

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

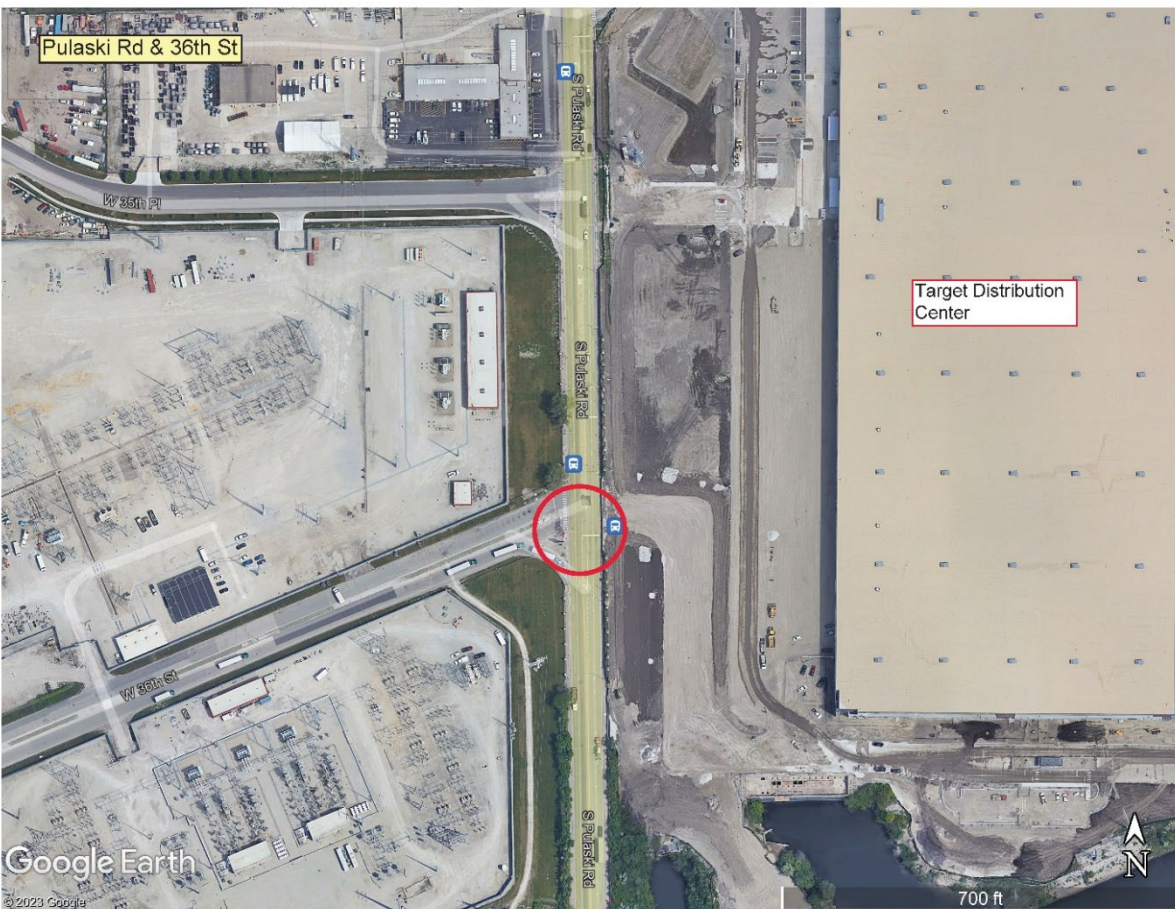


COUNT LOCATION: S. Pulaski Rd. & W. 36th St.
South Lawndale

COUNT DATE: 04-11-2023

COUNT TYPE: Turning Movement Counts (TMC)

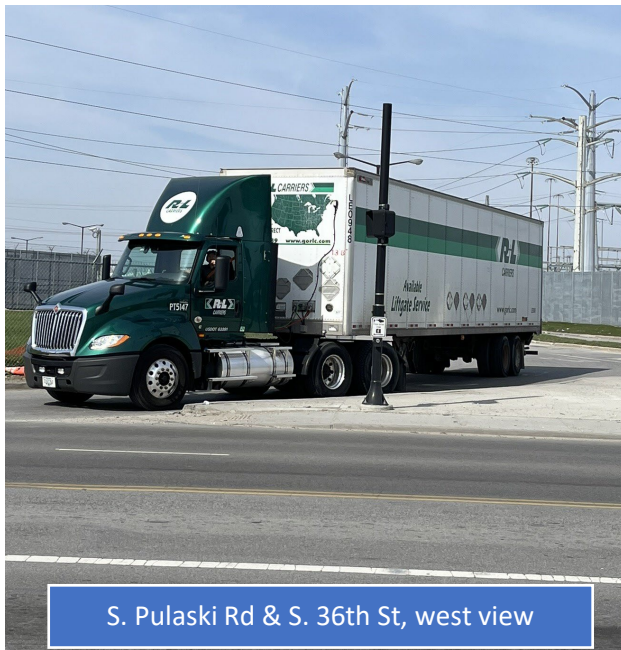
PROJECT LOCATION MAP



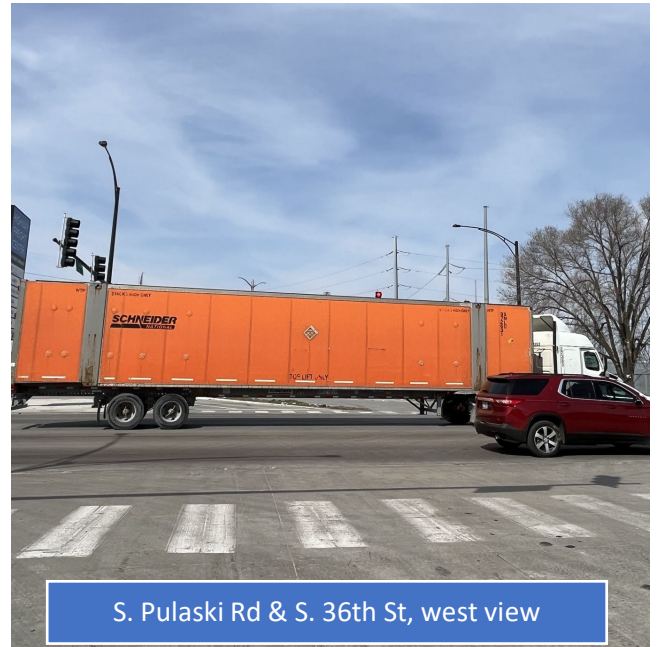
COUNT TYPE: Intersection Turning Movement

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.

