	26	26	1	1	27
	% Lights	2.9%	2.9%	33.3%	33.3%	3.0%
	Articulated Trucks	648	648	0	0	648
	% Articulated Trucks	71.9%	71.9%	0%	0%	71.7%
	Buses and Single-Unit Trucks	227	227	2	2	229
	% Buses and Single-Unit Trucks	25.2%	25.2%	66.7%	66.7%	25.3%

*T: Thru

Kedzie Avenue - Corwith Driveway btw 40th St... - ATR

Tue May 16, 2023

Full Length (12 PM-12 PM (+1))

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Kedzie Avenue - Corwith Driveway btw 40th St... - ATR

Tue May 16, 2023

PM Peak (May 16 2023 1:15PM - 2:15 PM)

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

All Channels

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Leg Direction	East Westbound		West Eastbound		Int
	T	App	T	App	
Time					
2023-05-16 1:15PM	16	16	0	0	16
1:30PM	18	18	0	0	18
1:45PM	15	15	0	0	15
2:00PM	16	16	0	0	16
Total	65	65	0	0	65
% Approach	100%	-	0%	-	-
% Total	100%	100%	0%	0%	-
PHF	0.903	0.903	-	-	0.903
Lights	1	1	0	0	1
% Lights	1.5%	1.5%	0%	-	1.5%
Articulated Trucks	52	52	0	0	52
% Articulated Trucks	80.0%	80.0%	0%	-	80.0%
Buses and Single-Unit Trucks	12	12	0	0	12
% Buses and Single-Unit Trucks	18.5%	18.5%	0%	-	18.5%

*T: Thru

Kedzie Avenue - Corwith Driveway btw 40th St... - ATR

Tue May 16, 2023

PM Peak (May 16 2023 1:15PM - 2:15 PM)

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

All Channels

ID: 1070466, Location: 41.820426, -87.704587, Site Code: Kedzie Ave - Corwith Driveway btw 40th St - 40th P

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W
Total: 65
In: 0
Out: 65



65
Out: 0
In: 65
Total: 65
E

Kedzie Avenue - Corwith Driveway btw 40th St... - ATR

Wed May 17, 2023

AM Peak (May 17 2023 10AM - 11 AM) - Overall Peak Hour

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

All Channels

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Leg Direction	East		West		Int
	Westbound		Eastbound		
Time	T	App	T	App	
2023-05-17 10:00AM	15	15	1	1	16
10:15AM	12	12	0	0	12
10:30AM	24	24	0	0	24
10:45AM	18	18	0	0	18
Total	69	69	1	1	70
% Approach	100%	-	100%	-	-
% Total	98.6%	98.6%	1.4%	1.4%	-
PHF	0.719	0.719	0.250	0.250	0.729
Lights	2	2	0	0	2
% Lights	2.9%	2.9%	0%	0%	2.9%
Articulated Trucks	50	50	0	0	50
% Articulated Trucks	72.5%	72.5%	0%	0%	71.4%
Buses and Single-Unit Trucks	17	17	1	1	18
% Buses and Single-Unit Trucks	24.6%	24.6%	100%	100%	25.7%

*T: Thru

Kedzie Avenue - Corwith Driveway btw 40th St... - ATR

Wed May 17, 2023

AM Peak (May 17 2023 10AM - 11 AM) - Overall Peak Hour

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

All Channels

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Kedzie Avenue - Corwith Driveway btw 40th St... - ATR

Wed May 17, 2023

Midday Peak (May 17 2023 11AM - 12 PM)

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

All Channels

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Leg Direction	East		West		Int
	Westbound		Eastbound		
Time	T	App	T	App	
2023-05-17 11:00AM	17	17	0	0	17
11:15AM	16	16	0	0	16
11:30AM	16	16	1	1	17
11:45AM	12	12	0	0	12
Total	61	61	1	1	62
% Approach	100%	-	100%	-	-
% Total	98.4%	98.4%	1.6%	1.6%	-
PHF	0.897	0.897	0.250	0.250	0.912
Lights	5	5	1	1	6
% Lights	8.2%	8.2%	100%	100%	9.7%
Articulated Trucks	43	43	0	0	43
% Articulated Trucks	70.5%	70.5%	0%	0%	69.4%
Buses and Single-Unit Trucks	13	13	0	0	13
% Buses and Single-Unit Trucks	21.3%	21.3%	0%	0%	21.0%

*T: Thru

Kedzie Avenue - Corwith Driveway btw 40th St... - ATR

Wed May 17, 2023

Midday Peak (May 17 2023 11AM - 12 PM)

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

All Channels

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Chicago
Kedzie Avenue - Corwith
btw 40th Place - 41st Street

