



City of Waukesha
201 Delafield Street
Waukesha, WI 53188
Tel: 262.542.3700
waukesha-wi.gov

City of Waukesha Cover Sheet

Committee: Building and Grounds	Meeting Date: August 4, 2025
ID Number: ID#25-01795	Ordinance/Resolution Number (if applicable):
Name of Submitter: Department of Public Works	Board/Council Meeting Date: August 19, 2025
Agenda Item Title: Review and possible action on adding pedestrian crossing signs and a cross walk on Manhattan Drive at Niagara Street.	

Issue Before the Board/Council: 8/4/2025. This item was brought forward by Ald. Chrisien as a referral to review the crossing at Manhattan Dr at Niagara St and add pedestrian crossing signs and a crosswalk.
Options & Alternatives: 1. Engineering recommends adding the pedestrian crossing signs 2. Recommend additional signage and/or markings
Additional Details: Engineering staff will present their findings.



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What is the Strategic Plan Priority this item relates to:

N/A

What impact will this item have on the Strategic Plan Priority?

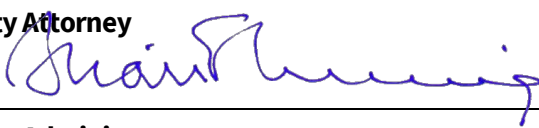
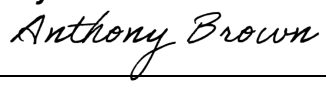
N/A

Financial Remarks:

The cost for adding two new pedestrian crossing signs and posts is approximately \$360. This would be charged to the 2025 Buildings and Grounds Special Project Budget (3310-54141).

Suggested Motion:

Reviewed By:

Finance Director	Date Reviewed
City Attorney 	Date Reviewed 30 July 2025
City Administrator 	Date Reviewed 07/24/2025

MEMORANDUM

To: Craig D. Ausen, PE, City of Waukesha

From: Alexander Cowan, PE, PTOE

Date: July 29, 2025

Project No.: 24-0447.10

Re: Manhattan Drive & Niagara Street
Pedestrian Improvement Request

Background

A request was made for the consideration of pedestrian improvements at the Manhattan Drive intersection with Niagara Street. The offset, four-legged intersection is configured with Manhattan Drive to the north and south, Niagara Street to the west, and a driveway serving Woodman's Grocery Store and other commercial uses to the east. The intersection is offset in the east/west direction with Niagara Street set to the north of the Woodman's Driveway. Manhattan Drive and Niagara Street are both 25-mph, two-lane roadways. Niagara Street and the Woodman's Driveway operate under stop control. Parking is prohibited on Manhattan Drive and there are no parking restrictions on Niagara Street.

Sidewalks are provided in all four quadrants of the intersection, as shown in Attachment 1. All approaching roadways provide sidewalk on both sides of the street, with the exception of the north side of the Woodman's Driveway. Curb ramps are provided for unmarked crosswalks on the east and west approaches. A curb ramp is also provided on the north side of the Woodman's Driveway facing west, suggesting an unmarked crosswalk through the center of the offset intersection. Detectable warning fields are provided for all curb ramps on the east side of the intersection. Curb ramps on the west side have stamped concrete warning fields. No pedestrian warning signs are provided.

Crash History

A review of the WisDOT Community Maps tool suggests one crash occurred at the intersection over the past five years. This lone crash occurred in 2022 and resulted in a possible injury. There were no reported crashes involving pedestrians over this five-year period.

Traffic Volume

An intersection turning movement count was conducted on Tuesday, June 10, 2025, to understand the magnitude of pedestrian traffic experienced in the intersection. The count resulted in the data shown in Attachment 2. A total of 65 pedestrian crossings were recorded at the intersection during the study period from 6:00 AM to 8:00 PM. Of these pedestrians, 36 crossed Manhattan Drive. The "north" crosswalk through the center of the intersection was used by 26 pedestrians while 10 crossed on the south side of the Woodman's Driveway. Note that no curb ramp is provided on the south side of the intersection.

The study intersection experiences an average daily entering volume of approximately 6,130 vehicles. Manhattan Drive experiences approximately 5,000 vehicles per day (vpd), the Woodman's Driveway experiences approximately 1,960 vpd, and Niagara Street experiences approximately 1,220 vpd.

