CHICAGO TRUCK PORTAL DATA PROJECT

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

COUNT LOCATION: W. Pershing Road & S. Damen Avenue

McKinley Park, Ward 12

COUNT DATE: 06-24-25

COUNT TYPE: Turning Movement Counts (TMC)



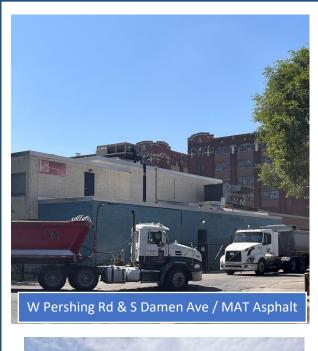
PROJECT LOCATION MAP

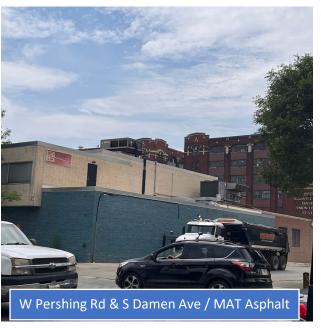


COUNT TYPE: Intersection Turning Movement

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



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 24, 2025

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

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

Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1312928, Location: 41.823117, -87.676329

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

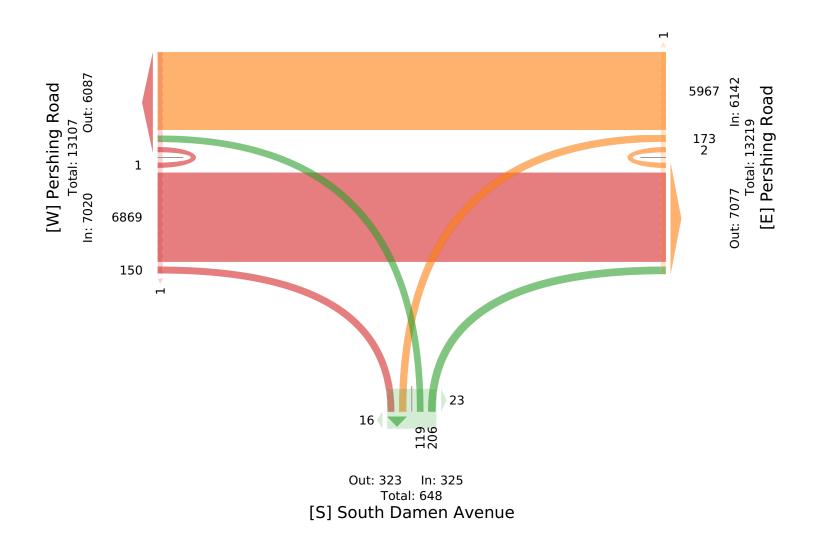
Leg Direction		Pershing l Westboun					South Da Northbou		nue			Pershing Road Eastbound					
Time		T	L	U	A	Ped*	R	L	U	A	Ped*	R	T	U	Λ	Ped*	Test
Time	2025-06-24 10:00AM	267	22	0	App 289	0	23	11	0	App 34	2	15	382	0	App 397	0	
	11:00AM	255	19	0	274	0	26	13	0	39	2	21	341	0	362	0	
	12:00PM	287	17	0	304	0	22	8	0	30	1	8	386	0	394	0	
	1:00PM	375	17	0	392	0	22	5	0	27	1	26	377	1	404	0	
	2:00PM	463	15	0	478	0	30	25	0	55	2	22	439	0	461	0	
	3:00PM	537	10	0	547	1	8	11	0	19	5		439	0	436	0	
	4:00PM	573	0	0	573	0	5	3	0	8	4	2	425	0	427	0	
	5:00PM	582	2	0	584	0	6	1	0	7	1	0	385	0	385	0	
	6:00PM	390	1	0	391	0	0	1	0	1	4	1	324	0	325	0	
		277	0	0	277	0	0		0	1	5		351	0	351	0	
	7:00PM 8:00PM	277	0	0	277	0	0	0	0	0	3		286	0	286	0	
	9:00PM	237	0	0	237	0	0	2	0	2	0		204	0	206	0	
			0	0	147		0	0	0	0			152	0	152	0	
	10:00PM	147	1	0		0			0	1	0			0	83	0	
	11:00PM 2025-06-25 12:00AM	75 65	0	0	76 65	0	0	0	0	0	0		83 63	0	63	0	
		30	3	0	33	0	2	0	0	2	0	0	38	0	38	0	
	1:00AM										0						
	2:00AM	30	0	0	30	0	1	0	0	1			39	0	39	0	
	3:00AM	31	1	0	32	0	1	0	0	1	0		78	0	79	0	
	4:00AM	41	4	0	45	0	3	0	0	3	0		147	0	149	0	
	5:00AM	119	6	1	126	0	3	0	0	3	0		331	0	338	0	
	6:00AM	168	9	0	177	0	9 16	6	0	15	7	11	391 402	0	402	0	_
	7:00AM	258	19	1	278	0		14		30	-				408	0	
	8:00AM	271	15	0	286	0	16	5	0	21	0		419	0	427	0	
	9:00AM	265	12	0	277	0	12	13	0	25	2		396	0	408	1	
	Total	5967	173	2	6142	1	206	119	0	325	39		6869	1	7020	1	13487
	% Approach	97.2%	2.8%	0%	-	-	63.4%	36.6%	0%			2.1%	97.8%	0%	-	-	
	% Total	44.2%	1.3%	0%	45.5%	-	1.5%	0.9%	0%	2.4%		1.1%	50.9%	0%	52.1%		4046
	Lights	5568	27	2	5597	-	45	15	0	60		29	6480	0	6509		12160
	% Lights	93.3%	15.6%	100%	91.1%	-	21.8%	12.6%	0%	18.5%		19.3%	94.3%	0%	92.7%		90.2%
	Single-Unit Trucks	227	21	0	248	-	24	9	0	33		14	229	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	244		525
	% Single-Unit Trucks	3.8%	12.1%	0%	4.0%	-	11.7%	7.6%	0%	10.2%		9.3%	3.3%	100%	3.5%		3.9%
	Articulated Trucks	81	125	0	206	-	137	95	0	232		106	66	0	172		610
	% Articulated Trucks	1.4%	72.3%	0%	3.4%	-	66.5%	79.8%	0%	71.4%		70.7%	1.0%	0%	2.5%	-	4.5%
	Buses	63	0	0	63	-	0	0	0	0		0	66	0	66	-	129
	% Buses	1.1%	0%	0%	1.0%	-	0%	0%	0%	0%		0%	1.0%	0%	0.9%	-	1.0%
	Bicycles on Road	28	0	0	28	-	0	0	0	0	-	1	28	0	29	-	57
	% Bicycles on Road	0.5%	0%	0%	0.5%	-	0%	0%		0%	-	0.7%	0.4%	0%	0.4%	-	0.4%
	Pedestrians	-	-	-	-	1	-	-	-	-	26		-	-	-	1	
	% Pedestrians	-	-	-	-	100%	-	-	-	-		-	-	-	-	100%	
	Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	13	-	-	-	-	0	
%	Bicycles on Crosswalk	-	-	-	-	0%	-	-	-	-	33.3%	-	-	-	-	0%	

