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



COUNT LOCATION:	S. Kedzie Ave. & BNSF Corwith Intermodal between
	W. 40 th Place and W. 41 st Street
	Lower West Side
COUNT DATE:	05-16-2023
COUNT TYPE:	Turning Movement Counts (TMC)

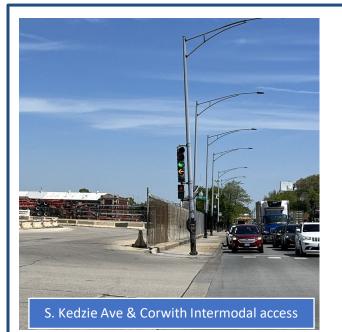
PROJECT LOCATION MAP

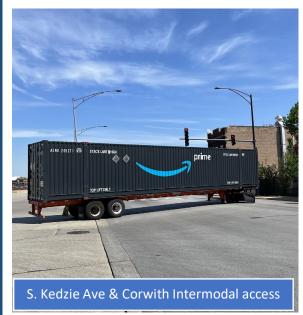


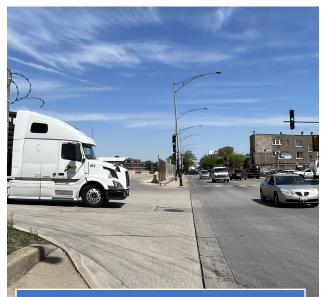
COUNT TYPE: Intersection Turning Movement

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.

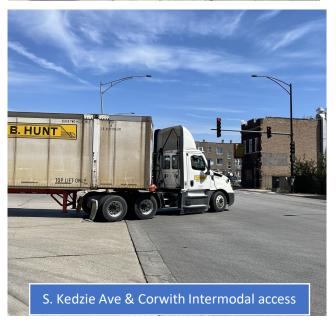
SITE PHOTOS







S. Kedzie Ave & Corwith Intermodal access



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.

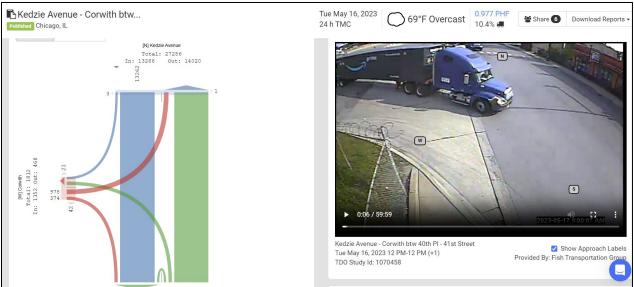
Miovision Datalink Reports

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. Kedzie Ave. & BNSF Corwith Intermodal between W. 40th Place and W. 41st Street



Example from Miovision Datalink Portal with Pedestrians S. Kedzie Ave. & BNSF Corwith Intermodal between W. 40th Place and W. 41st 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.

Tue May 16, 2023

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

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

Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1070458, Location: 41.819541, -87.704428, Site Code: Kedzie Avenue btw 40th Pl - 41st Street

