CHICAGO TRUCK PORTAL DATA PROJECT

Center For Neighborhood Technologies (CNT)
Little Village Environmental Justice Organization (LVEJO)

COUNT LOCATION: S. Commercial Avenue & E. 100th Street

South Deering, Ward 10

COUNT DATE: 06-10-25

COUNT TYPE: Turning Movement Counts (TMC)



PROJECT LOCATION MAP



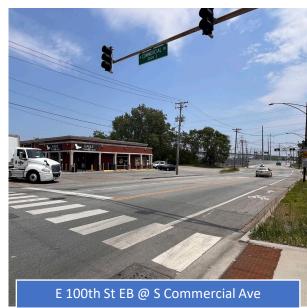
COUNT TYPE: Intersection Turning Movement

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 time period.

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. Commercial Avenue & E. 100th Street Intersection



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 Jun 10, 2025 Full Length (11 AM-11 AM (+1))

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

Road, Bicycles on Crosswalk)

All Movements

ID: 1309776, Location: 41.713433, -87.550967

Leg Commercial Avenue 100th Street Commercial Avenue 100th Street Direction Southbound Westbound Northbound Eastbound App Ped* Int Time R L U App Ped* R L U App Ped* R L U App Ped* R L U 2025-06-10 11:00AM 12:00PM 1:00PM 2:00PM 3:00PM 4:00PM 5:00PM 6:00PM 7:00PM 8:00PM 9:00PM 2 0 10:00PM 11:00PM 0 0 2025-06-11 12:00AM 1:00AM 0 0 2:00AM 3:00AM 4:00AM 5:00AM 6:00AM 7:00AM 8:00AM 9:00AM 10:00AM 11 0 Total 16 19102 % Approach 12.2% 53.4% 34.3% 0.1% 25.3% 66.0% 8.7% 0% 17.9% 78.9% 3.2% 0% 7.0% 78.0% 15.0% 0% % Total 3.6% 15.8% 10.2% 0% **29.6%** 7.8% 20.4% 2.7% 0% 30.9% 2.9% 13.0% 0.5% 0% 16.4% 1.6% 18.0% 3.5% 0% 23.1% Lights 460 0 5586 0 2930 636 0 **4183** 96.1% 93.6% 98.2% 66.7% **95.5%** 97.7% 94.3% 89.3% 0% **94.7%** 95.0% 92.9% 96.0% 0% **93.3%** 97.1% 94.3% 96.1% 0% **94.7%** 94.7% % Lights Single-Unit Trucks 11 0 % Single-Unit Trucks 1.6% 1.5% 0.8% 0% 1.3% 1.4% 1.1% 1.0% 0% **1.2%** 0.5% 1.4% 3.0% 0% **1.3%** 1.6% 1.5% 1.7% 0% **1.6%** 1.3% Articulated Trucks 50 0 0 0 6 0 % Articulated Trucks 0.6% 0.8% 0.6% 0% 0.7% 0.5% 4.1% 9.7% 0% **3.7%** 3.9% 0.9% 3.8% 0.9% 0% 3.2% 2.3% 0% 0% 1.4% 1.0% Buses 0 0 1 0 9 0 0.3% 0.4% 1.0% 3.9% 0.4% 0% 2.4% 0% 0% 0.3% 0.5% 4.9% 1.0% 0% 4.0% 0% 0.3% 1.4% 0% 0.5% 1.6% % Buses Bicvcles on Road 0 0 0 0 0 0 0.1% % Bicycles on Road 0% 33.3% **0.2%** 0.1% 0.1% 0% 0% **0.1%** 0% 0% 0% 0.3% 0% 0% 0% 0% 0.7% 0.1% 0% 0% Pedestrians % Pedestrians - 89.6% - 84.0% - 100% Bicycles on Crosswalk 6 Bicycles on Crosswalk - 22.5% - 10.4%