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

Tue Jun 24, 2025 Full Length (10 AM-10 AM (+1)) All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1312928, Location: 41.823117, -87.676329



Tue Jun 24, 2025

Midday Peak (Jun 24 2025 1PM - 2 PM)

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

Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1312928, Location: 41.823117, -87.676329

Pershing Road South Damen Avenue Pershing Road Leg Direction Westbound Northbound Eastbound Time T L U App Ped* R U App Ped* T U App Ped* Int 2025-06-24 1:00PM 2 0 83 85 4 0 89 0 2 4 1 1 85 178 0 7 0 7 0 210 1:15PM 91 4 0 95 1 8 0 100 0 107 1:30PM 82 0 83 0 9 2 0 11 0 6 110 0 116 0 210 1:45PM 117 8 0 125 0 4 0 0 4 12 84 0 96 0 225 375 17 377 404 0 823 0 22 5 0 27 26 Total 392 1 % Approach 95.7% 4.3% 0% 81.5% 18.5% 0% 6.4% 93.3% 0.2% 0.1% % Total 45.6% 2.1% 0% 47.6% 2.7% 0.6% 0% 3.3% 3.2% 45.8% 49.1% PHF 0.797 0.531 0.780 0.611 0.625 0.614 0.542 0.857 0.250 0.871 0.912 Lights 347 0 0 347 0 0 341 0 347 700 6 6 % Lights 92.5% 0% 0% 88.5% 27.3% 0% 0% 22.2% 23.1% 90.5% 0% 85.9% 85.1% Single-Unit Trucks 0 16 3 0 22 25 45 15 % Single-Unit Trucks 4.0% 5.9% 0% 4.1% 13.6% 20.0% 0% 14.8% 7.7% 5.8% 100% 6.2% 5.5% 71 Articulated Trucks 8 16 0 24 13 4 0 17 18 12 0 30 6.1% % Articulated Trucks 2.1% 94.1% 0% 59.1% 80.0% 0% 63.0% 69.2% 3.2% 0% 7.4% 8.6% 3 0 2 2 Buses 3 0 0 0 0 0 0 0