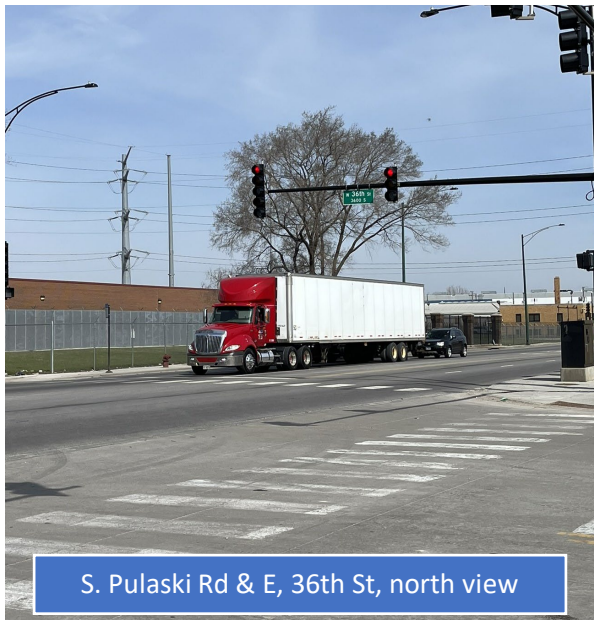
SITE PHOTOS



S. Pulaski Rd & S. 36th St, west view



S. Pulaski Rd & S. 36th St, west view



S. Pulaski Rd & E. 36th St, north view



S. Pualski Rd & E. 36th St, north view

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.

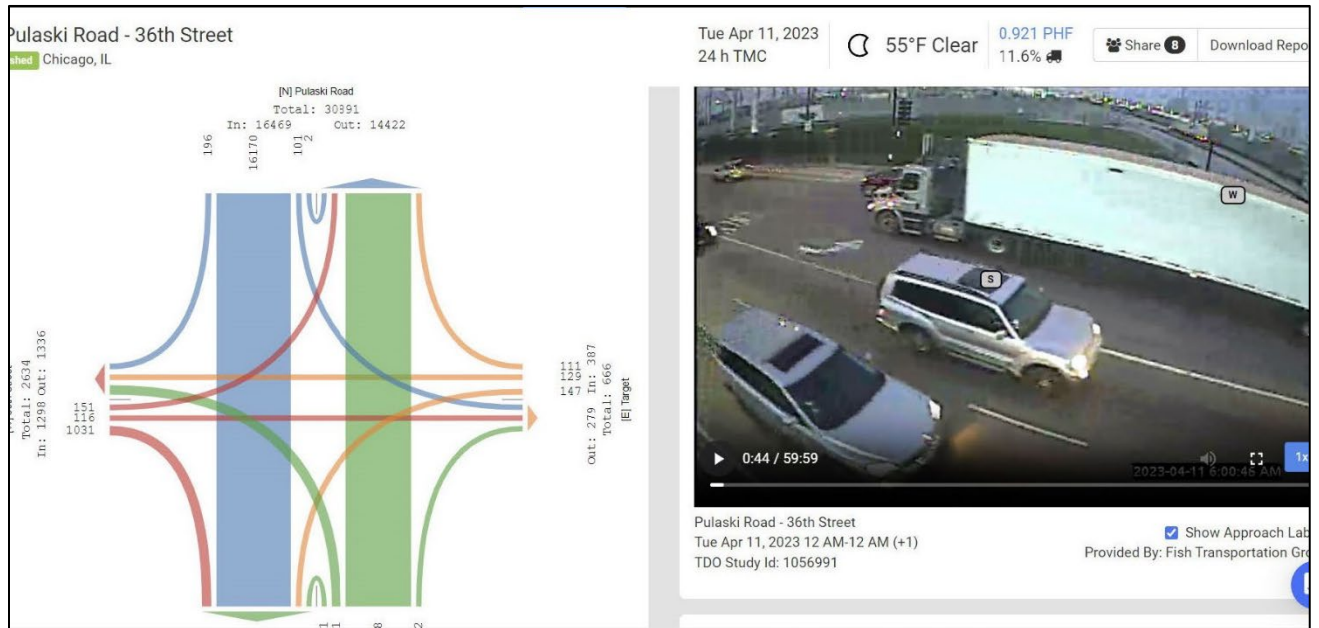
Miovision Datalink Reports

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. Pulaski Rd. & W. 36th St.



FTG Summary Reports

Truck volume summary reports were generated by FTG using Jamar PetraPro Software. The following reports were prepared for each count location:

1. Hourly truck volumes (all trucks)
 - Volumes tabulated by hour, approach, vehicle movement
2. Hourly heavy truck volumes
 - Summary of articulated truck volumes by hour, approach, vehicle movement

Both Miovision and FTG reports are attached below.