Naperville, IL, 60563, US

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

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

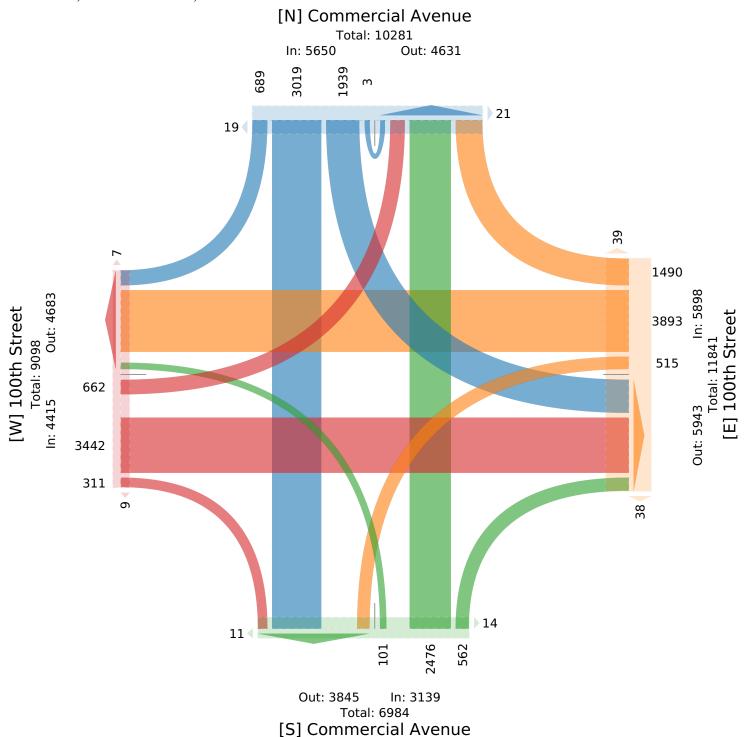
Tue Jun 10, 2025

Full Length (11 AM-11 AM (+1))

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

Bicycles on Road, Bicycles on Crosswalk)

All Movements



Commercial Avenue - 100th Street - TMC

Tue Jun 10, 2025

Midday Peak (Jun 10 2025 12PM - 1 PM)