0%

0%

0

0% 0%

0% 0%

0 0 0%

0%

0

100%

0%

0%

0

0%

0.5%

0

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0%

0%

0

-

0.5%

0

0%

0.6%

0.2%

0

0

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Naperville, IL, 60563, US

0% 0%

> 0 0

0%

0%

0.8%

0.5%

2

0

0

0.8%

0.5%

2

% Buses Bicycles on Road

Pedestrians

% Pedestrians

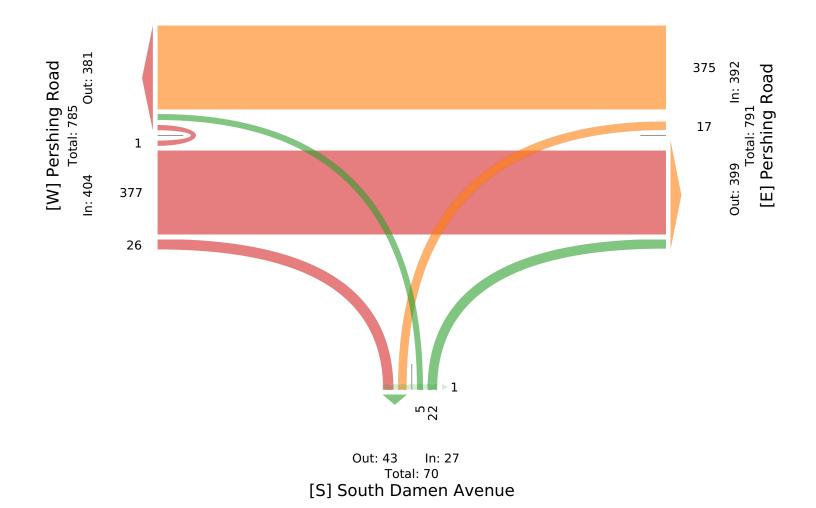
% Bicycles on Road

Bicycles on Crosswalk

% Bicycles on Crosswalk

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

Tue Jun 24, 2025 Midday Peak (Jun 24 2025 1PM - 2 PM) All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk) All Movements ID: 1312928, Location: 41.823117, -87.676329



Tue Jun 24, 2025

PM Peak (Jun 24 2025 3:30PM - 4:30 PM) - Overall Peak Hour

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

Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1312928, Location: 41.823117, -87.676329

