

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

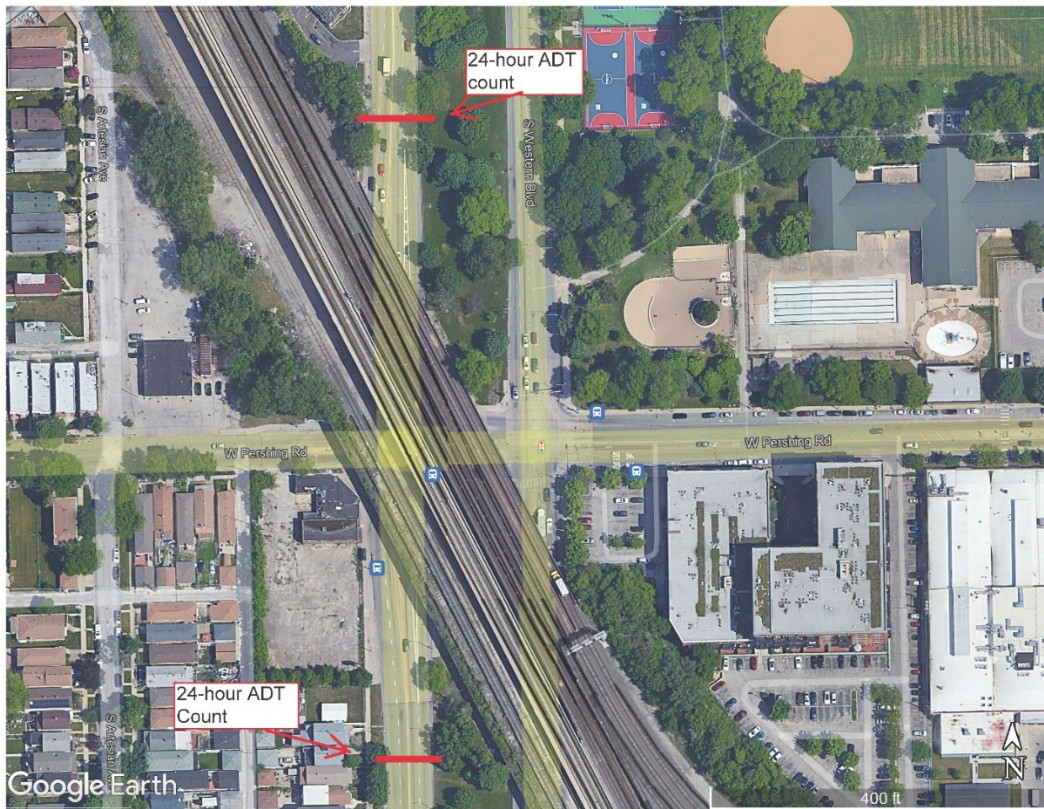


COUNT LOCATIONS: S. Western Ave., north of W. Pershing Rd. -
McKinley Park / Pullman
S. Western Ave., south of W. Pershing Rd. –
McKinley Park / Brighton Park