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

All Movements

ID: 1309776, Location: 41.713433, -87.550967

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

Leg	Comm	ercial A	venue				100th Street						Comme	venue		100th Street									
Direction	Southb	ound					Westbo	und					Northb	ound					Eastbo	und					
Time	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App P	ed*	Int
2025-06-10 12:00PM	14	52	30	0	96	0	16	37	7	0	60	1	9	32	1	0	42	0	7	55	11	0	73	0	271
12:15PM	8	40	29	0	77	1	16	59	8	0	83	1	7	16	1	0	24	1	6	40	12	0	58	0	242
12:30PM	15	55	23	0	93	0	22	50	8	0	80	0	6	37	1	0	44	0	9	45	10	0	64	0	281
12:45PM	8	30	15	0	53	0	22	55	7	0	84	2	6	45	1	0	52	0	3	55	10	0	68	0	257
Total	45	177	97	0	319	1	76	201	30	0	307	4	28	130	4	0	162	1	25	195	43	0	263	0	1051
% Approach	14.1%	55.5%	30.4%	0%	-	-	24.8%	65.5%	9.8% ()%	-	-	17.3%	80.2%	2.5% ()%	-	-	9.5%	74.1%	16.3% (0%	-	-	-
% Total	4.3%	16.8%	9.2%	0% 3	30.4%	-	7.2%	19.1%	2.9% ()% 2	9.2%	-	2.7%	12.4%	0.4% ()% :	15.4%	-	2.4%	18.6%	4.1%	0% 2	25.0%	-	-
PHF	0.750	0.805	0.808	-	0.831	-	0.864	0.852	0.938	-	0.914	-	0.778	0.722	1.000	-	0.779	-	0.694	0.886	0.896	-	0.901	-	0.935
Lights	41	163	94	0	298	-	72	189	20	0	281	-	25	118	4	0	147	-	23	181	41	0	245	-	971
% Lights	91.1%	92.1%	96.9%	0% 9	93.4%	-	94.7%	94.0%	66.7% ()% 9	91.5%	-	89.3%	90.8%	100% ()% 9	90.7%	-	92.0%	92.8%	95.3% (0% 9	93.2%	-	92.4%
Single-Unit Trucks	3	3	1	0	7	-	1	7	1	0	9	-	0	3	0	0	3	-	1	6	1	0	8	-	27
% Single-Unit Trucks	6.7%	1.7%	1.0%	0%	2.2%	-	1.3%	3.5%	3.3% ()%	2.9%	-	0%	2.3%	0% ()%	1.9%	-	4.0%	3.1%	2.3%	0%	3.0%	-	2.6%
Articulated Trucks	0	3	2	0	5	-	1	1	9	0	11	-	2	3	0	0	5	-	1	7	0	0	8	_	29
% Articulated Trucks	0%	1.7%	2.1%	0%	1.6%	-	1.3%	0.5%	30.0% ()%	3.6%	-	7.1%	2.3%	0% ()%	3.1%	-	4.0%	3.6%	0% (0%	3.0%	-	2.8%
Buses	1	8	0	0	9	-	2	4	0	0	6	-	1	6	0	0	7	-	0	1	1	0	2	-	24
% Buses	2.2%	4.5%	0%	0%	2.8%	-	2.6%	2.0%	0% ()%	2.0%	-	3.6%	4.6%	0% ()%	4.3%	-	0%	0.5%	2.3%	0%	0.8%	-	2.3%
Bicycles on Road	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Bicycles on Road	0%	0%	0%	0%	0%	-	0%	0%	0% ()%	0%	-	0%	0%	0% ()%	0%	-	0%	0%	0% (0%	0%	_	0%
Pedestrians	-	-	-	-	-	1	-	-	-	-	-	4	-	-	-	-	-	1	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	_	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-

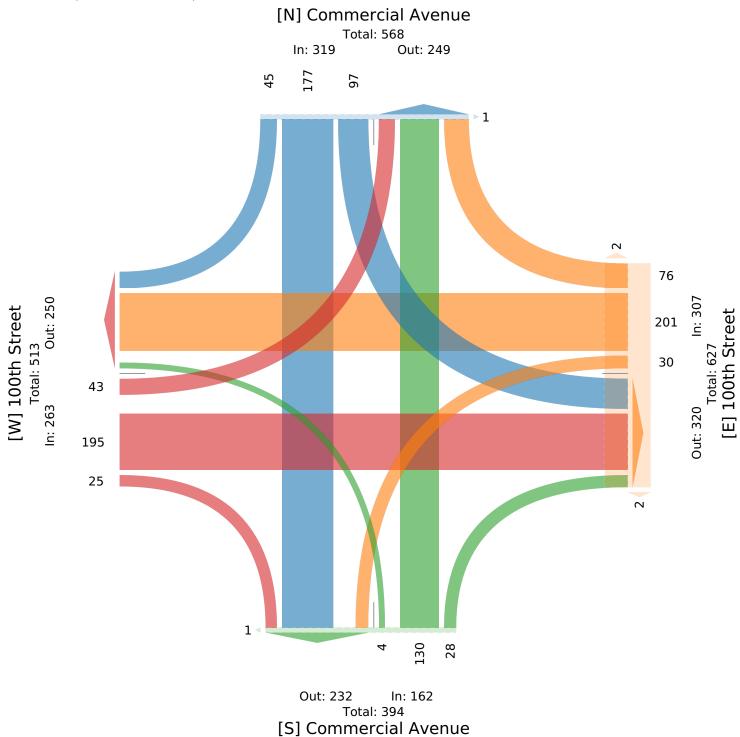
^{*}Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Tue Jun 10, 2025 Midday Peak (Jun 10 2025 12PM - 1 PM) All Classes (Lights, Single-Unit Trucks, Art