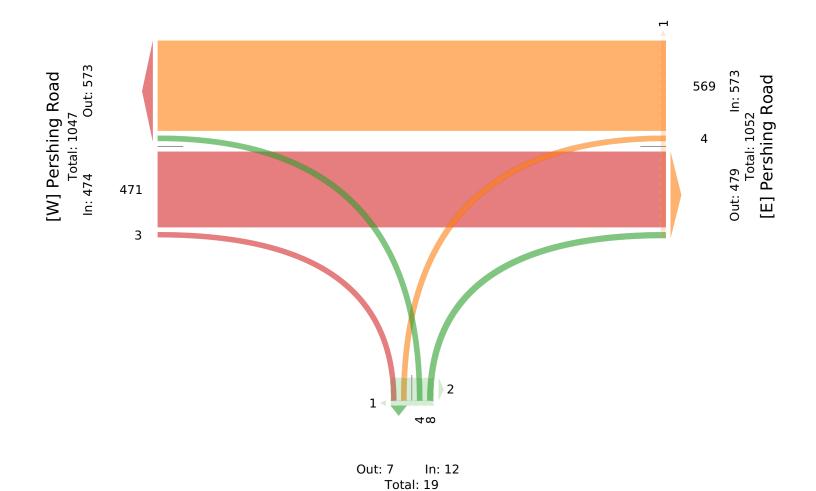
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Leg	Pershing Road					South Dan	nen Aven		Pershing Road							
Direction	Westboun	d				Northbour	nd				Eastbound					
Time	Т	L	U	App	Ped*	R	L	U	App	Ped*	R	Т	U	App	Ped*	Int
2025-06-24 3:30PM	155	2	0	157	0	4	1	0	5	0	2	114	0	116	0	278
3:45PM	146	2	0	148	1	0	1	0	1	2	0	119	0	119	0	268
4:00PM	123	0	0	123	0	2	1	0	3	1	0	124	0	124	0	250
4:15PM	145	0	0	145	0	2	1	0	3	0	1	114	0	115	0	263
Tota	569	4	0	573	1	8	4	0	12	3	3	471	0	474	0	1059
% Approach	99.3%	0.7%	0%	-	-	66.7%	33.3%	0%	-	-	0.6%	99.4%	0%	-	-	-
% Tota	53.7%	0.4%	0%	54.1%	-	0.8%	0.4%	0%	1.1%	-	0.3%	44.5%	0%	44.8%	-	-
PHI	0.916	0.500	-	0.911	-	0.500	1.000	-	0.600	-	0.375	0.946	-	0.952	-	0.950
Lights	540	0	0	540	-	5	2	0	7	-	1	457	0	458	-	1005
% Lights	94.9%	0%	0%	94.2%	-	62.5%	50.0%	0%	58.3%	-	33.3%	97.0%	0%	96.6%	-	94.9%
Single-Unit Trucks	16	0	0	16	-	0	0	0	0	-	1	5	0	6	-	22
% Single-Unit Trucks	2.8%	0%	0%	2.8%	-	0%	0%	0%	0%	-	33.3%	1.1%	0%	1.3%	-	2.1%
Articulated Trucks	7	4	0	11	-	3	2	0	5	-	1	3	0	4	-	20
% Articulated Trucks	1.2%	100%	0%	1.9%	-	37.5%	50.0%	0%	41.7%	-	33.3%	0.6%	0%	0.8%	-	1.9%
Buses	5	0	0	5	-	0	0	0	0	-	0	4	0	4	-	9
% Buses	0.9%	0%	0%	0.9%	-	0%	0%	0%	0%	-	0%	0.8%	0%	0.8%	-	0.8%
Bicycles on Road	1	0	0	1	-	0	0	0	0	-	0	2	0	2	-	3
% Bicycles on Road	0.2%	0%	0%	0.2%	-	0%	0%	0%	0%	-	0%	0.4%	0%	0.4%	-	0.3%
Pedestrians	-	-	-	-	1	-	-	-	-	1	-	-	-	-	0	
% Pedestrians	-	-	-	-	100%	-	-	-	-	33.3%	-	-	-	-	-	-
Bicycles on Crosswall	-	-	-	-	0	-	-	-	-	2	-	-	-	-	0	
% Bicycles on Crosswall	-	-	-	-	0%	-	-	-	-	66.7%	-	-	-	-	-	-

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

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Tue Jun 24, 2025 PM Peak (Jun 24 2025 3:30PM - 4:30 PM) - Overall Peak Hour All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk) All Movements ID: 1312928, Location: 41.823117, -87.676329



[S] South Damen Avenue

Wed Jun 25, 2025

AM Peak (Jun 25 2025 8:30AM - 9:30 AM)

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

Bicycles on Road, Bicycles on Crosswalk)