COUNT DATE: 04-11-2023

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

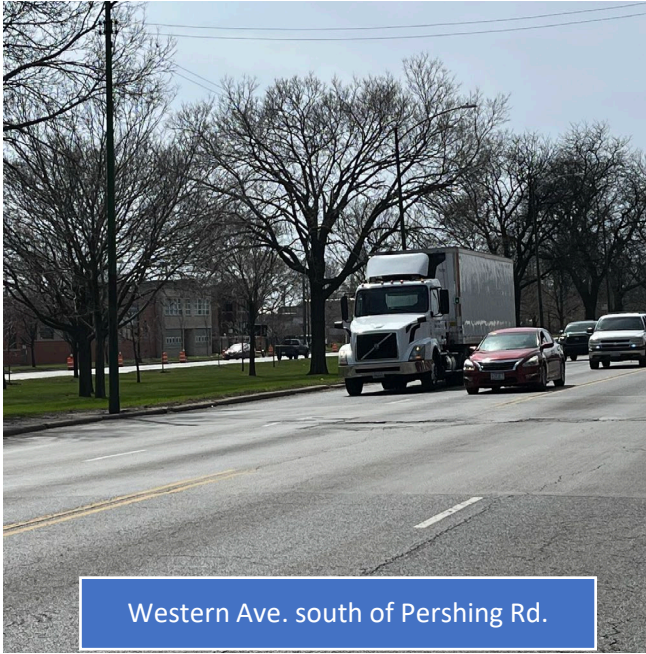
PROJECT LOCATION MAP



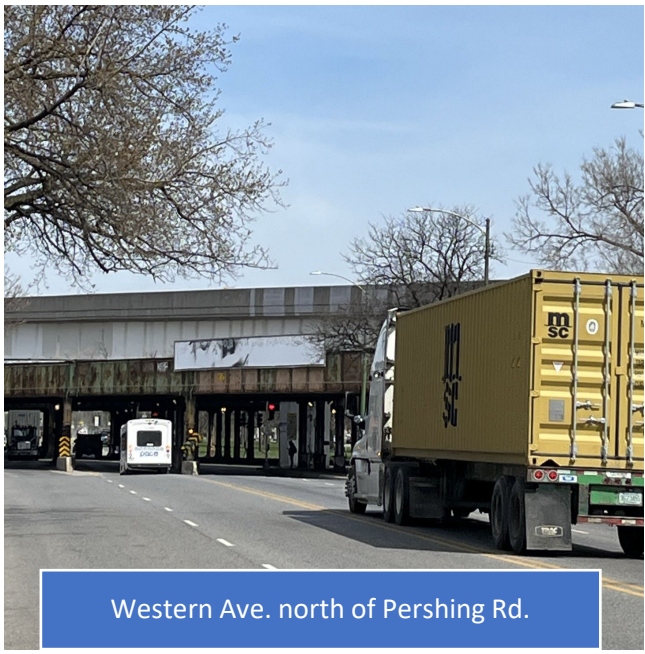
COUNT TYPE: 24-Hour Average Daily Traffic

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



Western Ave. south of Pershing Rd.



Western Ave. north of Pershing Rd.



Western Ave. north of Pershing Rd.



Western Ave. both directions

SUMMARY DATA REPORTS

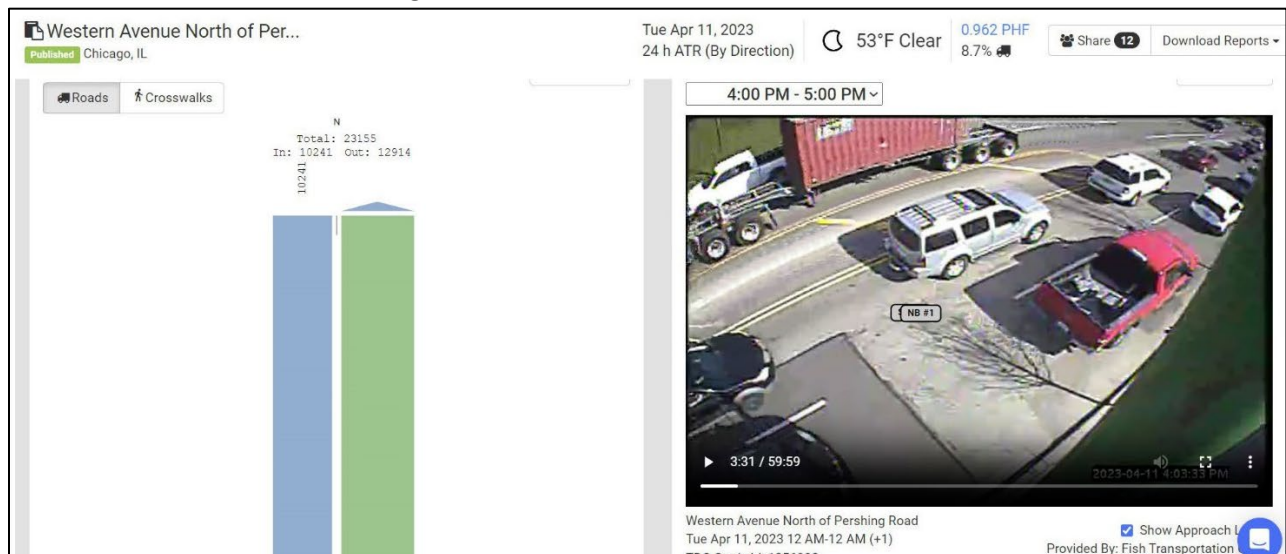
Truck traffic data was collected utilizing Miovision Scout video data collection (cameras). Video data was collected for a 24-hour period on a typical, non-holiday weekday. Miovision DataLink was used to generate reports and data visualizations to analyze traffic and truck count data. In addition, FTG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