All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Pioveles on Pead Bioveles on Crosswalk)

Bicycles on Road, Bicycles on Crosswalk)

All Movements



Commercial Avenue - 100th Street - TMC

Tue Jun 10, 2025

PM Peak (Jun 10 2025 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: 1309776, Location: 41.713433, -87.550967

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

Leg	Comm	ercial A	Avenue				100th S	Street					Comm	ercial A	venue				100th S	treet					
Direction	South	oound					Westbo	ound					Northb	ound					Eastbou	ınd					
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
2025-06-10 4:45PM	12	79	54	0	145	4	27	88	15	0	130	0	10	41	3	0	54	0	4	81	16	0	101	2	430
5:00PM	21	87	44	0	152	0	36	64	11	0	111	1	12	40	2	0	54	0	4	74	9	0	87	1	404
5:15PM	11	89	45	0	145	0	20	58	12	0	90	1	9	40	2	0	51	0	5	64	9	0	78	0	364
5:30PM	11	77	43	0	131	0	27	67	7	0	101	0	16	33	2	0	51	1	6	64	13	0	83	0	366
Total	55	332	186	0	573	4	110	277	45	0	432	2	47	154	9	0	210	1	19	283	47	0	349	3	1564
% Approach	9.6%	57.9%	32.5%	0%	-	-	25.5%	64.1%	10.4%	0%	-	-	22.4%	73.3%	4.3% ()%	-	-	5.4%	81.1%	13.5%	0%	-	-	
% Total	3.5%	21.2%	11.9%	0% 3	36.6%	-	7.0%	17.7%	2.9%	0%	27.6%	-	3.0%	9.8%	0.6% ()% 1	3.4%	-	1.2%	18.1%	3.0%	0% 2	2.3%	-	
PHF	0.655	0.933	0.861	-	0.942	-	0.764	0.787	0.750	-	0.831	-	0.734	0.939	0.750	- (0.972	-	0.792	0.873	0.734	- (0.864	-	0.909
Lights	55	321	186	0	562	-	108	272	41	0	421	-	46	147	9	0	202	-	18	275	46	0	339	-	1524
% Lights	100%	96.7%	100%	0% 5	98.1%	-	98.2%	98.2%	91.1%	0%	97.5%	-	97.9%	95.5%	100% ()% 9	6.2%	-	94.7%	97.2%	97.9%	0% 9	7.1%	-	97.4%
Single-Unit Trucks	0	1	0	0	1	-	1	1	0	0	2	-	0	1	0	0	1	-	1	3	1	0	5	-	9
% Single-Unit Trucks	0%	0.3%	0%	0%	0.2%	-	0.9%	0.4%	0%	0%	0.5%	-	0%	0.6%	0% ()%	0.5%	-	5.3%	1.1%	2.1%	0%	1.4%	-	0.6%
Articulated Trucks	0	1	0	0	1	-	1	4	4	0	9	-	1	1	0	0	2	-	0	5	0	0	5	-	17
% Articulated Trucks	0%	0.3%	0%	0%	0.2%	-	0.9%	1.4%	8.9%	0%	2.1%	-	2.1%	0.6%	0% ()%	1.0%	-	0%	1.8%	0%	0%	1.4%	-	1.1%
Buses	0	9	0	0	9	-	0	0	0	0	0	-	0	5	0	0	5	-	0	0	0	0	0	-	14
% Buses	0%	2.7%	0%	0%	1.6%	-	0%	0%	0%	0%	0%	-	0%	3.2%	0% ()%	2.4%	-	0%	0%	0%	0%	0%	-	0.9%
Bicycles on Road	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	(
% Bicycles on Road	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0% ()%	0%	-	0%	0%	0%	0%	0%	-	0%
Pedestrians	-	-	-	-	-	4	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	3	
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	100%	
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	