Pulaski Road - 36th Street - TMC

Tue Apr 11, 2023

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

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

All Movements

ID: 1056991, Location: 41.828839, -87.724171

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

Naperville, IL, 60563, US

Leg Direction	Pulaski Road Southbound					Target Westbound					Pulaski Road Northbound					36th Street Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2023-04-11 12:00AM	0	152	1	1	154	1	6	0	0	7	0	156	19	0	175	28	7	3	0	38	374
1:00AM	0	110	2	0	112	2	4	1	0	7	0	147	30	0	177	19	8	2	0	29	325
2:00AM	3	97	1	0	101	2	1	3	0	6	1	121	30	0	152	30	1	1	0	32	291
3:00AM	4	222	1	0	227	2	2	1	0	5	1	212	33	0	246	31	4	5	0	40	518
4:00AM	6	650	4	0	660	9	4	30	0	43	1	364	58	0	423	26	4	2	0	32	1158
5:00AM	8	760	4	0	772	5	1	7	0	13	3	622	51	0	676	31	2	7	0	40	1501
6:00AM	10	892	3	0	905	4	2	1	0	7	5	839	74	0	918	27	1	5	0	33	1863
7:00AM	11	854	1	0	866	1	3	1	0	5	3	1014	55	0	1072	38	7	7	0	52	1995
8:00AM	20	842	3	1	866	4	4	0	0	8	1	792	51	0	844	38	5	6	0	49	1767
9:00AM	17	679	5	0	701	9	10	3	0	22	5	580	66	0	651	43	9	15	0	67	1441
10:00AM	13	641	2	0	656	3	9	2	0	14	5	710	62	0	777	82	5	13	0	100	1547
11:00AM	7	657	8	0	672	6	4	4	0	14	1	656	44	6	707	51	4	8	0	63	1456
12:00PM	6	722	5	0	733	9	1	2	0	12	5	687	51	1	744	66	2	11	0	79	1568
1:00PM	11	899	8	0	918	7	8	2	0	17	1	788	42	1	832	51	6	5	0	62	1829
2:00PM	14	1204	9	0	1227	5	6	1	0	12	2	781	54	0	837	57	0	3	0	60	2136
3:00PM	20	1185	9	0	1214	5	5	2	0	12	0	802	36	1	839	62	6	9	0	77	2142
4:00PM	7	1264	1	0	1272	3	3	9	0	15	1	836	47	0	884	97	3	12	0	112	2283
5:00PM	16	1078	3	0	1097	2	6	14	0	22	4	870	45	0	919	57	5	8	0	70	2108
6:00PM	9	1035	10	0	1054	12	6	56	0	74	5	827	25	1	858	40	4	8	0	52	2038
7:00PM	3	685	10	0	698	11	8	1	0	20	3	647	31	0	681	27	5	5	0	37	1436
8:00PM	2	572	3	0	577	2	7	1	0	10	7	562	25	1	595	25	4	6	0	35	1217
9:00PM	4	433	5	0	442	5	9	1	0	15	5	460	22	0	487	28	6	5	0	39	983
10:00PM	2	318	2	0	322	1	5	3	0	9	1	376	33	0	410	47	3	3	0	53	794
11:00PM	3	219	1	0	223	1	15	2	0	18	2	309	27	0	338	30	15	2	0	47	626
Total	196	16170	101	2	16469	111	129	147	0	387	62	14158	1011	11	15242	1031	116	151	0	1298	33396
% Approach	1.2%	98.2%	0.6%	0%	-	28.7%	33.3%	38.0%	0%	-	0.4%	92.9%	6.6%	0.1%	-	79.4%	8.9%	11.6%	0%	-	-
% Total	0.6%	48.4%	0.3%	0%	49.3%	0.3%	0.4%	0.4%	0%	1.2%	0.2%	42.4%	3.0%	0%	45.6%	3.1%	0.3%	0.5%	0%	3.9%	-
Lights	136	14783	39	1	14959	53	15	144	0	212	49	13030	552	10	13641	584	18	104	0	706	29518
% Lights	69.4%	91.4%	38.6%	50.0%	90.8%	47.7%	11.6%	98.0%	0%	54.8%	79.0%	92.0%	54.6%	90.9%	89.5%	56.6%	15.5%	68.9%	0%	54.4%	88.4%
Articulated Trucks	30	463	36	1	530	24	58	1	0	83	7	303	343	1	654	327	47	20	0	394	1661
% Articulated Trucks	15.3%	2.9%	35.6%	50.0%	3.2%	21.6%	45.0%	0.7%	0%	21.4%	11.3%	2.1%	33.9%	9.1%	4.3%	31.7%	40.5%	13.2%	0%	30.4%	5.0%
Buses and Single-Unit Trucks	30	924	26	0	980	34	56	2	0	92	6	825	116	0	947	120	51	27	0	198	2217
% Buses and Single-Unit Trucks	15.3%	5.7%	25.7%	0%	6.0%	30.6%	43.4%	1.4%	0%	23.8%	9.7%	5.8%	11.5%	0%	6.2%	11.6%	44.0%	17.9%	0%	15.3%	6.6%