Miovision Datalink Reports

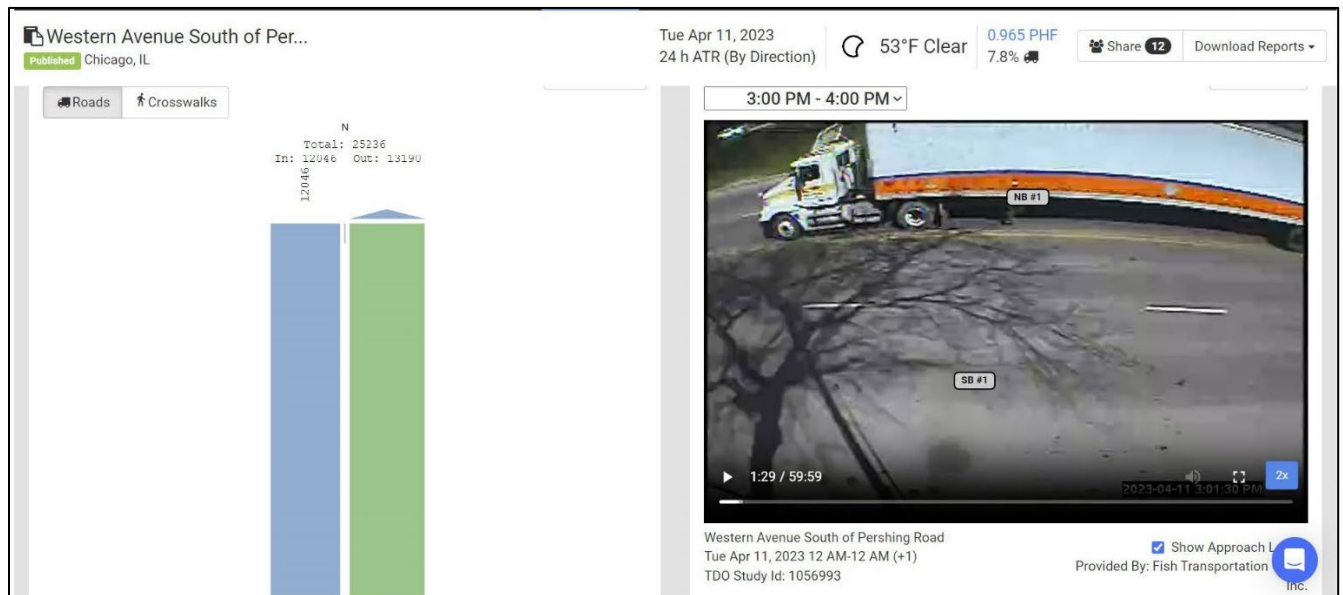
The following information is provided as generated from the Miovision Datalink portal:

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
Western Avenue, north of Pershing Road



Example from Miovision Datalink Portal Western Avenue south of Pershing Road



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.

Western Avenue North of Pershing Avenue - ATR

Tue Apr 11, 2023

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

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

All Channels

ID: 1056992, Location: 41.825157, -87.684857

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

Naperville, IL, 60563, US

Leg Direction	North Southbound		South Northbound		Int
	T	App	T	App	
Time					
2023-04-11 12:00AM	154	154	78	78	232
1:00AM	100	100	58	58	158
2:00AM	52	52	77	77	129
3:00AM	56	56	154	154	210
4:00AM	79	79	326	326	405
5:00AM	178	178	749	749	927
6:00AM	339	339	1001	1001	1340
7:00AM	504	504	1003	1003	1507
8:00AM	550	550	1000	1000	1550
9:00AM	446	446	797	797	1243
10:00AM	481	481	694	694	1175
11:00AM	493	493	576	576	1069
12:00PM	549	549	677	677	1226
1:00PM	527	527	736	736	1263
2:00PM	612	612	783	783	1395
3:00PM	780	780	674	674	1454
4:00PM	809	809	691	691	1500
5:00PM	747	747	678	678	1425
6:00PM	735	735	561	561	1296
7:00PM	575	575	453	453	1028
8:00PM	463	463	411	411	874
9:00PM	418	418	348	348	766
10:00PM	335	335	256	256	591
11:00PM	259	259	133	133	392
Total	10241	10241	12914	12914	23155
% Approach	100%	-	100%	-	-
% Total	44.2%	44.2%	55.8%	55.8%	-
Lights	9355	9355	11788	11788	21143
% Lights	91.3%	91.3%	91.3%	91.3%	91.3%
Articulated Trucks	384	384	523	523	907
% Articulated Trucks	3.7%	3.7%	4.0%	4.0%	3.9%
Buses and Single-Unit Trucks	502	502	603	603	1105
% Buses and Single-Unit Trucks	4.9%	4.9%	4.7%	4.7%	4.8%

*T: Thru

Western Avenue North of Pershing Avenue - ATR

Tue Apr 11, 2023

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

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

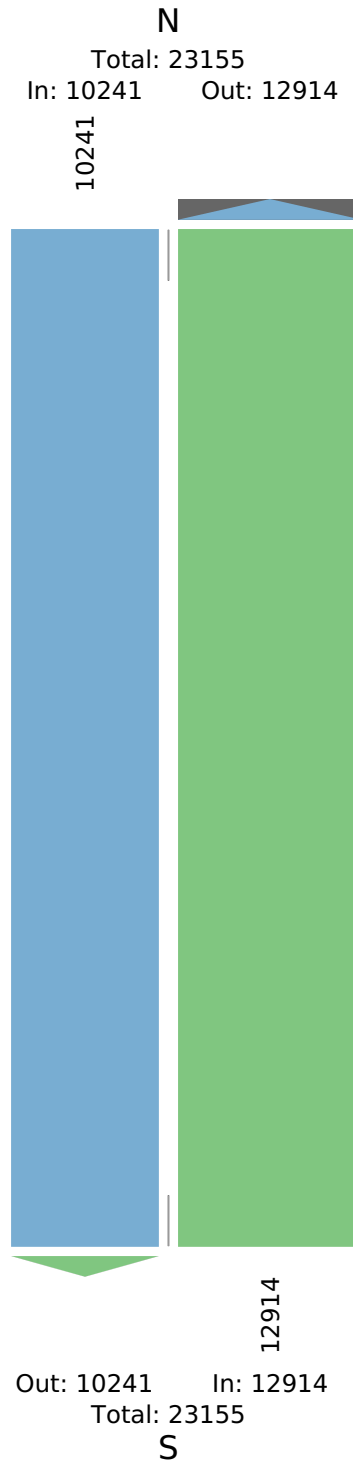
All Channels

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1950 N Washington Street, Suite 211,