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

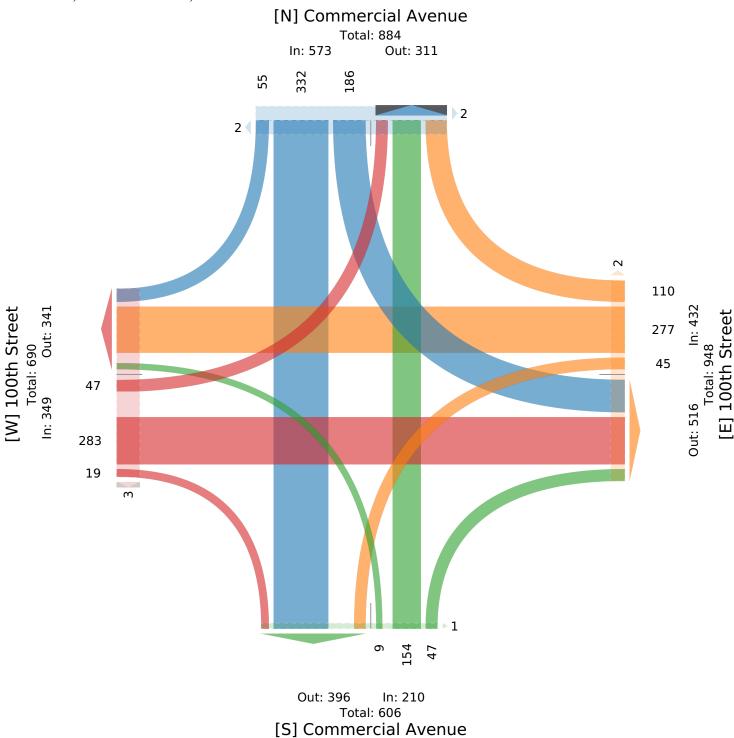
Tue Jun 10, 2025

PM Peak (Jun 10 2025 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



Commercial Avenue - 100th Street - TMC

Wed Jun 11, 2025

AM Peak (Jun 11 2025 7:15AM - 8:15 AM)

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

Road, Bicycles on Crosswalk)