Groups Printed- Mediums - Articulated Trucks

Start Time	Kedzie Avenue From North			Kedzie Avenue From South			Corwith From West			Int. Total
	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	
12:00 PM	0	44	0	38	12	0	29	64	0	187
01:00 PM	0	42	0	37	16	0	23	48	0	166
02:00 PM	0	54	0	32	14	0	20	43	0	163
03:00 PM	0	32	0	34	13	0	13	37	0	129
04:00 PM	0	15	0	31	15	0	12	29	0	102
05:00 PM	1	25	0	18	11	0	11	27	0	93
06:00 PM	0	15	0	11	19	0	14	24	0	83
07:00 PM	0	18	0	10	18	0	12	41	0	99
08:00 PM	0	15	0	12	9	0	10	34	0	80
09:00 PM	0	8	0	10	5	0	7	29	0	59
10:00 PM	0	7	0	2	7	0	12	14	0	42
11:00 PM	0	8	0	4	5	0	10	34	0	61
12:00 AM	0	6	0	3	9	0	12	24	0	54
01:00 AM	0	5	0	1	5	0	11	30	0	52
02:00 AM	0	2	0	12	6	0	5	28	0	53
03:00 AM	0	5	0	11	10	0	6	31	0	63
04:00 AM	0	14	0	22	18	0	9	35	0	98
05:00 AM	0	22	0	34	29	0	8	44	0	137
06:00 AM	0	46	0	36	35	0	14	49	0	180
07:00 AM	0	31	0	53	35	0	21	38	0	178
08:00 AM	0	34	0	58	33	0	25	44	0	194
09:00 AM	0	38	0	46	50	0	24	52	0	210
10:00 AM	1	38	0	30	34	0	26	70	0	199
11:00 AM	0	49	0	50	34	0	24	76	0	233
Grand Total	2	573	0	595	442	0	358	945	0	2915
Apprch %	0.3	99.7	0	57.4	42.6	0	27.5	72.5	0	
Total %	0.1	19.7	0	20.4	15.2	0	12.3	32.4	0	
Mediums	1	418	0	436	264	0	166	344	0	1629
% Mediums	50	72.9	0	73.3	59.7	0	46.4	36.4	0	55.9
Articulated Trucks	1	155	0	159	178	0	192	601	0	1286
% Articulated Trucks	50	27.1	0	26.7	40.3	0	53.6	63.6	0	44.1

Fish Transportation Group

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Suite 211
Naperville, Illinois 60563

Chicago
Kedzie Avenue - Corwith
btw 40th Place - 41st Street

Groups Printed- Articulated Trucks

Start Time	Kedzie Avenue From North			Kedzie Avenue From South			Corwith From West			Int. Total
	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	
12:00 PM	0	17	0	6	8	0	17	42	0	90
01:00 PM	0	14	0	14	10	0	9	24	0	71
02:00 PM	0	14	0	11	12	0	5	22	0	64
03:00 PM	0	9	0	10	11	0	3	12	0	45
04:00 PM	0	6	0	7	8	0	4	13	0	38
05:00 PM	1	6	0	3	8	0	3	13	0	34
06:00 PM	0	3	0	1	7	0	3	12	0	26
07:00 PM	0	1	0	3	4	0	3	17	0	28
08:00 PM	0	3	0	3	2	0	5	22	0	35
09:00 PM	0	2	0	1	2	0	4	14	0	23
10:00 PM	0	2	0	0	1	0	10	4	0	17
11:00 PM	0	4	0	1	2	0	8	15	0	30
12:00 AM	0	4	0	0	2	0	6	12	0	24
01:00 AM	0	0	0	0	0	0	3	18	0	21
02:00 AM	0	0	0	7	1	0	3	23	0	34
03:00 AM	0	1	0	3	1	0	4	22	0	31
04:00 AM	0	7	0	6	2	0	4	29	0	48
05:00 AM	0	4	0	9	10	0	6	34	0	63
06:00 AM	0	9	0	6	12	0	10	47	0	84
07:00 AM	0	8	0	12	10	0	20	32	0	82
08:00 AM	0	12	0	13	11	0	19	39	0	94
09:00 AM	0	9	0	11	25	0	13	38	0	96
10:00 AM	0	11	0	13	17	0	20	51	0	112
11:00 AM	0	9	0	19	12	0	10	46	0	96
Grand Total	1	155	0	159	178	0	192	601	0	1286
Apprch %	0.6	99.4	0	47.2	52.8	0	24.2	75.8	0	
Total %	0.1	12.1	0	12.4	13.8	0	14.9	46.7	0	