g	Kedzie A	venue				Kedzie A	venue				Corwith					
rection	Southbou	nd				Northbou	ınd				Eastboun	d				
me	R	Т	U	Арр	Ped*	Т	L	U	Арр	Ped*	R	L	U	Арр	Ped*	Int
2023-05-16 12:00PM	0 1	644	0	644	0	513	13	0	526	0	29	67	0	96	5	12
1:00PM	0 1	644	0	644	1	629	17	1	647	0	24	51	0	75	7	13
2:00PM	0 1	825	0	825	0	676	14	0	690	0	22	47	0	69	2	15
3:00PM	í 1	1057	0	1058	0	674	13	0	687	0	14	38	0	52	6	179
4:00PM	0 1	1075	0	1075	1	685	17	0	702	0	17	32	0	49	6	182
5:00PM	I 1	1087	0	1088	0	631	11	0	642	0	11	29	0	40	7	17
6:00PM	0 1	870	0	870	0	576	19	0	595	0	14	31	0	45	9	15
7:00PM	í 1	743	0	744	1	503	18	1	522	0	13	41	0	54	3	13
8:00PM	0 1	601	0	601	0	450	9	0	459	0	10	34	0	44	2	11
9:00PM	0 1	516	0	516	0	398	5	0	403	0	7	30	0	37	1	9
10:00PM	0 1	474	0	474	0	272	8	0	280	0	13	15	0	28	2	7
11:00PM	0 1	339	0	339	0	182	5	0	187	0	10	34	0	44	0	5
2023-05-17 12:00AM	0	184	0	184	0	96	9	0	105	0	12	24	0	36	1	3
1:00AM	0 1	140	0	140	0	85	5	0	90	0	11	32	0	43	1	2
2:00AM	0 1	97	0	97	0	85	6	0	91	0	5	28	0	33	0	2
3:00AM	0 1	77	0	77	0	139	10	0	149	0	6	31	0	37	0	2
4:00AN	0 1	153	0	153	0	371	18	0	389	0	9	35	0	44	0	5
5:00AM	0 1	265	0	265	0	795	32	0	827	0	9	46	0	55	2	114
6:00AN	0 1	398	0	398	1	1146	37	0	1183	0	14	50	0	64	1	164
7:00AN	0	639	0	639	0	1257	38	0	1295	0	21	39	0	60	0	19
8:00AM	0 1	685	0	685	0	1090	33	0	1123	0	25	44	0	69	0	18
9:00AN	0	575	0	575	0	693	50	0	743	0	26	52	0	78	3	13
10:00AM	[1	576	0	577	0	510	35	1	546	0	26	70	0	96	3	12
11:00AM	0 1	598	0	598	0	586	34	0	620	0	26	78	0	104	2	132
Tota	l 4	13262	0	13266	4	13042	456	3	13501	0	374	978	0	1352	63	281
% Approach	n 0%	100.0%	0%	-	-	96.6%	3.4%	0%	-	-	27.7%	72.3%	0%	-	-	
% Tota	l 0%	47.2%	0%	47.2%	-	46.4%	1.6%	0%	48.0%	-	1.3%	3.5%	0%	4.8%	-	
Lights	2	12680	0	12682	-	12437	14	3	12454	-	16	32	0	48	-	251
% Lights	50.0%	95.6%	0%	95.6%	-	95.4%	3.1%	100%	92.2%	-	4.3%	3.3%	0%	3.6%	-	89.6
Articulated Trucks	1	155	0	156	-	159	178	0	337	-	192	601	0	793	-	12
% Articulated Trucks	25.0%	1.2%	0%	1.2%	-	1.2%	39.0%	0%	2.5%	-	51.3%	61.5%	0%	58.7%	-	4.6
Buses and Single-Unit Trucks	1	418	0	419	-	436	264	0	700	-	166	344	0	510	-	16
% Buses and Single-Unit Trucks	25.0%	3.2%	0%	3.2%	-	3.3%	57.9%	0%	5.2%	-	44.4%	35.2%	0%	37.7%	-	5.8
Bicycles on Road	l 0	9	0	9	-	10	0	0	10	-	0	1	0	1	-	
% Bicycles on Road	l 0%	0.1%	0%	0.1%	-	0.1%	0%	0%	0.1%	-	0%	0.1%	0%	0.1%	-	0.1
Pedestrians	; –	-	-	-	4	-	-	-	-	0	-	-	-	-	31	
% Pedestrians	- 1	-	-	-	100%	-	-	-	-	-	-	-	-	-	49.2%	
Bicycles on Crosswalk	- 1	-	-	-	0	-	-	-	-	0	-	-	-	-	32	

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

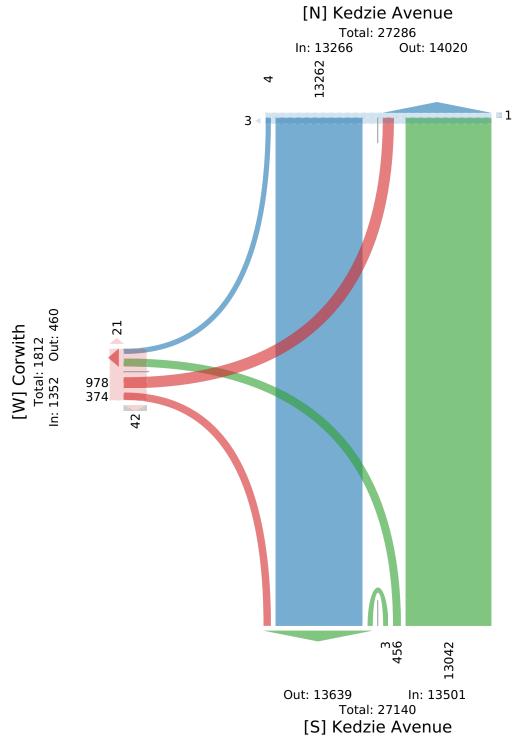
Full Length (12 PM-12 PM (+1)) All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks, Pedestrians,

Bicycles on Road, Bicycles on Crosswalk)

All Movements

Tue May 16, 2023

ID: 1070458, Location: 41.819541, -87.704428, Site Code: Kedzie Avenue btw 40th Pl - 41st Street