All Movements

ID: 1309776, Location: 41.713433, -87.550967

Commercial Avenue 100th Street Commercial Avenue 100th Street Direction Southbound Westbound Northbound Eastbound App Ped* Int Time R Т L U App Ped* R Т L U App Ped* R Т L U App Ped* R L U 2025-06-11 7:15AM 7 0 14 239 9 24 16 0 49 25 50 0 82 5 51 1 57 1 36 0 51 7:30AM 16 39 29 0 84 0 25 53 6 0 84 0 4 70 2 0 76 5 49 13 0 67 311 25 7:45AM 19 54 32 0 105 59 10 0 94 0 7 79 1 0 87 5 45 19 0 69 355 8:00AM 10 35 27 0 72 38 60 6 0 104 8 75 1 0 84 3 42 13 0 58 318 310 245 1223 Total 54 104 113 222 364 24 304 14 172 59 152 0 29 0 275 5 0 0 % Approach 17.4% 49.0% 33.5% 0% 31.0% 61.0% 8.0% 0% 7.9% 90.5% 1.6% 0% 5.7% 70.2% 24.1% 0% % Total 4.4% 12.4% 8.5% 0% **25.3%** 9.2% 18.2% 2.4% 0% 29.8% 2.0% 22.5% 0.4% 0% 24.9% 1.1% 14.1% 4.8% 0% **20.0%** PHF 0.697 0.704 0.813 0.743 0.925 0.725 - 0.875 0.750 0.870 0.625 0.700 0.878 0.776 - 0.888 0.861 Lights 140 99 0 108 201 26 0 20 260 5 0 285 13 157 55 0 225 1132 % Lights 88.9% 92.1% 95.2% 0% **92.6%** 95.6% 90.5% 89.7% 0% **92.0%** 83.3% 94.5% 100% 0% 93.8% 92.9% 91.3% 93.2% 0% **91.8%** 92.6% Single-Unit Trucks 4 5 7 30 0 0 3 0 0 3 0 % Single-Unit Trucks 2.5% 7.4% 1.3% 1.0% 0% **2.3%** 3.5% 2.3% 0% 0% 2.5% 4.2% 1.1% 0% 0% 1.3% 0% 4.1% 5.1% 0% **4.1%** Articulated Trucks 38 3 0 15 3 0 18 3 0 0 6 1 % Articulated Trucks 1.9% 2.6% 2.9% 0% **2.6%** 0% 6.8% 10.3% 0% **4.9%** 12.5% 0.4% 0% 0% 1.3% 7.1% 3.5% 1.7% 0% 3.3% 3.1% 22 Buses 0 6 1 0 1 1 0 0 2 0 11 0 0 11 0 2 0 0 % Buses 0% 3.9% 1.0% 0% **2.3%** 0.9% 0.5% 0% 0% **0.5%** 0% 4.0% 0% 0% 3.6% 0% 1.2% 0% 0% **0.8%** 1.8% Bicycles on Road 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 % Bicycles on Road 1.9% 0% 0% 0% **0.3%** 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0.1% Pedestrians % Pedestrians - 100% - 100% - 100% - 100% Bicycles on Crosswalk % Bicycles on Crosswalk 0% 0% 0% 0%

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

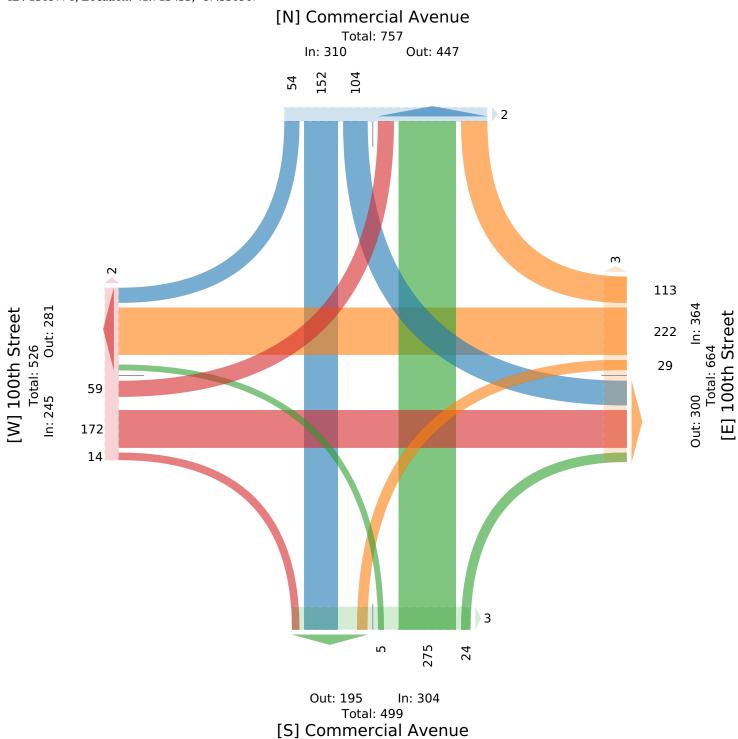
Wed Jun 11, 2025

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

Bicycles on Road, Bicycles on Crosswalk)