*L: Left, R: Right, T: Thru, U: U-Turn

Pulaski Road - 36th Street - TMC

Tue Apr 11, 2023

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

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

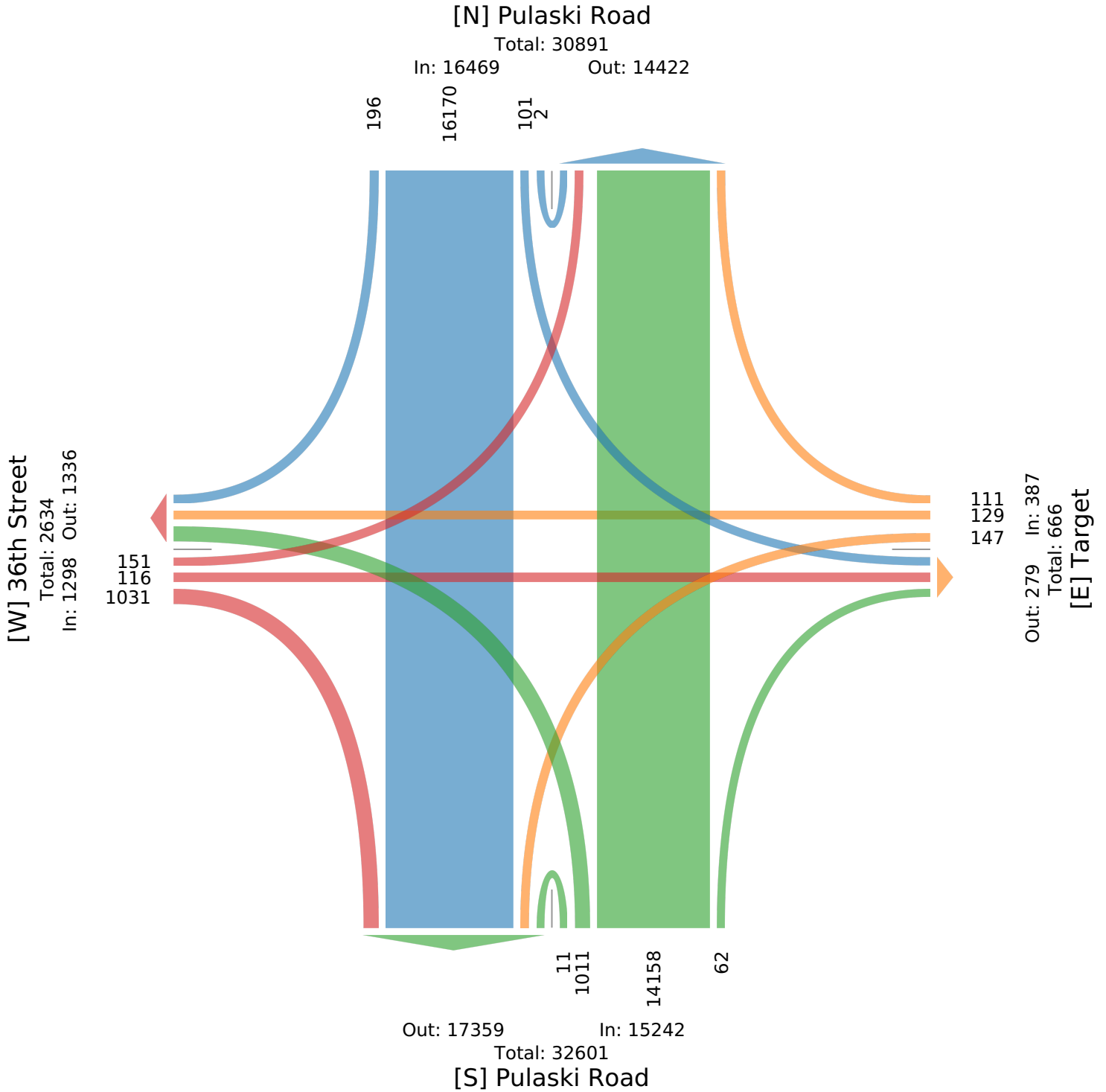
All Movements

ID: 1056991, Location: 41.828839, -87.724171

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

Naperville, IL, 60563, US



Pulaski Road - 36th Street - TMC

Tue Apr 11, 2023

AM Peak (7:15 AM - 8:15 AM)

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

All Movements

ID: 1056991, Location: 41.828839, -87.724171

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

Naperville, IL, 60563, US

Leg Direction	Pulaski Road Southbound					Target Westbound					Pulaski Road Northbound					36th Street Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2023-04-11 7:15AM	6	210	0	0	216	0	0	0	0	0	0	257	16	0	273	14	0	2	0	16	505
7:30AM	0	248	0	0	248	1	2	0	0	3	1	249	6	0	256	13	5	3	0	21	528
7:45AM	3	210	0	0	213	0	1	1	0	2	2	292	11	0	305	6	2	1	0	9	529
8:00AM	3	217	0	0	220	2	1	0	0	3	0	199	15	0	214	9	0	2	0	11	448
Total	12	885	0	0	897	3	4	1	0	8	3	997	48	0	1048	42	7	8	0	57	2010
% Approach	1.3%	98.7%	0%	0%	-	37.5%	50.0%	12.5%	0%	-	0.3%	95.1%	4.6%	0%	-	73.7%	12.3%	14.0%	0%	-	-
% Total	0.6%	44.0%	0%	0%	44.6%	0.1%	0.2%	0%	0%	0.4%	0.1%	49.6%	2.4%	0%	52.1%	2.1%	0.3%	0.4%	0%	2.8%	-
PHF	0.500	0.892	-	-	0.904	0.375	0.500	0.250	-	0.667	0.375	0.854	0.750	-	0.859	0.750	0.350	0.667	-	0.679	0.950
Lights	10	792	0	0	802	0	0	1	0	1	1	937	34	0	972	14	5	4	0	23	1798
% Lights	83.3%	89.5%	0%	0%	89.4%	0%	0%	100%	0%	12.5%	33.3%	94.0%	70.8%	0%	92.7%	33.3%	71.4%	50.0%	0%	40.4%	89.5%
Articulated Trucks	1	30	0	0	31	0	1	0	0	1	1	20	9	0	30	16	2	2	0	20	82
% Articulated Trucks	8.3%	3.4%	0%	0%	3.5%	0%	25.0%	0%	0%	12.5%	33.3%	2.0%	18.8%	0%	2.9%	38.1%	28.6%	25.0%	0%	35.1%	4.1%
Buses and Single-Unit Trucks	1	63	0	0	64	3	3	0	0	6	1	40	5	0	46	12	0	2	0	14	130
% Buses and Single-Unit Trucks	8.3%	7.1%	0%	0%	7.1%	100%	75.0%	0%	0%	75.0%	33.3%	4.0%	10.4%	0%	4.4%	28.6%	0%	25.0%	0%	24.6%	6.5%

*L: Left, R: Right, T: Thru, U: U-Turn

Pulaski Road - 36th Street - TMC

Tue Apr 11, 2023

AM Peak (7:15 AM - 8:15 AM)