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

Midday Peak (May 16 2023 1PM - 2 PM)

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

Bicycles on Road, Bicycles on Crosswalk)

All Movements

Tue May 16, 2023

ID: 1070458, Location: 41.819541, -87.704428, Site Code: Kedzie Avenue btw 40th Pl - 41st Street

Leg	Kedz	ie Avenu	ie			Kedzie A	Kedzie Avenue									
Direction	South	ibound				Northbou	nd				Eastbound	đ				
Time	R	Т	U	Арр	Ped*	Т	L	U	Арр	Ped*	R	L	U	Арр	Ped*	Int
2023-05-16 1:00PM	0	172	0	172	1	142	3	1	146	0	7	13	0	20	1	338
1:15PM	0	159	0	159	0	170	6	0	176	0	6	12	0	18	1	353
1:30PM	0	156	0	156	0	166	3	0	169	0	5	13	0	18	3	343
1:45PM	0	157	0	157	0	151	5	0	156	0	6	13	0	19	2	332
Total	0	644	0	644	1	629	17	1	647	0	24	51	0	75	7	1366
% Approach	0%	100%	0%	-	-	97.2%	2.6%	0.2%	-	-	32.0%	68.0%	0%	-	-	-
% Total	0%	47.1%	0%	47.1%	-	46.0%	1.2%	0.1%	47.4%	-	1.8%	3.7%	0%	5.5%	-	-
PHF	-	0.933	-	0.933	-	0.925	0.708	0.250	0.919	-	0.857	0.981	-	0.938	-	0.969
Lights	0	600	0	600	-	592	1	1	5 9 4	-	1	3	0	4	-	1198
% Lights	0%	93.2%	0%	93.2%	-	94.1%	5.9%	100%	91.8%	-	4.2%	5.9%	0%	5.3%	-	87.7%
Articulated Trucks	0	14	0	14	-	14	10	0	24	-	9	24	0	33	-	71
% Articulated Trucks	0%	2.2%	0%	2.2%	-	2.2%	58.8%	0%	3.7%	-	37.5%	47.1%	0%	44.0%	-	5.2%
Buses and Single-Unit Trucks	0	28	0	28	-	23	6	0	29	-	14	24	0	38	-	95
% Buses and Single-Unit Trucks	0%	4.3%	0%	4.3%	-	3.7%	35.3%	0%	4.5%	-	58.3%	47.1%	0%	50.7%	-	7.0%
Bicycles on Road	0	2	0	2	-	0	0	0	0	-	0	0	0	0	-	2
% Bicycles on Road	0%	0.3%	0%	0.3%	-	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0.1%
Pedestrians	-	-	-	-	1	-	-	-	-	0	-	-	-	-	3	
% Pedestrians	-	-	-	-	100%	-	-	-	-	-	-	-	-	-	42.9%	-
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	0	-	-	-	-	4	
% Bicycles on Crosswalk	-	-	-	-	0%	-	-	-	-	-	-	-	-	-	57.1%	-

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

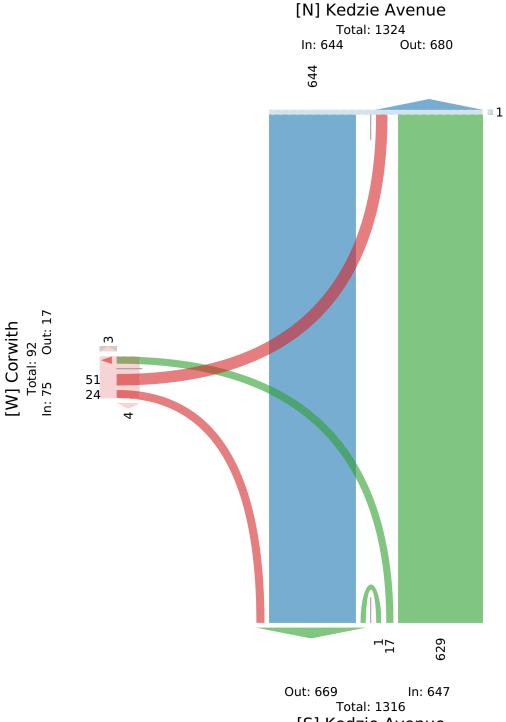
Midday Peak (May 16 2023 1PM - 2 PM) All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks, Pedestrians,

Bicycles on Road, Bicycles on Crosswalk)

All Movements

Tue May 16, 2023

ID: 1070458, Location: 41.819541, -87.704428, Site Code: Kedzie Avenue btw 40th Pl - 41st Street