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Western Avenue North of Pershing Avenue - ATR

Tue Apr 11, 2023

AM Peak (7:30 AM - 8:30 AM) - Overall Peak Hour

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

All Channels

ID: 1056992, Location: 41.825157, -87.684857

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

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Leg Direction	North Southbound		South Northbound		Int
	T	App	T	App	
Time					
2023-04-11 7:30AM	132	132	272	272	404
7:45AM	128	128	248	248	376
8:00AM	156	156	261	261	417
8:15AM	141	141	267	267	408
Total	557	557	1048	1048	1605
% Approach	100%	-	100%	-	-
% Total	34.7%	34.7%	65.3%	65.3%	-
PHF	0.893	0.893	0.963	0.963	0.962
Lights	496	496	976	976	1472
% Lights	89.0%	89.0%	93.1%	93.1%	91.7%
Articulated Trucks	14	14	35	35	49
% Articulated Trucks	2.5%	2.5%	3.3%	3.3%	3.1%
Buses and Single-Unit Trucks	47	47	37	37	84
% Buses and Single-Unit Trucks	8.4%	8.4%	3.5%	3.5%	5.2%

*T: Thru

Western Avenue North of Pershing Avenue - ATR

Tue Apr 11, 2023

AM Peak (7:30 AM - 8:30 AM) - Overall Peak Hour

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

All Channels

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Western Avenue North of Pershing Avenue - ATR

Tue Apr 11, 2023

Midday Peak (1 PM - 2 PM)

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

All Channels

ID: 1056992, Location: 41.825157, -87.684857

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

Naperville, IL, 60563, US

Leg Direction	North Southbound		South Northbound		Int
	T	App	T	App	
Time					
2023-04-11 1:00PM	125	125	180	180	305
1:15PM	128	128	167	167	295
1:30PM	135	135	199	199	334
1:45PM	139	139	190	190	329
Total	527	527	736	736	1263
% Approach	100%	-	100%	-	-
% Total	41.7%	41.7%	58.3%	58.3%	-
PHF	0.948	0.948	0.925	0.925	0.945
Lights	464	464	636	636	1100
% Lights	88.0%	88.0%	86.4%	86.4%	87.1%
Articulated Trucks	36	36	43	43	79
% Articulated Trucks	6.8%	6.8%	5.8%	5.8%	6.3%
Buses and Single-Unit Trucks	27	27	57	57	84
% Buses and Single-Unit Trucks	5.1%	5.1%	7.7%	7.7%	6.7%

*T: Thru

Western Avenue North of Pershing Avenue - ATR

Tue Apr 11, 2023

Midday Peak (1 PM - 2 PM)

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

All Channels

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Western Avenue North of Pershing Avenue - ATR

Tue Apr 11, 2023

PM Peak (3:30 PM - 4:30 PM)

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

All Channels

ID: 1056992, Location: 41.825157, -87.684857

Provided by: Fish Transportation Group Inc.

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Leg Direction	North Southbound		South Northbound		Int
	T	App	T	App	
Time					
2023-04-11 3:30PM	181	181	183	183	364
3:45PM	196	196	185	185	381
4:00PM	203	203	189	189	392
4:15PM	206	206	172	172	378
Total	786	786	729	729	1515
% Approach	100%	-	100%	-	-
% Total	51.9%	51.9%	48.1%	48.1%	-
PHF	0.954	0.954	0.964	0.964	0.966
Lights	742	742	667	667	1409
% Lights	94.4%	94.4%	91.5%	91.5%	93.0%
Articulated Trucks	23	23	24	24	47
% Articulated Trucks	2.9%	2.9%	3.3%	3.3%	3.1%
Buses and Single-Unit Trucks	21	21	38	38	59
% Buses and Single-Unit Trucks	2.7%	2.7%	5.2%	5.2%	3.9%