All Movements



Fish Transportation Group

1950 N Washington Street Suite 211 Naperville, Illinois 60563

Commercial Avenue - 100th Street 06-10-25

Total %

4.4

18.3

6.3

8.3

17.5

Commercial Avenue

100th Street Commercial Avenue From South Left Left Peds Right Thru Peds Right

100th Street

From West From North From East Right Start Time Thru Left Peds Right Thru Thru Left Peds Int. Total 11:00 AM 12:00 PM 01:00 PM 02:00 PM 03:00 PM 04:00 PM 05:00 PM 06:00 PM 07:00 PM 08:00 PM n 09:00 PM 10:00 PM 11:00 PM n n 12:00 AM 01:00 AM 02:00 AM 03:00 AM 04:00 AM 05:00 AM 06:00 AM 07:00 AM 08:00 AM 09:00 AM 10:00 AM **Grand Total** Apprch % 15.1 21.9 62.9 7.1 7.5 7.5 7.2 76.8 15.9

1.2

13.5

1.2

4.4

Groups Printed- Single Unit Trucks

Fish Transportation Group

1950 N Washington Street Suite 211 Naperville, Illinois 60563

Commercial Avenue - 100th Street 06-10-25

Groups Printed- Articulated Trucks

	Co	mmercia		е		100th S	Street	7.1.1		ommercia		е					
		From N	North			From	East			From S	South						
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Int. Total
11:00 AM	0	3	1	0	2	20	3	0	3	2	0	0	0	12	0	0	46
12:00 PM	0	3	2	0	1	1	9	0	2	3	0	0	1	7	0	0	29
01:00 PM	1	0	0	0	1	8	5	0	2	4	0	0	0	4	1	0	26
02:00 PM	0	5	1	0	0	9	4	0	3	2	0	0	0	3	1	0	28
03:00 PM	0	1	0	0	0	6	2	0	0	2	0	0	0	5	0	0	16
04:00 PM	1	0	0	0	0	3	3	0	2	2	0	0	0	3	0	0	14
05:00 PM	0	1	0	0	1	4	3	0	1	1	0	0	0	3	0	0	14
06:00 PM	0	1	2	0	0	2	1	0	0	0	0	0	0	5	0	0	11
07:00 PM	0	0	0	0	0	3	1	0	0	2	0	0	0	2	0	0	8
08:00 PM	0	0	0	0	0	3	0	0	0	1	0	0	0	3	0	0	7
09:00 PM	0	0	0	0	0	7	2	0	0	0	0	0	0	3	0	0	12
10:00 PM	0	0	0	0	0	2	1	0	0	0	0	0	0	2	0	0	5
11:00 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	3	0	0	5
12:00 AM	0	0	0	0	1	4	2	0	0	0	0	0	0	2	0	0	9
01:00 AM	0	0	0	0	0	2	1	0	0	0	0	0	0	4	0	0	7
02:00 AM	0	0	1	0	0	3	1	0	0	0	0	0	0	1	0	0	6
03:00 AM	0	0	0	0	1	3	0	0	0	0	0	0	0	3	0	0	7
04:00 AM	0	0	0	0	0	8	1	0	0	0	0	0	0	7	0	0	16
05:00 AM	0	0	0	0	0	3	0	0	1	1	0	0	0	3	0	0	8
06:00 AM	0	0	0	0	0	10	1	0	0	1	0	0	0	8	1	0	21
07:00 AM	0	2	3	0	0	13	2	0	1	1	0	0	1	13	1	0	37
08:00 AM	1	3	0	0	1	12	3	0	3	0	0	0	0	8	2	0	33
09:00 AM	1	3	1	0	0	15	0	0	1	0	0	0	1	12	0	0	34
10:00 AM	0	1	0	0	0	18	5	0	3	0	0	0	0	16	0	0	43
Grand Total	4	23	11	0	8	161	50	0	22	22	0	0	3	132	6	0	442
Apprch %	10.5	60.5	28.9	0	3.7	73.5	22.8	0	50	50	0	0	2.1	93.6	4.3	0	
Total %	0.9	5.2	2.5	0	1.8	36.4	11.3	0	5	5	0	0	0.7	29.9	1.4	0	