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

Tue May 16, 2023

PM Peak (May 16 2023 3:30PM - 4:30 PM)

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

Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1070458, Location: 41.819541, -87.704428, Site Code: Kedzie Avenue btw 40th Pl - 41st Street

Leg	Kedzi	ie Avenu	e			Kedzie Avenue					Corwith					
Direction	South	bound				Northboui	nd				Eastbound	l				
Time	R	Т	U	Арр	Ped*	Т	L	U	Арр	Ped*	R	L	U	Арр	Ped*	Int
2023-05-16 3:30PM	0	286	0	286	0	170	4	0	174	0	7	12	0	19	2	479
3:45PM	0	274	0	274	0	164	5	0	169	0	4	8	0	12	2	455
4:00PM	0	271	0	271	0	172	6	0	178	0	3	9	0	12	2	461
4:15PM	0	273	0	273	0	183	0	0	183	0	8	10	0	18	1	474
Total	0	1104	0	1104	0	689	15	0	704	0	22	39	0	61	7	1869
% Approach	0%	100%	0%	-	-	97.9%	2.1%	0%	-	-	36.1%	63.9%	0%	-	-	-
% Total	0%	59.1%	0%	59.1%	-	36.9%	0.8%	0%	37.7%	-	1.2%	2.1%	0%	3.3%	-	-
PHF	-	0.964	-	0.964	-	0.937	0.625	-	0.958	-	0.688	0.813	-	0.803	-	0.973
Lights	0	1073	0	1073	-	663	0	0	663	-	3	1	0	4	-	1740
% Lights	0%	97.2%	0%	97.2%	-	96.2%	0%	0%	94.2%	-	13.6%	2.6%	0%	6.6%	-	93.1%
Articulated Trucks	0	9	0	9	-	6	11	0	17	-	4	17	0	21	-	47
% Articulated Trucks	0%	0.8%	0%	0.8%	-	0.9%	73.3%	0%	2.4%	-	18.2%	43.6%	0%	34.4%	-	2.5%
Buses and Single-Unit Trucks	0	21	0	21	-	17	4	0	21	-	15	21	0	36	-	78
% Buses and Single-Unit Trucks	0%	1.9%	0%	1.9%	-	2.5%	26.7%	0%	3.0%	-	68.2%	53.8%	0%	59.0%	-	4.2%
Bicycles on Road	0	1	0	1	-	3	0	0	3	-	0	0	0	0	-	4
% Bicycles on Road	0%	0.1%	0%	0.1%	-	0.4%	0%	0%	0.4%	-	0%	0%	0%	0%	-	0.2%
Pedestrians	-	-	-	-	0	-	-	-	-	0	-	-	-	-	3	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.9%	-
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	0	-	-	-	-	4	
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57.1%	-

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

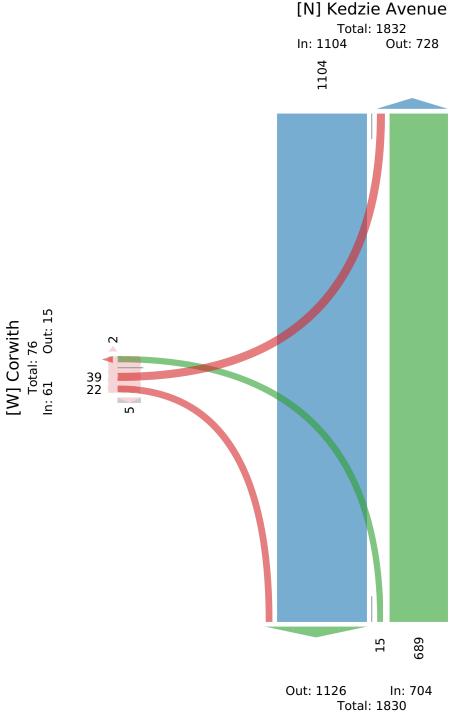
PM Peak (May 16 2023 3:30PM - 4:30 PM) All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks, Pedestrians,

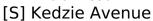
Bicycles on Road, Bicycles on Crosswalk)

All Movements

Tue May 16, 2023

ID: 1070458, Location: 41.819541, -87.704428, Site Code: Kedzie Avenue btw 40th Pl - 41st Street



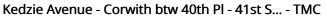


Wed May 17, 2023 AM Peak (May 17 2023 7:30AM - 8:30 AM) - Overall Peak Hour All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks, Pedestrians, Bicycles on Road, Bicycles on Crosswalk) All Movements ID: 1070458 Location: 41 819541 -87 704428 Site Code: Kedzie Avenue http://doi.