*T: Thru

Western Avenue North of Pershing Avenue - ATR

Tue Apr 11, 2023

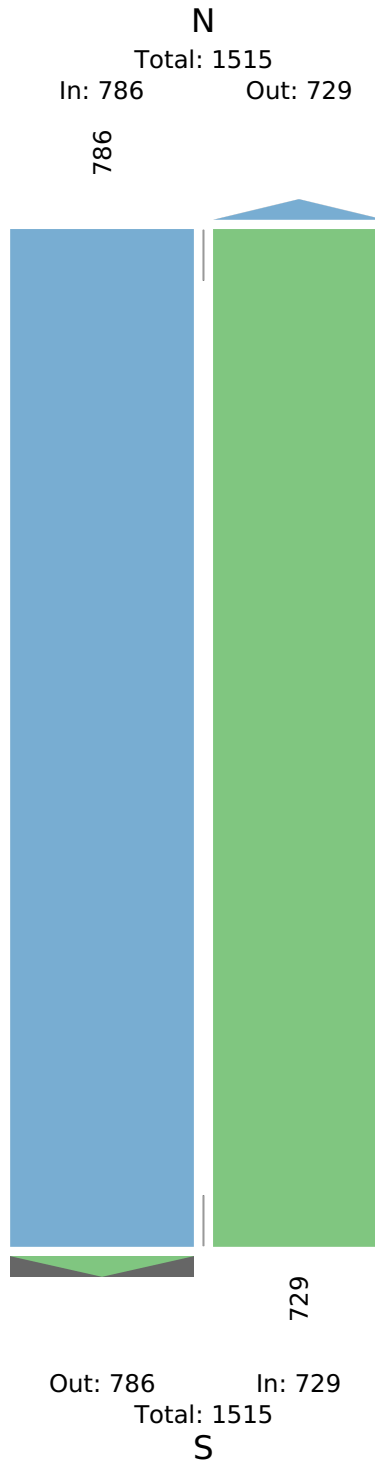
PM Peak (3:30 PM - 4:30 PM)

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

All Channels

ID: 1056992, Location: 41.825157, -87.684857

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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: Western
 Avenue North of Pershing
 Road
 Site Code:
 Start Date: 04/11/2023
 Page No: 1

Direction (Southbound)

Start Time	Lights	Mediums	Articulated Trucks	Total
04/11/2023 12:00 AM	144	7	3	154
1:00 AM	91	4	5	100
2:00 AM	46	5	1	52
3:00 AM	49	3	4	56
4:00 AM	62	7	10	79
5:00 AM	160	8	10	178
6:00 AM	292	25	22	339
7:00 AM	446	44	14	504
8:00 AM	483	50	17	550
9:00 AM	374	42	30	446
10:00 AM	406	37	38	481
11:00 AM	405	38	50	493
12:00 PM	479	34	36	549
1:00 PM	464	27	36	527
2:00 PM	564	28	20	612
3:00 PM	728	30	22	780
4:00 PM	768	25	16	809
5:00 PM	704	24	19	747
6:00 PM	711	19	5	735
7:00 PM	559	14	2	575
8:00 PM	448	8	7	463
9:00 PM	404	9	5	418
10:00 PM	325	5	5	335
11:00 PM	243	9	7	259
Total	9355	502	384	10241
Total %	91.3	4.9	3.7	100.0
AM Times	8:00 AM	9:00 AM	11:00 AM	8:00 AM
AM Peaks	483	42	50	550
PM Times	4:00 PM	1:00 PM	12:00 PM	4:00 PM
PM Peaks	768	27	36	809



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 Page No: 2

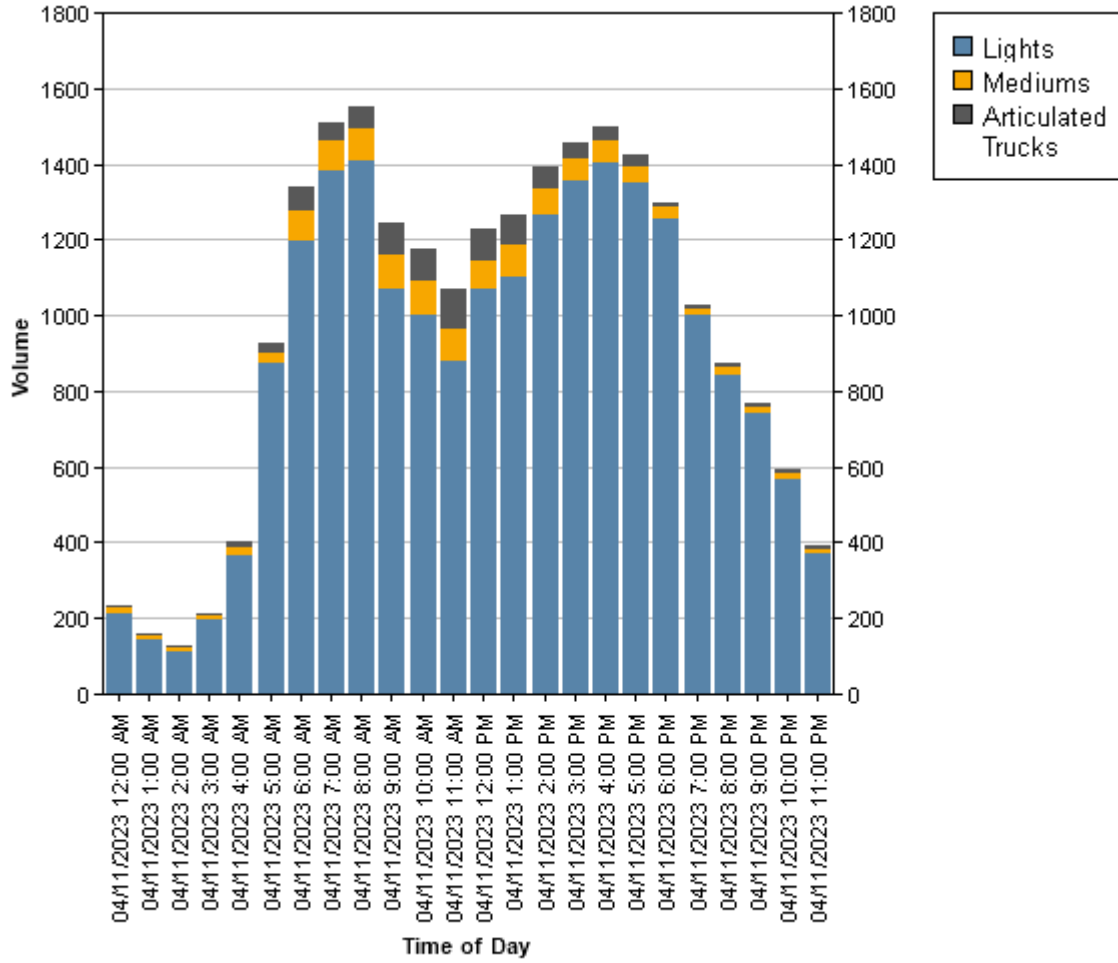
Direction (Northbound)

