COUNT LOCATION: S. Shields Avenue & W. 47th Street
Fuller Park
COUNT DATE: 05-16-2023
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.
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

S. Shields Ave. & W. 47th St.
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.
## Shields Avenue & 47th Street ATR - ATR

### Tue May 16, 2023

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

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

**All Channels**

ID: 1070487, Location: 41.809079, -87.634532

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*T: Thru*
Shields Avenue & 47th Street ATR - ATR

Tue May 16, 2023
Full Length (12 PM-12 PM (+1))
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Channels
ID: 1070487, Location: 41.809079, -87.634532

 Provided by: Fish Transportation Group Inc.
1950 N Washington Street, Suite 211,
Naperville, IL, 60563, US
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*T: Thru
Shields Avenue & 47th Street ATR - ATR
Tue May 16, 2023
Midday Peak (May 16 2023 1PM - 2 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Channels
ID: 1070487, Location: 41.809079, -87.634532
## Shields Avenue & 47th Street ATR - ATR

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

All Channels

ID: 1070487, Location: 41.809079, -87.634532

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<td>4.4%</td>
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<td>5.2%</td>
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*T: Thru*
Shields Avenue & 47th Street ATR - ATR
Tue May 16, 2023
PM Peak (May 16 2023 4PM - 5 PM) - Overall Peak Hour
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Channels
ID: 1070487, Location: 41.809079, -87.634532

Provided by: Fish Transportation Group Inc.
1950 N Washington Street, Suite 211,
Naperville, IL, 60563, US
## Shields Avenue & 47th Street ATR - ATR

**Wed May 17, 2023**

**AM Peak (May 17 2023 10AM - 11 AM)**

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

All Channels

**ID: 1070487, Location: 41.809079, -87.634532**

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**Leg Direction** | **East Westbound** | **West Eastbound** |
--- | --- | --- |
**Time** | **T** | **App** | **T** | **App** | **Int** |
2023-05-17 10:00AM | 125 | 125 | 101 | 101 | 226 |
10:15AM | 114 | 114 | 118 | 118 | 232 |
10:30AM | 131 | 131 | 99 | 99 | 230 |
10:45AM | 132 | 132 | 121 | 121 | 253 |

| **Total** | 502 | 502 | 439 | 439 | 941 |

| **% Approach** | 100% | - | 100% | - | - |

| **% Total** | 53.3% | 53.3% | 46.7% | 46.7% | - |

| **PHF** | 0.951 | 0.951 | 0.907 | 0.907 | 0.930 |

| **Lights** | 318 | 318 | 326 | 326 | 644 |

| **% Lights** | 63.3% | 63.3% | 74.3% | 74.3% | 68.4% |

| **Articulated Trucks** | 120 | 120 | 64 | 64 | 184 |

| **% Articulated Trucks** | 23.9% | 23.9% | 14.6% | 14.6% | 19.6% |

| **Buses and Single-Unit Trucks** | 64 | 64 | 49 | 49 | 113 |

| **% Buses and Single-Unit Trucks** | 12.7% | 12.7% | 11.2% | 11.2% | 12.0% |

* T: Thru
Shields Avenue & 47th Street ATR - ATR
Wed May 17, 2023
AM Peak (May 17 2023 10AM - 11 AM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Channels
ID: 1070487, Location: 41.809079, -87.634532

Total: 941
Out: 439
In: 502

Provided by: Fish Transportation Group Inc.
1950 N Washington Street, Suite 211,
Naperville, IL, 60563, US
### Direction (Westbound)

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<td>11:00 AM</td>
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#### PM Times

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05/17/2023 12:00 AM

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Total

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AM Times

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PM Times

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Total %