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

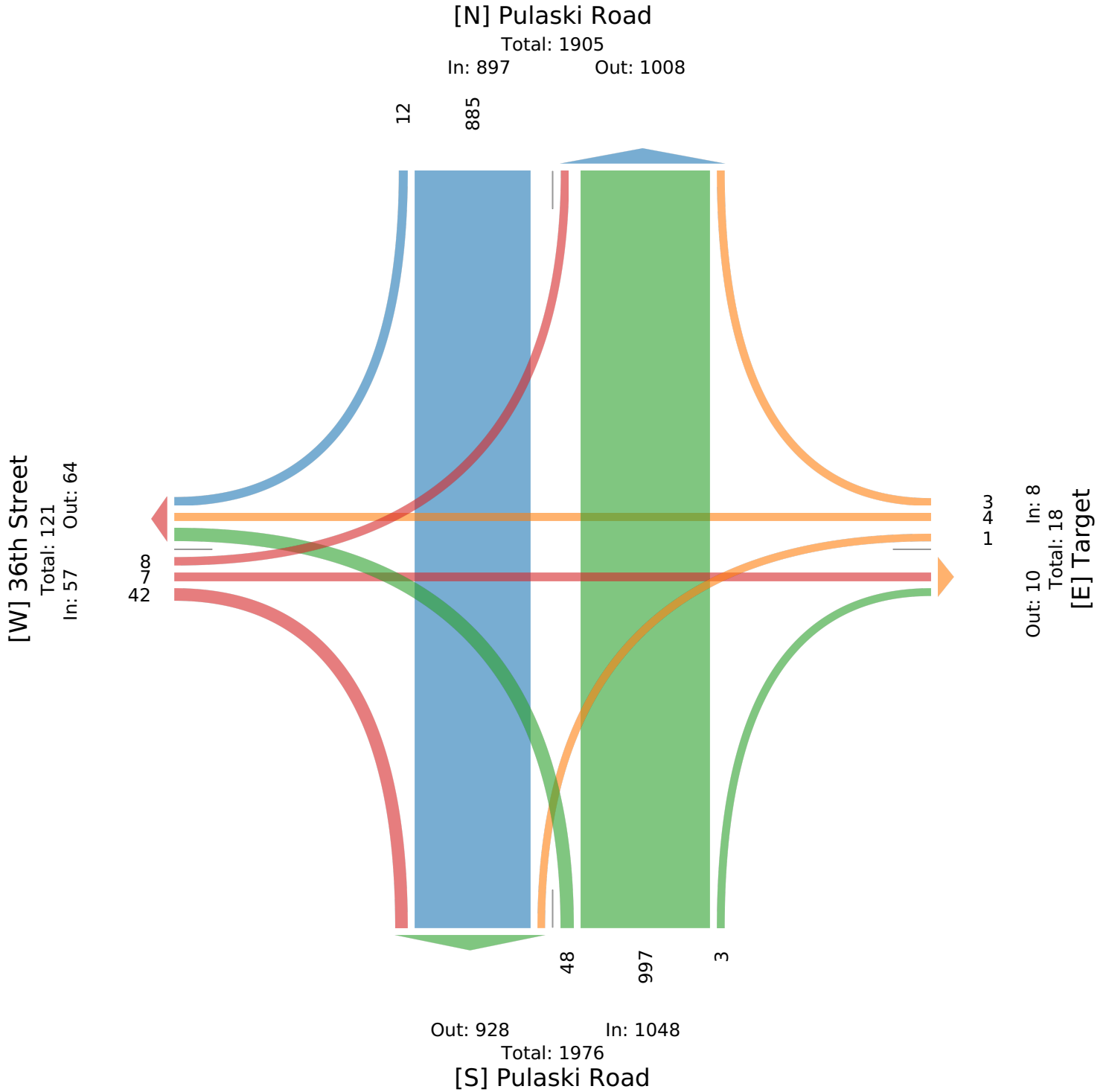
All Movements

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Pulaski Road - 36th Street - TMC

Tue Apr 11, 2023

Midday Peak (1 PM - 2 PM)

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

All Movements

ID: 1056991, Location: 41.828839, -87.724171

Provided by: Fish Transportation Group Inc.

1950 N Washington Street, Suite 211,

Naperville, IL, 60563, US

Leg Direction	Pulaski Road Southbound					Target Westbound					Pulaski Road Northbound					36th Street Eastbound					Int
	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	
2023-04-11 1:00PM	1	206	1	0	208	1	3	1	0	5	0	172	12	1	185	13	1	2	0	16	414
1:15PM	3	207	3	0	213	2	2	1	0	5	0	199	7	0	206	17	2	0	0	19	443
1:30PM	5	239	2	0	246	1	3	0	0	4	1	206	11	0	218	12	0	2	0	14	482
1:45PM	2	247	2	0	251	3	0	0	0	3	0	211	12	0	223	9	3	1	0	13	490
Total	11	899	8	0	918	7	8	2	0	17	1	788	42	1	832	51	6	5	0	62	1829
% Approach	1.2%	97.9%	0.9%	0%	-	41.2%	47.1%	11.8%	0%	-	0.1%	94.7%	5.0%	0.1%	-	82.3%	9.7%	8.1%	0%	-	-
% Total	0.6%	49.2%	0.4%	0%	50.2%	0.4%	0.4%	0.1%	0%	0.9%	0.1%	43.1%	2.3%	0.1%	45.5%	2.8%	0.3%	0.3%	0%	3.4%	-
PHF	0.550	0.910	0.667	-	0.914	0.583	0.667	0.500	-	0.850	0.250	0.934	0.875	0.250	0.933	0.750	0.500	0.625	-	0.816	0.933
Lights	4	816	5	0	825	3	3	2	0	8	1	678	19	1	699	27	1	2	0	30	1562
% Lights	36.4%	90.8%	62.5%	0%	89.9%	42.9%	37.5%	100%	0%	47.1%	100%	86.0%	45.2%	100%	84.0%	52.9%	16.7%	40.0%	0%	48.4%	85.4%
Articulated Trucks	1	45	2	0	48	3	3	0	0	6	0	29	15	0	44	21	2	1	0	24	122
% Articulated Trucks	9.1%	5.0%	25.0%	0%	5.2%	42.9%	37.5%	0%	0%	35.3%	0%	3.7%	35.7%	0%	5.3%	41.2%	33.3%	20.0%	0%	38.7%	6.7%
Buses and Single-Unit Trucks	6	38	1	0	45	1	2	0	0	3	0	81	8	0	89	3	3	2	0	8	145
% Buses and Single-Unit Trucks	54.5%	4.2%	12.5%	0%	4.9%	14.3%	25.0%	0%	0%	17.6%	0%	10.3%	19.0%	0%	10.7%	5.9%	50.0%	40.0%	0%	12.9%	7.9%