Start Time	Lights	Mediums	Articulated Trucks	Total
04/11/2023 12:00 AM	70	7	1	78
1:00 AM	53	4	1	58
2:00 AM	65	5	7	77
3:00 AM	146	7	1	154
4:00 AM	305	15	6	326
5:00 AM	715	16	18	749
6:00 AM	905	54	42	1001
7:00 AM	934	36	33	1003
8:00 AM	924	38	38	1000
9:00 AM	693	51	53	797
10:00 AM	593	52	49	694
11:00 AM	474	44	58	576
12:00 PM	589	40	48	677
1:00 PM	636	57	43	736
2:00 PM	702	38	43	783
3:00 PM	625	29	20	674
4:00 PM	634	36	21	691
5:00 PM	646	19	13	678
6:00 PM	542	15	4	561
7:00 PM	439	7	7	453
8:00 PM	393	12	6	411
9:00 PM	336	9	3	348
10:00 PM	244	8	4	256
11:00 PM	125	4	4	133
Total	11788	603	523	12914
Total %	91.3	4.7	4.0	100.0
AM Times	8:00 AM	9:00 AM	11:00 AM	8:00 AM
AM Peaks	924	51	58	1000
PM Times	4:00 PM	1:00 PM	12:00 PM	4:00 PM
PM Peaks	634	57	48	691



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

Count Name: Western
Avenue North of Pershing
Road
Site Code:
Start Date: 04/11/2023
Page No: 3



Western Avenue South of Pershing Avenue - ATR

Tue Apr 11, 2023

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

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

All Channels

ID: 1056993, Location: 41.82137, -87.684818

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

Naperville, IL, 60563, US

Leg Direction	North Southbound		South Northbound		Int
	T	App	T	App	
Time					
2023-04-11 12:00AM	165	165	87	87	252
1:00AM	115	115	55	55	170
2:00AM	59	59	90	90	149
3:00AM	55	55	159	159	214
4:00AM	84	84	349	349	433
5:00AM	186	186	781	781	967
6:00AM	339	339	1011	1011	1350
7:00AM	530	530	947	947	1477
8:00AM	568	568	967	967	1535
9:00AM	470	470	770	770	1240
10:00AM	509	509	698	698	1207
11:00AM	559	559	602	602	1161
12:00PM	635	635	686	686	1321
1:00PM	613	613	774	774	1387
2:00PM	754	754	850	850	1604
3:00PM	985	985	680	680	1665
4:00PM	1045	1045	645	645	1690
5:00PM	1021	1021	688	688	1709
6:00PM	893	893	579	579	1472
7:00PM	720	720	507	507	1227
8:00PM	562	562	458	458	1020
9:00PM	478	478	389	389	867
10:00PM	405	405	274	274	679
11:00PM	296	296	144	144	440
Total	12046	12046	13190	13190	25236
% Approach	100%	-	100%	-	-
% Total	47.7%	47.7%	52.3%	52.3%	-
Lights	11164	11164	12109	12109	23273
% Lights	92.7%	92.7%	91.8%	91.8%	92.2%
Articulated Trucks	354	354	519	519	873
% Articulated Trucks	2.9%	2.9%	3.9%	3.9%	3.5%
Buses and Single-Unit Trucks	528	528	562	562	1090
% Buses and Single-Unit Trucks	4.4%	4.4%	4.3%	4.3%	4.3%