Conclusion

The Manhattan Drive intersection with Niagara Street and the Woodman's Driveway is an offset intersection located along a slight curve with a significant volume of turning traffic. With uncontrolled vehicle movement along Manhattan Drive, it is less desirable to provide a marked crosswalk at this location and more desirable to encourage pedestrians to use the controlled crosswalk at Manhattan Drive and Main Street. However, it is recognized that approximately 36 pedestrians per day cross Manhattan Drive at this location. Therefore it is recommended that pedestrian crossing signs be added to the intersection as shown in Attachment 3 to remind motorists of the potential presence of pedestrians.



City of Waukesha Property Map



Legend

- Address:
- Parcels
- City Limits
- Railroads
- Water Bodies



1: 360



0.0 0 0.01 0.0 Miles

Print Date: 7/29/2025
City of Waukesha GIS

Attachment 1

This map is a user generated static output from an Internet mapping site and is for reference only. The data found on this site is considered to be correct, but should not be used for engineering or survey applications without verifying the information from officially recorded sources.

Notes:

Intersection Traffic Volume Report

Attachment 2

Count Basics	Version 2023.05.03	Page 1 of 13
Start Date:	Tuesday, June 10, 2025	Weekday
Total Number of Hours Counted:	14	No Special Events



Base Information, Observed (14) Hour and Estimated (24) Hour Volume Summaries

Major St: Manhattan Dr.

Minor St: Niagara St.

Intersection of: Manhattan Dr. & Niagara St.

IX_ID:

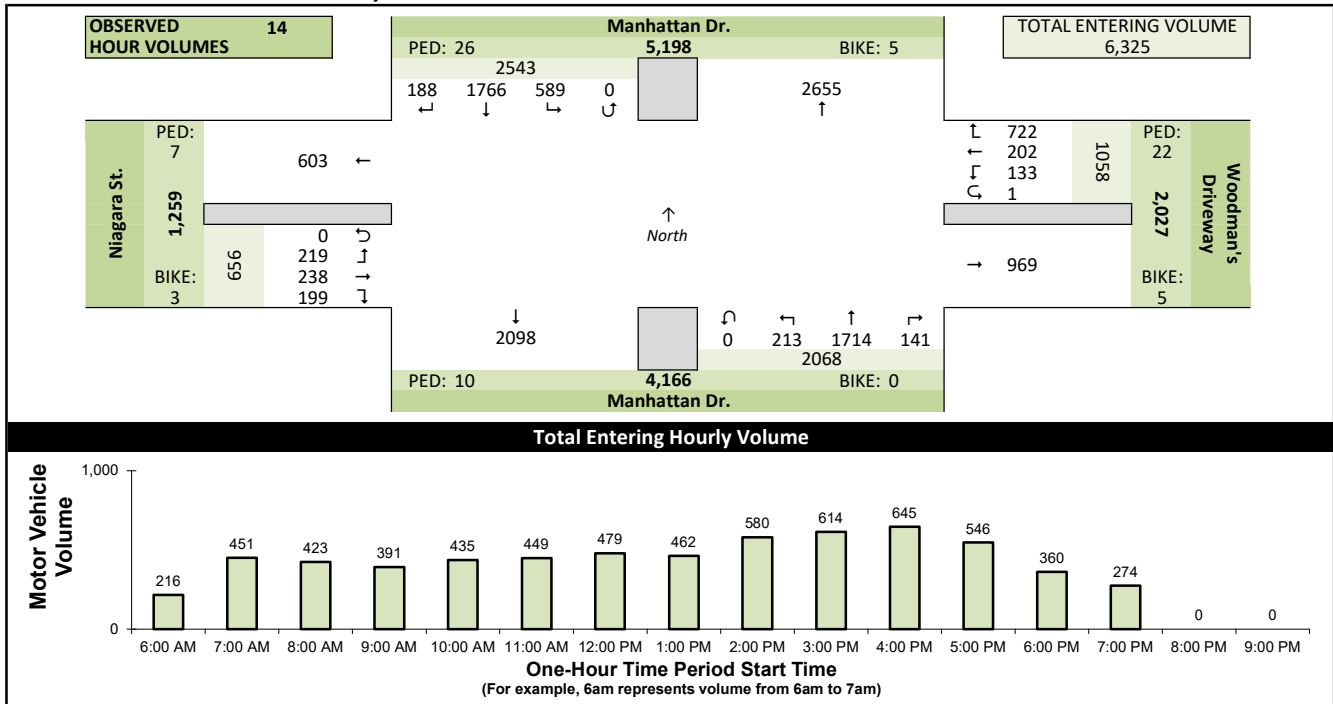
Site Information

Municipality	City of Waukesha
County	67 - Waukesha
WisDOT Region	SE
Traffic Control	Partial Stop Control
Roadway Names	North Direction
North Leg	Manhattan Dr.
East Leg	Woodman's Driveway
South Leg	Manhattan Dr.
West Leg	Niagara St.
Special Considerations	
Schools	In Session
Holidays	None
Special Events	None
Special Pedestrians Observed	
Pre-school children	None
Elementary school age children	None
Visually impaired (white cane/helper dog)	None
Elderly/disabled (except wheelchairs)	None
Wheelchairs/electric scooters	None
Other (describe)	None