*L: Left, R: Right, T: Thru, U: U-Turn

Pulaski Road - 36th Street - TMC

Tue Apr 11, 2023

Midday Peak (1 PM - 2 PM)

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

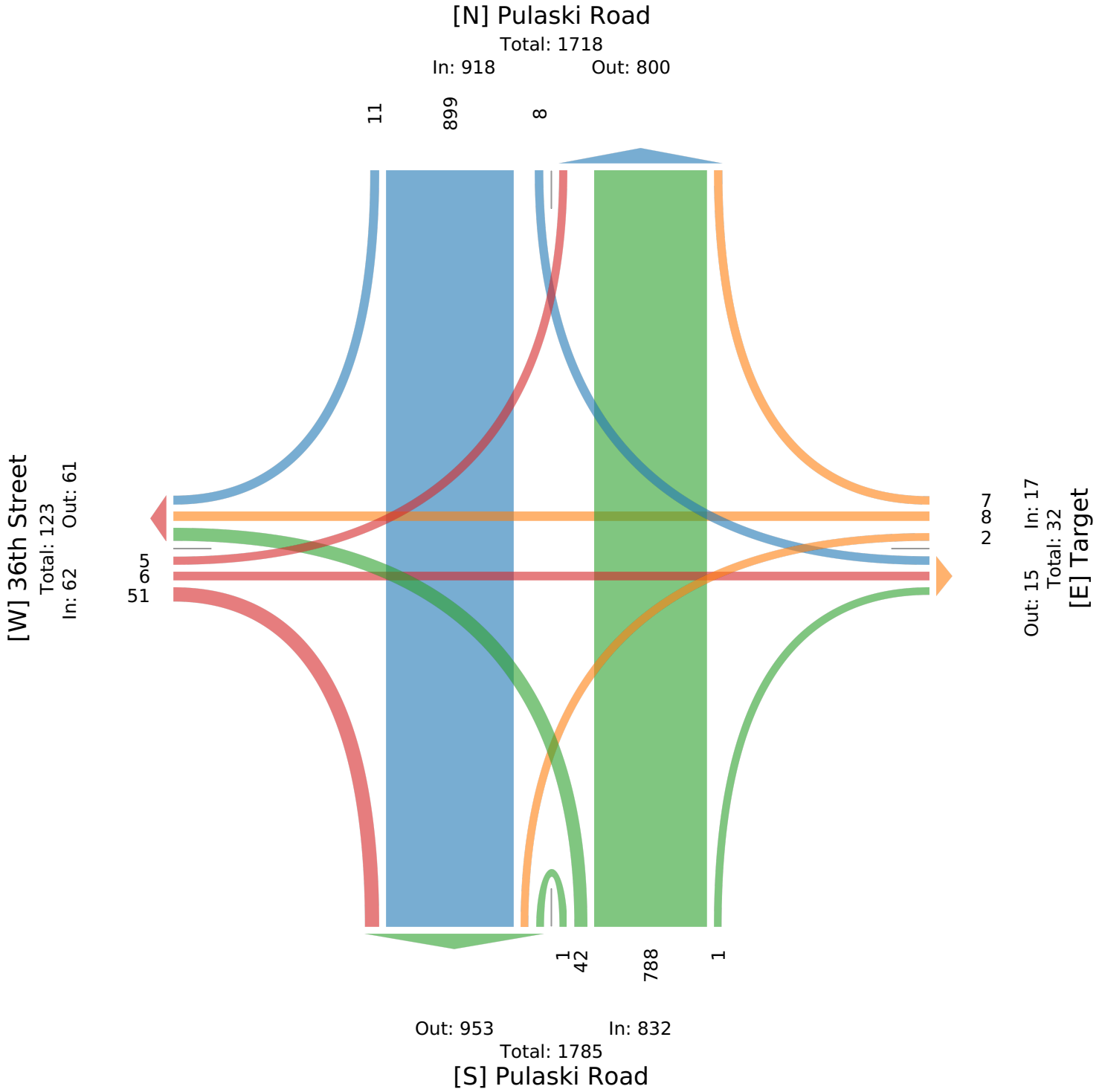
All Movements

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1950 N Washington Street, Suite 211,

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Pulaski Road - 36th Street - TMC

Tue Apr 11, 2023

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

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

All Movements

ID: 1056991, Location: 41.828839, -87.724171

Provided by: Fish Transportation Group Inc.