*T: Thru

Western Avenue South of Pershing Avenue - ATR

Tue Apr 11, 2023

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

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

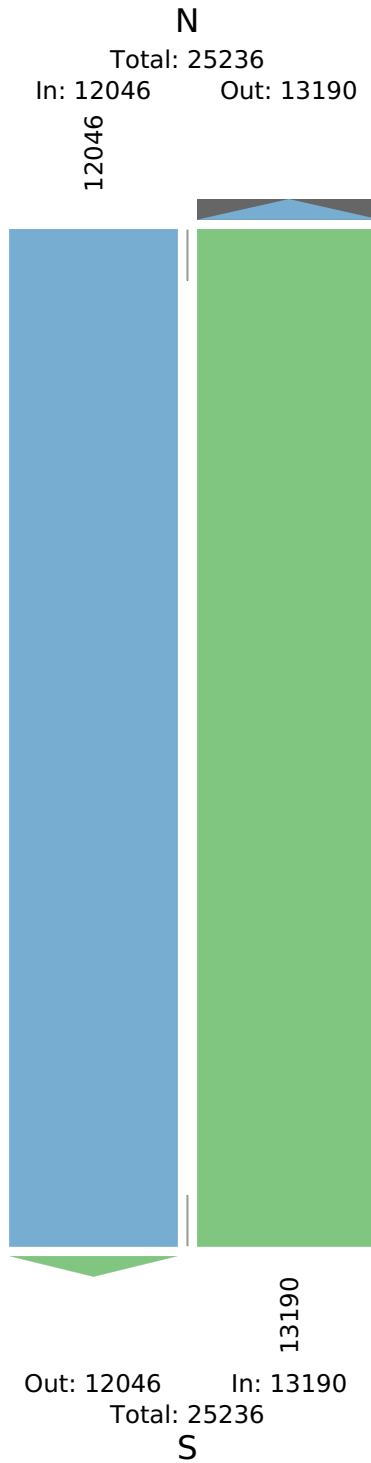
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Western Avenue South of Pershing Avenue - ATR

Tue Apr 11, 2023

AM Peak (7:45 AM - 8:45 AM)

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

All Channels

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Leg Direction	North Southbound		South Northbound		Int
	T	App	T	App	
Time					
2023-04-11 7:45AM	152	152	221	221	373
8:00AM	149	149	252	252	401
8:15AM	146	146	250	250	396
8:30AM	146	146	235	235	381
Total	593	593	958	958	1551
% Approach	100%	-	100%	-	-
% Total	38.2%	38.2%	61.8%	61.8%	-
PHF	0.975	0.975	0.950	0.950	0.967
Lights	531	531	881	881	1412
% Lights	89.5%	89.5%	92.0%	92.0%	91.0%
Articulated Trucks	14	14	44	44	58
% Articulated Trucks	2.4%	2.4%	4.6%	4.6%	3.7%
Buses and Single-Unit Trucks	48	48	33	33	81
% Buses and Single-Unit Trucks	8.1%	8.1%	3.4%	3.4%	5.2%

*T: Thru

Western Avenue South of Pershing Avenue - ATR

Tue Apr 11, 2023

AM Peak (7:45 AM - 8:45 AM)

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

All Channels

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Western Avenue South of Pershing Avenue - ATR

Tue Apr 11, 2023

Midday Peak (1 PM - 2 PM)

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

All Channels

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Leg Direction	North Southbound		South Northbound		Int
	T	App	T	App	
Time					
2023-04-11 1:00PM	156	156	186	186	342
1:15PM	135	135	186	186	321
1:30PM	146	146	209	209	355
1:45PM	176	176	193	193	369
Total	613	613	774	774	1387
% Approach	100%	-	100%	-	-
% Total	44.2%	44.2%	55.8%	55.8%	-
PHF	0.871	0.871	0.926	0.926	0.940
Lights	550	550	675	675	1225
% Lights	89.7%	89.7%	87.2%	87.2%	88.3%
Articulated Trucks	37	37	43	43	80
% Articulated Trucks	6.0%	6.0%	5.6%	5.6%	5.8%
Buses and Single-Unit Trucks	26	26	56	56	82
% Buses and Single-Unit Trucks	4.2%	4.2%	7.2%	7.2%	5.9%

*T: Thru

Western Avenue South of Pershing Avenue - ATR

Tue Apr 11, 2023

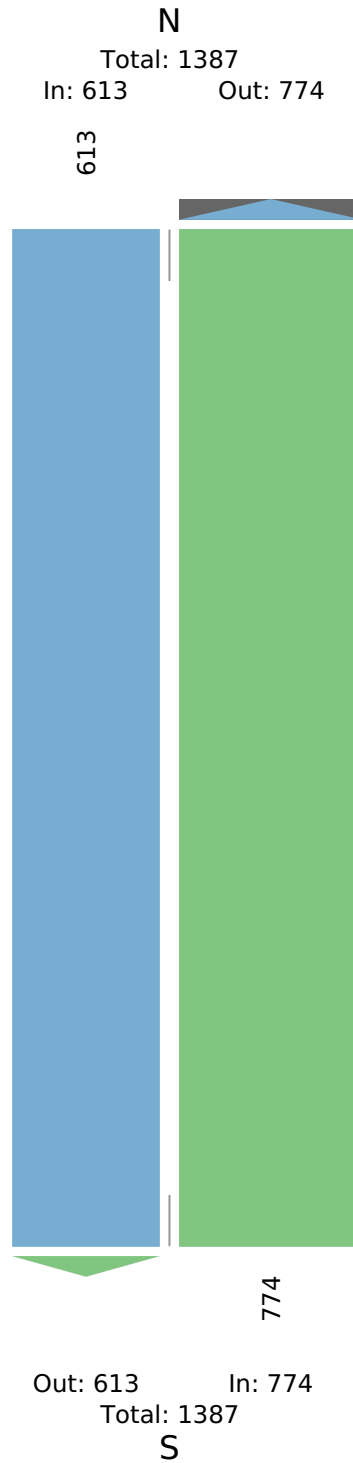
Midday Peak (1 PM - 2 PM)