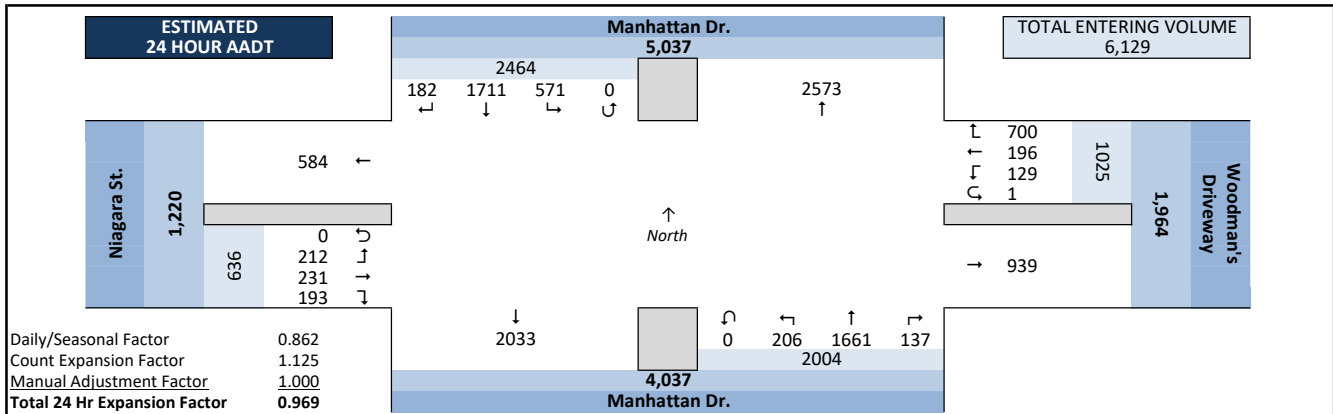
Count Information

Hrs Counted:	06:00 AM-08:00 PM
1st Day of Count	Tuesday, June 10, 2025
AM Peak Period	Tuesday, June 10, 2025
Midday Peak Period	Tuesday, June 10, 2025
PM Peak Period	Tuesday, June 10, 2025
Calculated Peak Hours	
AM	7:00-8:00am
MD	12:45-1:45pm
PM	3:15-4:15pm
Peak Hours Selected for Analysis	
AM	7:00-8:00am
MD	12:45-1:45pm
PM	3:15-4:15pm
Daily/Seasonal Adjustment Group	(2) Urban Arterials & Collectors
Count Expansion Group	(2) Urban Arterials & Collectors
Daily/Seasonal Adjustment Factor	0.862
Count Expansion Factor	1.125
Company Name	Ayres Associates
Manual Adj.	1.000
Observers	AM Peak Period Miovision Video Recording
Midday Peak Period	Miovision Video Recording
PM Peak Period	Miovision Video Recording
Comments	2021 DOT Daily & Seasonal Factors