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Leg Direction	Pulaski Road Southbound					Target Westbound					Pulaski Road Northbound					36th Street Eastbound					Int
	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	
2023-04-11 4:00PM	2	359	0	0	361	0	2	3	0	5	0	211	10	0	221	29	1	3	0	33	620
4:15PM	1	324	0	0	325	0	0	6	0	6	1	211	14	0	226	21	1	2	0	24	581
4:30PM	3	283	1	0	287	1	1	0	0	2	0	200	8	0	208	31	1	3	0	35	532
4:45PM	1	298	0	0	299	2	0	0	0	2	0	214	15	0	229	16	0	4	0	20	550
Total	7	1264	1	0	1272	3	3	9	0	15	1	836	47	0	884	97	3	12	0	112	2283
% Approach	0.6%	99.4%	0.1%	0%	-	20.0%	20.0%	60.0%	0%	-	0.1%	94.6%	5.3%	0%	-	86.6%	2.7%	10.7%	0%	-	-
% Total	0.3%	55.4%	0%	0%	55.7%	0.1%	0.1%	0.4%	0%	0.7%	0%	36.6%	2.1%	0%	38.7%	4.2%	0.1%	0.5%	0%	4.9%	-
PHF	0.583	0.880	0.250	-	0.881	0.375	0.375	0.375	-	0.625	0.250	0.977	0.783	-	0.965	0.782	0.750	0.750	-	0.800	0.921
Lights	3	1210	0	0	1213	0	1	9	0	10	1	779	15	0	795	83	0	12	0	95	2113
% Lights	42.9%	95.7%	0%	0%	95.4%	0%	33.3%	100%	0%	66.7%	100%	93.2%	31.9%	0%	89.9%	85.6%	0%	100%	0%	84.8%	92.6%
Articulated Trucks	1	16	0	0	17	3	2	0	0	5	0	8	21	0	29	5	1	0	0	6	57
% Articulated Trucks	14.3%	1.3%	0%	0%	1.3%	100%	66.7%	0%	0%	33.3%	0%	1.0%	44.7%	0%	3.3%	5.2%	33.3%	0%	0%	5.4%	2.5%
Buses and Single-Unit Trucks	3	38	1	0	42	0	0	0	0	0	0	49	11	0	60	9	2	0	0	11	113
% Buses and Single-Unit Trucks	42.9%	3.0%	100%	0%	3.3%	0%	0%	0%	0%	0%	0%	5.9%	23.4%	0%	6.8%	9.3%	66.7%	0%	0%	9.8%	4.9%