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All Channels

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Western Avenue South of Pershing Avenue - ATR

Tue Apr 11, 2023

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

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

All Channels

ID: 1056993, Location: 41.82137, -87.684818

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

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Leg Direction	North Southbound		South Northbound		Int	
	T	App	T	App		
Time						
	2023-04-11 4:45PM	264	264	151	151	415
	5:00PM	256	256	164	164	420
	5:15PM	261	261	184	184	445
	5:30PM	247	247	191	191	438
	Total	1028	1028	690	690	1718
	% Approach	100%	-	100%	-	-
	% Total	59.8%	59.8%	40.2%	40.2%	-
	PHF	0.973	0.973	0.903	0.903	0.965
	Lights	988	988	658	658	1646
	% Lights	96.1%	96.1%	95.4%	95.4%	95.8%
	Articulated Trucks	15	15	12	12	27
	% Articulated Trucks	1.5%	1.5%	1.7%	1.7%	1.6%
	Buses and Single-Unit Trucks	25	25	20	20	45
	% Buses and Single-Unit Trucks	2.4%	2.4%	2.9%	2.9%	2.6%

*T: Thru

Western Avenue South of Pershing Avenue - ATR

Tue Apr 11, 2023

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

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

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 708-660-0305

Count Name: Western
 Avenue South of Pershing
 Road
 Site Code:
 Start Date: 04/11/2023
 Page No: 1

Direction (Southbound)

Start Time	Lights	Mediums	Articulated Trucks	Total
04/11/2023 12:00 AM	157	5	3	165
1:00 AM	104	5	6	115
2:00 AM	55	3	1	59
3:00 AM	48	3	4	55
4:00 AM	69	6	9	84
5:00 AM	166	10	10	186
6:00 AM	289	32	18	339
7:00 AM	478	38	14	530
8:00 AM	501	50	17	568
9:00 AM	402	40	28	470
10:00 AM	439	41	29	509
11:00 AM	472	34	53	559
12:00 PM	561	40	34	635
1:00 PM	550	26	37	613
2:00 PM	700	41	13	754
3:00 PM	929	37	19	985
4:00 PM	1004	26	15	1045
5:00 PM	977	28	16	1021
6:00 PM	871	17	5	893
7:00 PM	706	13	1	720
8:00 PM	548	9	5	562
9:00 PM	464	9	5	478
10:00 PM	395	5	5	405
11:00 PM	279	10	7	296
Total	11164	528	354	12046
Total %	92.7	4.4	2.9	100.0
AM Times	8:00 AM	10:00 AM	11:00 AM	8:00 AM
AM Peaks	501	41	53	568
PM Times	5:00 PM	12:00 PM	1:00 PM	5:00 PM
PM Peaks	977	40	37	1021



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

Count Name: Western
 Avenue South of Pershing
 Road
 Site Code:
 Start Date: 04/11/2023
 Page No: 2

Direction (Northbound)

Start Time	Lights	Mediums	Articulated Trucks	Total
04/11/2023 12:00 AM	81	5	1	87
1:00 AM	51	3	1	55
2:00 AM	76	6	8	90
3:00 AM	151	6	2	159
4:00 AM	332	10	7	349
5:00 AM	744	15	22	781
6:00 AM	925	43	43	1011
7:00 AM	884	28	35	947
8:00 AM	890	39	38	967
9:00 AM	676	38	56	770
10:00 AM	597	55	46	698
11:00 AM	509	33	60	602
12:00 PM	607	42	37	686
1:00 PM	675	56	43	774
2:00 PM	764	41	45	850
3:00 PM	632	32	16	680
4:00 PM	597	31	17	645
5:00 PM	652	23	13	688
6:00 PM	560	13	6	579
7:00 PM	491	9	7	507
8:00 PM	439	13	6	458
9:00 PM	377	10	2	389
10:00 PM	262	7	5	274
11:00 PM	137	4	3	144
Total	12109	562	519	13190
Total %	91.8	4.3	3.9	100.0
AM Times	8:00 AM	10:00 AM	11:00 AM	8:00 AM
AM Peaks	890	55	60	967
PM Times	5:00 PM	12:00 PM	1:00 PM	5:00 PM
PM Peaks	652	42	43	688



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