Observed 14 Hour Volume Summary



Estimated 24 Hour AADT



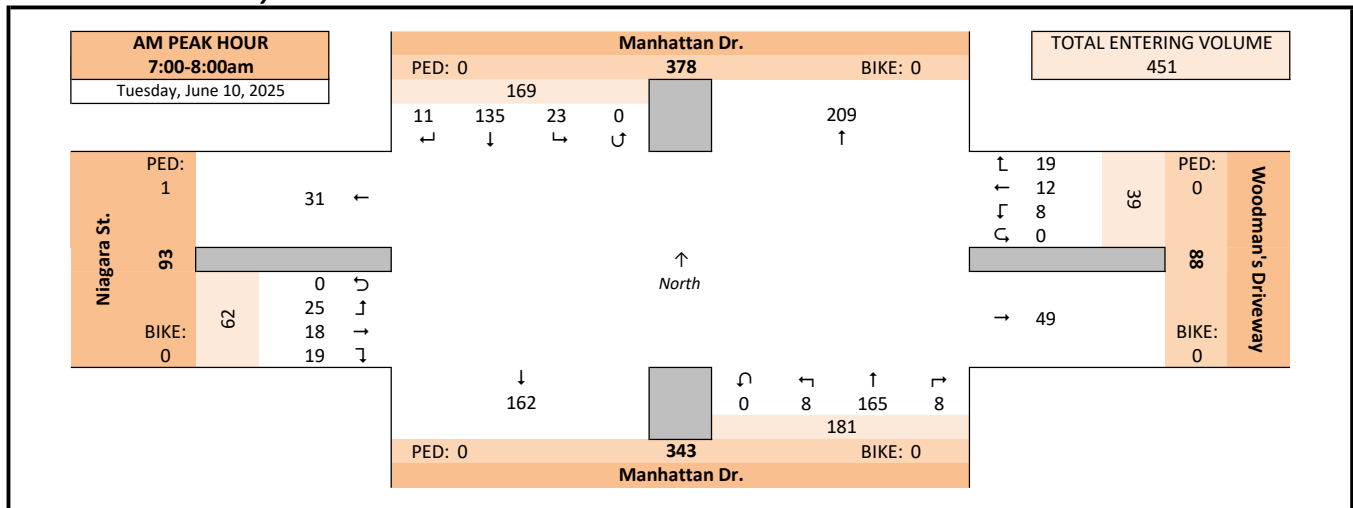
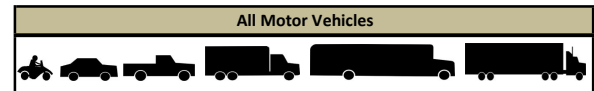
Intersection Traffic Volume Report

Count Basics		Page 2 of 13	
Start Date:	Tuesday, June 10, 2025	Weekday	Schools in Session
Total Number of Hours Counted: 14		Non-Holiday	No Special Events

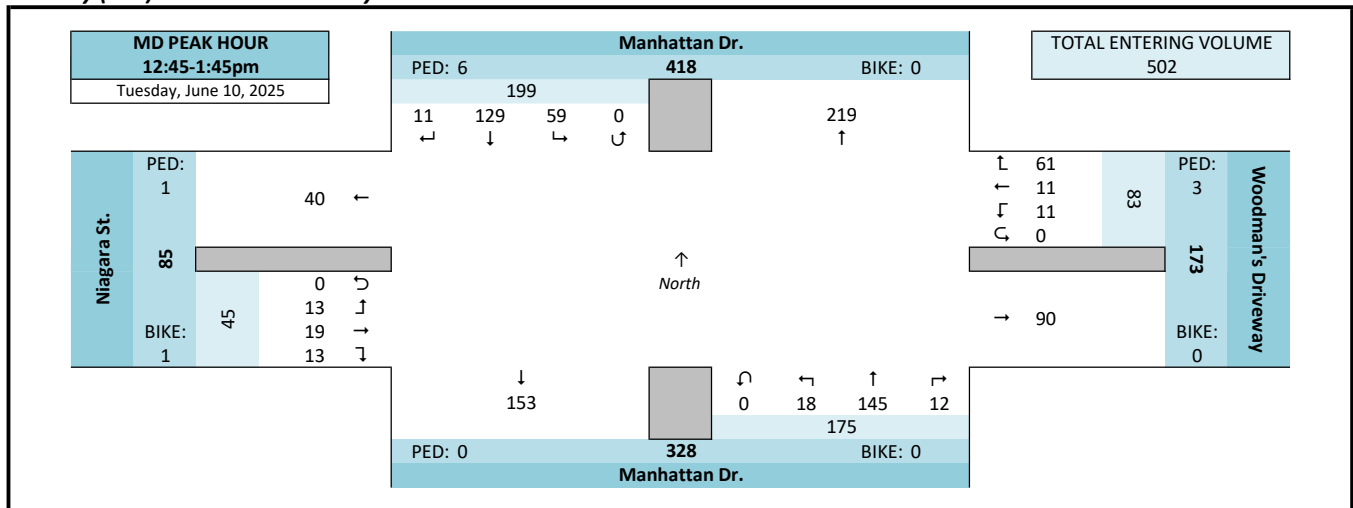
Peak Hour Volume Graphical Summary

Manhattan Dr. & Niagara St.