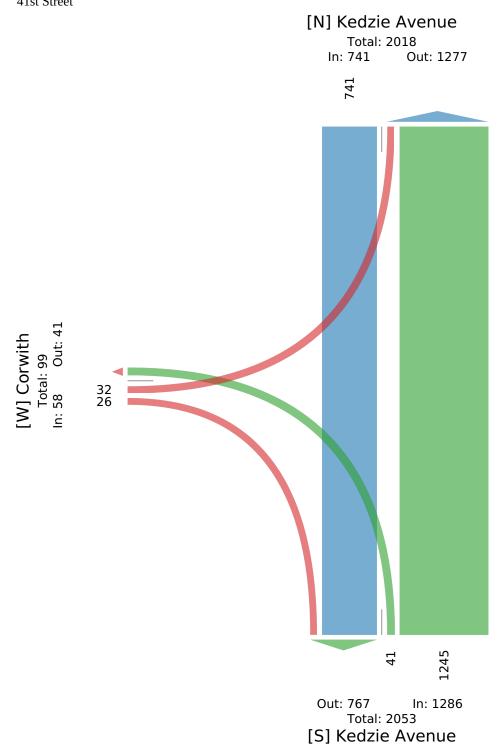
ID: 1070458, Location: 41.819541, -87.704428, Site Code: Kedzie Avenue btw 40th Pl - 41st Street

Leg	Kedzi	e Avenue	2			Kedzie Av	venue				Corwith					
Direction	South	bound				Northbou	nd				Eastbound					
Time	R	Т	U	Арр	Ped*	Т	L	U	Арр	Ped*	R	L	U	Арр	Ped*	Int
2023-05-17 7:30AM	0	166	0	166	0	326	12	0	338	0	5	7	0	12	0	516
7:45AM	0	185	0	185	0	307	10	0	317	0	9	8	0	17	0	519
8:00AM	0	214	0	214	0	299	9	0	308	0	4	7	0	11	0	533
8:15AM	0	176	0	176	0	313	10	0	323	0	8	10	0	18	0	517
Total	0	741	0	741	0	1245	41	0	1286	0	26	32	0	58	0	2085
% Approach	0%	100%	0%	-	-	96.8%	3.2%	0%	-	-	44.8%	55.2%	0%	-	-	-
% Total	0%	35.5%	0%	35.5%	-	59.7%	2.0%	0%	61.7%	-	1.2%	1.5%	0%	2.8%	-	-
PHF	-	0.863	-	0.863	-	0.955	0.854	-	0.951	-	0.722	0.800	-	0.806	-	0.977
Lights	0	704	0	704	-	1191	0	0	1191	-	0	0	0	0	-	1895
% Lights	0%	95.0%	0%	95.0%	-	95.7%	0%	0%	92.6%	-	0%	0%	0%	0%	-	90.9%
Articulated Trucks	0	12	0	12	-	14	11	0	25	-	22	28	0	50	-	87
% Articulated Trucks	0%	1.6%	0%	1.6%	-	1.1%	26.8%	0%	1.9%	-	84.6%	87.5%	0%	86.2%	-	4.2%
Buses and Single-Unit Trucks	0	23	0	23	-	40	30	0	70	-	4	4	0	8	-	101
% Buses and Single-Unit Trucks	0%	3.1%	0%	3.1%	-	3.2%	73.2%	0%	5.4%	-	15.4%	12.5%	0%	13.8%	-	4.8%
Bicycles on Road	0	2	0	2	-	0	0	0	0	-	0	0	0	0	-	2
% Bicycles on Road	0%	0.3%	0%	0.3%	-	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0.1%
Pedestrians	-	-	-	-	0	-	-	-	-	0	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	0	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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



Wed May 17, 2023 AM Peak (May 17 2023 7:30AM - 8:30 AM) - Overall Peak Hour All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks, Pedestrians, Bicycles on Road, Bicycles on Crosswalk) All Movements ID: 1070458, Location: 41.819541, -87.704428, Site Code: Kedzie Avenue btw 40th Pl -41st Street



Fish Transportation Group

1950 N Washington Street Suite 211 Naperville, Illinois 60563

Chicago Kedzie Avenue & 41st Street Corwith Intersection 05-16-23

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

Fish Transportation Group

1950 N Washington Street Suite 211 Naperville, Illinois 60563

Chicago Kedzie Avenue & 41st Street **Corwith Intersection** 05-16-23

			Groups Pr	inted- Medium	ns - Articulate	d Trucks				
	Keo	dzie Avenue		Ked	zie Avenue		C			
		rom North			om South			om West		
Start Time	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	Int. Total
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

Drintod Modiu Articulated Truck ~