% Pedestrians

Bicycles on Crosswalk

% Bicycles on Crosswalk

All Movements

ID: 1312928, Location: 41.823117, -87.676329

South Damen Avenue Pershing Road Leg Pershing Road Direction Westbound Northbound Eastbound Time L U App Ped* U App Ped* R Τ U App Ped* Int 3 112 0 2025-06-25 8:30AM 86 8 0 94 5 2 0 7 0 115 216 74 0 0 174 8:45AM 0 0 74 6 0 0 6 2 92 0 94 0 9:00AM 64 6 0 70 0 3 0 0 3 2 2 100 0 102 175 9:15AM 76 1 0 77 0 4 2 0 6 0 4 101 0 105 0 188 0 405 753 300 15 315 22 11 0 416 Total 0 18 4 0 % Approach 95.2% 4.8% 0% 81.8% 18.2% 0% 2.6% 97.4% 0% 0% 0% % Total 39.8% 2.0% 41.8% 2.4% 0.5% 2.9% 1.5% 53.8% 0% 55.2% PHF 0.872 0.469 0.838 0.750 0.500 0.786 0.688 0.904 0.904 0.872 Lights 272 1 0 273 2 0 0 376 0 379 654 % Lights 90.7% 6.7% 0% 86.7% 11.1% 0% 0% 9.1% 27.3% 92.8% 0% 91.1% 86.9% Single-Unit Trucks 19 20 22 47 0 0 21 0 % Single-Unit Trucks 6.3% 6.7% 6.3% 22.2% 22.7% 9.1% 5.2% 0% 5.3% 6.2% 0% 25.0% 0% 41 Articulated Trucks 0 16 12 0 15 0 10 3 13 3 7 3 5.4% % Articulated Trucks 1.0% 86.7% 0% 5.1% 66.7% 75.0% 0% 68.2% 63.6% 0.7% 0% 2.4% 5 11 Buses 6 0 0 6 0 0 0 0 0 5 1.5% 2.0% 0% 0% 1.9% 0% 0% 0% 0% 1.2% % Buses 0% 0% 1.2% Bicycles on Road 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% Pedestrians 0

100%

0

0%

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

100%

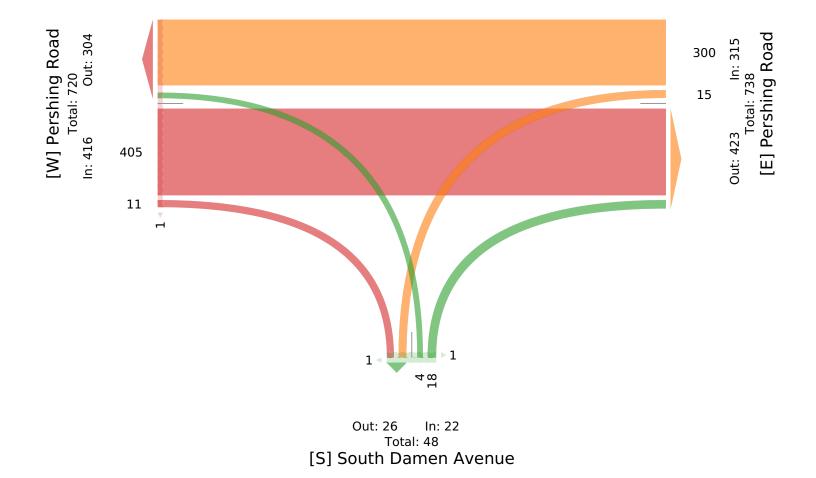
0

0%

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

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Wed Jun 25, 2025 AM Peak (Jun 25 2025 8:30AM - 9:30 AM) All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk) All Movements ID: 1312928, Location: 41.823117, -87.676329



Fish Transportation Group

1950 N Washington Street Suite 211 Naperville, Illinois 60563

South Damen Avenue - Pershing Road MAT Asphalt driveway 06-24-25

Total %

43.2

4.6

Groups Printed-Single Unit Trucks Pershing Road South Damen Avenue Pershing Road From East From South From West Start Time Thru Left Peds Right Left Peds Right Thru Left Peds Int. Total 10:00 AM 3 11:00 AM 12:00 PM 01:00 PM 02:00 PM 22 03:00 PM 04:00 PM 05:00 PM 06:00 PM 07:00 PM 08:00 PM 2 2 0 2 09:00 PM 10:00 PM 11:00 PM 12:00 AM 2 0 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 0 **Grand Total** 8.5 72.7 27.3 5.7 0.4 Apprch % 91.5 93.9

2.7

43.6

0.2

Fish Transportation Group

1950 N Washington Street Suite 211 Naperville, Illinois 60563

South Damen Avenue - Pershing Road MAT Asphalt driveway 06-24-25

Total %

13.3

20.5

22.5

Groups Printed- Articulated Trucks Pershing Road South Damen Avenue Pershing Road From East From South From West Start Time Thru Left Peds Right Left Peds Right Thru Left Peds Int. Total 10:00 AM 11:00 AM 12:00 PM 01:00 PM 02:00 PM 03:00 PM 04:00 PM 05:00 PM 2 06:00 PM 07:00 PM 08:00 PM 09:00 PM 10:00 PM 11:00 PM 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 **Grand Total** 39.3 40.9 61.6 38.4 Apprch % 60.7 59.1

15.6

17.4

10.8