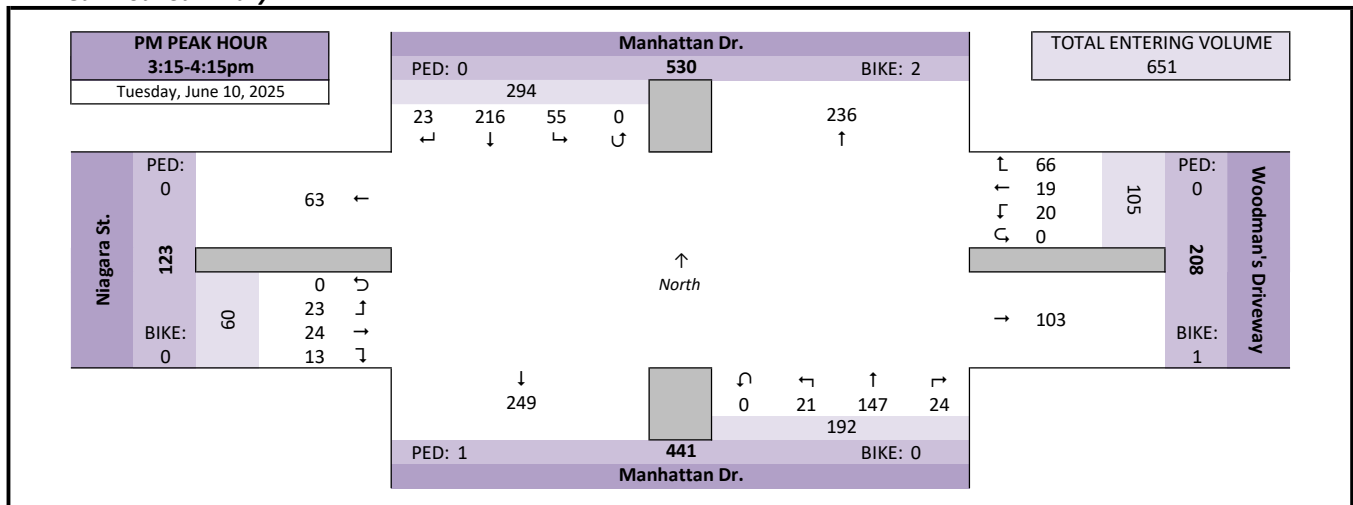
AM Peak Hour Summary



Midday (MD) Peak Hour Summary



PM Peak Hour Summary

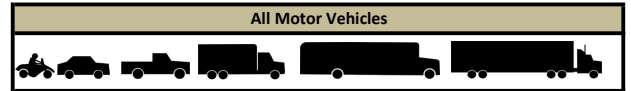


Intersection Traffic Volume Report

Count Basics			Page 3 of 13	
Start Date:	Tuesday, June 10, 2025	Weekday	Schools in Session	
Total Number of Hours Counted:	14	Non-Holiday	No Special Events	

Peak Hour Volume Summary

Manhattan Dr. & Niagara St.



Peak Hour Volumes, Truck Percentages, and PHFs

Tuesday, June 10, 2025		↴					↶					↴					↷					Totals
		From North					From East					From South					From West					
		Manhattan Dr.					Woodman's Driveway					Manhattan Dr.					Niagara St.					
		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	
		Start Time																				
AM Peak Hour	7:00 AM	2	23	5	0	30	6	1	0	0	7	2	33	2	0	37	6	7	5	0	18	92
	7:15 AM	3	49	3	0	55	6	5	2	0	13	1	46	0	0	47	5	6	5	0	16	131
	7:30 AM	3	34	8	0	45	4	4	2	0	10	3	43	3	0	49	6	2	11	0	19	123
	7:45 AM	3	29	7	0	39	3	2	4	0	9	2	43	3	0	48	2	3	4	0	9	105
	Peak Hour Volume	11	135	23	0	169	19	12	8	0	39	8	165	8	0	181	19	18	25	0	62	451
	Rounded Hourly Volume	10	135	25	0	170	20	10	10	0	40	10	165	10	0	185	20	20	25	0	65	460
	% Single Unit Trucks	0.0	3.7	13.0	0.0	4.7	0.0	8.3	12.5	0.0	5.1	12.5	4.2	0.0	0.0	4.4	0.0	11.1	4.0	0.0	4.8	4.7
	% Heavy Trucks	0.0	3.0	0.0	0.0	2.4	0.0	0.0	12.5	0.0	2.6	0.0	3.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	2.2
% Trucks (Total)		0.0	6.7	13.0	0.0	7.1	0.0	8.3	25.0	0.0	7.7	12.5	7.3	0.0	0.0	7.2	0.0	11.1	4.0	0.0	4.8	6.9
Peak Hour Factor (PHF)		0.92	0.69	0.72	0.00	0.77	0.79	0.60	0.50	0.00	0.75	0.67	0.90	0.67	0.00	0.92	0.79	0.64	0.57	0.00	0.82	0.86