*L: Left, R: Right, T: Thru, U: U-Turn

Pulaski Road - 36th Street - TMC

Tue Apr 11, 2023

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

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

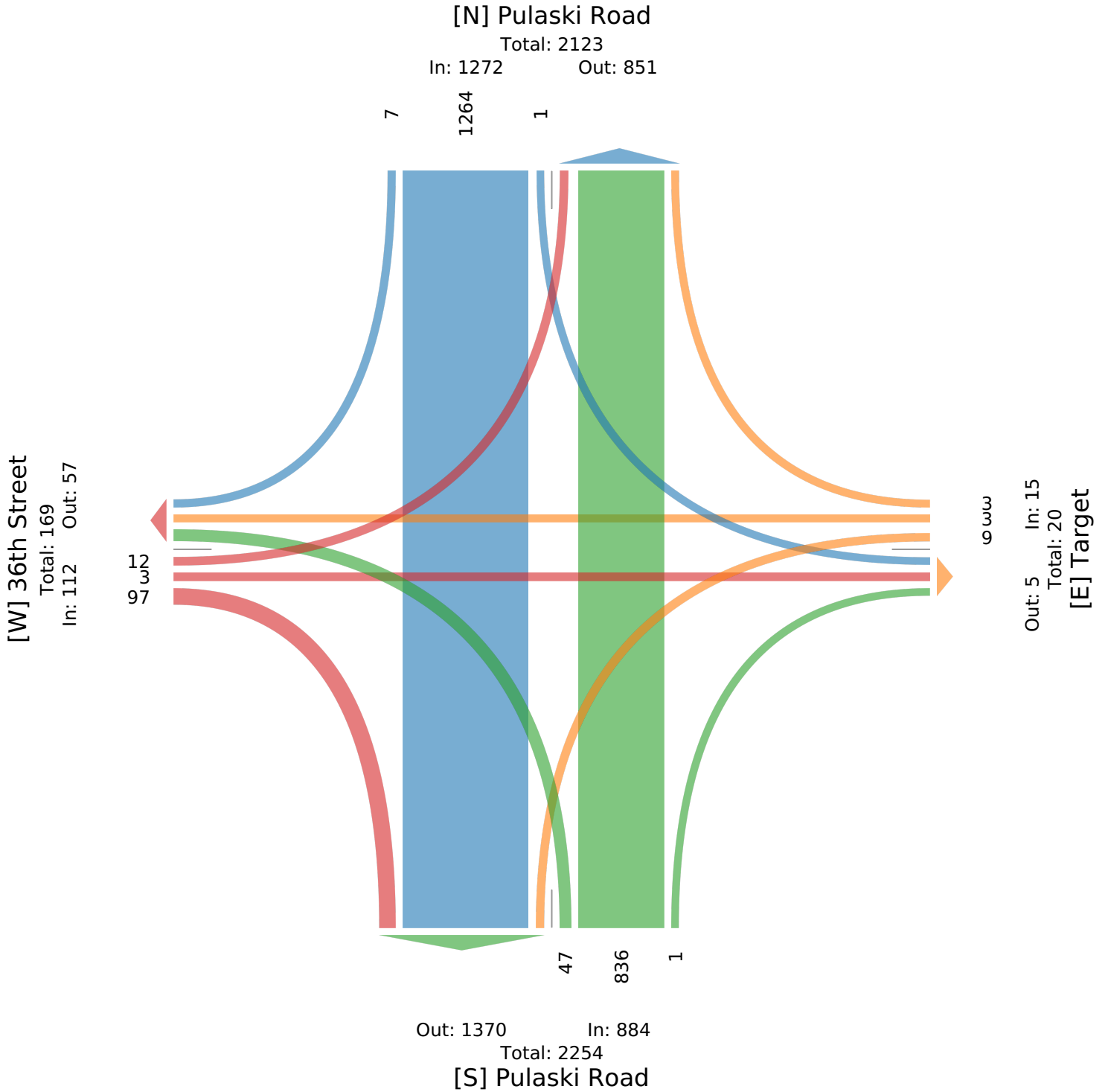
All Movements

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Fish Transportation Group

1950 N Washington Street
Suite 211
Naperville, Illinois 60563

Chicago
S Pulaski Road & W 36th Street -
Target

Groups Printed- Articulated Trucks

Start Time	Pulaski Road From North			Target From East			Pulaski Road From South			36th Street From West			Int. Total
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	
12:00 AM	0	2	0	0	4	0	0	2	10	15	5	1	39
01:00 AM	0	4	1	1	2	0	0	0	22	12	2	0	44
02:00 AM	1	3	0	2	0	0	1	2	11	16	0	0	36
03:00 AM	0	4	0	0	2	0	0	8	11	9	0	0	34
04:00 AM	2	15	0	0	2	0	0	9	15	6	1	1	51
05:00 AM	2	23	3	0	0	0	0	8	14	14	0	3	67
06:00 AM	0	48	2	0	1	0	0	13	9	9	1	1	84
07:00 AM	1	31	1	0	1	0	1	14	6	15	2	2	74
08:00 AM	2	41	3	1	0	0	0	21	12	12	4	0	96
09:00 AM	1	47	1	2	5	0	1	29	20	16	1	3	126
10:00 AM	3	37	0	0	5	0	2	36	24	37	1	3	148
11:00 AM	0	37	2	2	2	0	0	32	17	20	3	3	118
12:00 PM	3	17	1	2	1	0	1	29	15	14	1	1	85
01:00 PM	1	45	2	3	3	0	0	29	15	21	2	1	122
02:00 PM	2	31	1	1	3	0	0	17	13	13	0	0	81
03:00 PM	2	19	1	2	2	0	0	14	14	10	0	0	64
04:00 PM	1	16	0	3	2	0	0	8	21	5	1	0	57
05:00 PM	2	11	1	0	5	0	0	7	19	10	1	0	56
06:00 PM	2	10	6	1	5	0	1	8	12	13	3	0	61
07:00 PM	2	6	10	1	1	0	0	4	15	6	3	0	48
08:00 PM	1	5	1	0	4	0	0	6	16	9	2	0	44
09:00 PM	1	5	1	2	2	1	0	3	7	16	2	0	40
10:00 PM	0	2	0	1	2	0	0	2	12	14	0	1	34
11:00 PM	1	4	0	0	4	0	0	2	14	15	12	0	52
Grand Total	30	463	37	24	58	1	7	303	344	327	47	20	1661
Apprch %	5.7	87.4	7	28.9	69.9	1.2	1.1	46.3	52.6	83	11.9	5.1	
Total %	1.8	27.9	2.2	1.4	3.5	0.1	0.4	18.2	20.7	19.7	2.8	1.2	

Fish Transportation Group

1950 N Washington Street
Suite 211
Naperville, Illinois 60563

Chicago
S Pulaski Road & W 36th Street - Target

Groups Printed- Mediums - Articulated Trucks

Start Time	Pulaski Road From North			Target From East			Pulaski Road From South			36th Street From West			Int. Total
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	
12:00 AM	0	7	0	0	6	0	0	12	11	16	7	1	60
01:00 AM	0	5	2	2	4	0	0	9	23	15	8	0	68
02:00 AM	1	7	1	2	0	0	1	6	12	19	1	0	50
03:00 AM	0	35	0	0	2	0	1	21	11	10	4	0	84
04:00 AM	3	66	2	1	3	0	0	35	19	13	3	1	146
05:00 AM	2	71	3	3	0	0	0	26	16	22	1	6	150
06:00 AM	2	159	2	2	2	0	0	59	10	17	1	3	257
07:00 AM	1	92	1	1	3	0	2	55	9	27	2	3	196
08:00 AM	5	109	4	4	3	0	0	79	19	24	4	1	252
09:00 AM	3	107	4	4	7	1	2	68	23	24	5	9	257
10:00 AM	5	118	2	0	8	0	3	106	32	50	3	8	335
11:00 AM	0	101	4	5	4	1	0	88	26	33	4	4	270
12:00 PM	3	62	2	3	1	0	1	79	24	18	2	2	197
01:00 PM	7	83	3	4	5	0	0	110	23	24	5	3	267
02:00 PM	4	87	4	2	5	0	0	86	25	18	0	1	232
03:00 PM	5	58	3	3	4	0	0	77	18	12	4	2	186
04:00 PM	4	54	1	3	2	0	0	57	32	14	3	0	170
05:00 PM	6	47	3	1	6	0	1	48	29	12	5	0	158
06:00 PM	3	44	6	4	6	0	1	38	15	15	4	0	136
07:00 PM	2	27	10	9	8	0	0	22	17	6	5	0	106
08:00 PM	1	19	1	1	7	0	1	21	18	10	4	0	83
09:00 PM	1	13	4	3	9	1	0	14	16	17	6	1	85
10:00 PM	0	9	1	1	4	0	0	7	16	15	2	2	57
11:00 PM	2	7	0	0	15	0	0	5	16	16	15	0	76
Grand Total	60	1387	63	58	114	3	13	1128	460	447	98	47	3878
Apprch %	4	91.9	4.2	33.1	65.1	1.7	0.8	70.5	28.7	75.5	16.6	7.9	
Total %	1.5	35.8	1.6	1.5	2.9	0.1	0.3	29.1	11.9	11.5	2.5	1.2	
Mediums	30	924	26	34	56	2	6	825	116	120	51	27	2217
% Mediums	50	66.6	41.3	58.6	49.1	66.7	46.2	73.1	25.2	26.8	52	57.4	57.2
Articulated Trucks	30	463	37	24	58	1	7	303	344	327	47	20	1661
% Articulated Trucks	50	33.4	58.7	41.4	50.9	33.3	53.8	26.9	74.8	73.2	48	42.6	42.8