Tuesday, June 10, 2025		↴					↶					↴					↷					Totals
MD Peak Hour		From North					From East					From South					From West					
		Manhattan Dr.					Woodman's Driveway					Manhattan Dr.					Niagara St.					
Start Time		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	
Midday (MD) Peak Hour	12:45 PM	3	44	12	0	59	10	3	3	0	16	2	41	6	0	49	2	9	3	0	14	138
	1:00 PM	2	26	20	0	48	15	2	2	0	19	2	31	4	0	37	4	4	2	0	10	114
	1:15 PM	3	29	11	0	43	17	3	5	0	25	2	37	5	0	44	1	1	2	0	4	116
	1:30 PM	3	30	16	0	49	19	3	1	0	23	6	36	3	0	45	6	5	6	0	17	134
	Peak Hour Volume	11	129	59	0	199	61	11	11	0	83	12	145	18	0	175	13	19	13	0	45	502
	Rounded Hourly Volume	10	130	60	0	200	60	10	10	0	80	10	145	20	0	175	15	20	15	0	50	505
	% Single Unit Trucks	9.1	1.6	1.7	0.0	2.0	0.0	0.0	9.1	0.0	1.2	0.0	2.1	0.0	0.0	1.7	0.0	0.0	7.7	0.0	2.2	1.8
	% Heavy Trucks	0.0	3.1	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.2
% Trucks (Total)		9.1	4.7	1.7	0.0	4.0	0.0	0.0	9.1	0.0	1.2	0.0	3.4	0.0	0.0	2.9	0.0	0.0	7.7	0.0	2.2	3.0
Peak Hour Factor (PHF)		0.92	0.73	0.74	0.00	0.84	0.80	0.92	0.55	0.00	0.83	0.50	0.88	0.75	0.00	0.89	0.54	0.53	0.54	0.00	0.66	0.91

Tuesday, June 10, 2025		↴					↶					↴					↷					
		From North					From East					From South					From West					
PM Peak Hour		Manhattan Dr.					Woodman's Driveway					Manhattan Dr.					Niagara St.					
PM Peak Hour	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Totals
	3:15 PM	3	45	15	0	63	15	2	3	0	20	5	48	5	0	58	5	2	5	0	12	153
	3:30 PM	7	60	16	0	83	16	4	1	0	21	3	29	3	0	35	2	7	5	0	14	153
	3:45 PM	5	52	8	0	65	14	1	4	0	19	6	47	3	0	56	3	8	7	0	18	158
	4:00 PM	8	59	16	0	83	21	12	12	0	45	10	23	10	0	43	3	7	6	0	16	187
	Peak Hour Volume	23	216	55	0	294	66	19	20	0	105	24	147	21	0	192	13	24	23	0	60	651
	Rounded Hourly Volume	25	215	55	0	295	65	20	20	0	105	25	145	20	0	190	15	25	25	0	65	655
	% Single Unit Trucks	0.0	1.9	3.6	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	4.8	0.0	3.1	7.7	0.0	4.3	0.0	3.3	2.2
	% Heavy Trucks	0.0	0.5	1.8	0.0	0.7	3.0	0.0	0.0	0.0	1.9	0.0	1.4	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.9
	% Trucks (Total)	0.0	2.3	5.5	0.0	2.7	3.0	0.0	0.0	0.0	1.9	0.0	4.8	4.8	0.0	4.2	7.7	0.0	4.3	0.0	3.3	3.1
Peak Hour Factor (PHF)	0.72	0.90	0.86	0.00	0.89	0.79	0.40	0.42	0.00	0.58	0.60	0.77	0.52	0.00	0.83	0.65	0.75	0.82	0.00	0.83	0.87	

Peak Hour Pedestrian and Bicyclist Volumes

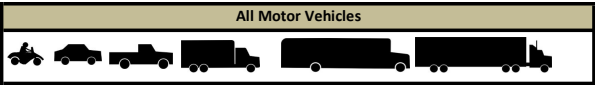
Pedestrians and Bicyclists		Crossing 			Crossing 			Crossing 			Crossing 			Total Ped & Bike Volume
		North Approach			East Approach			South Approach			West Approach			
		Manhattan Dr.			Woodman's Driveway			Manhattan Dr.			Niagara St.			
15-Minute Start Time		Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	
AM	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	1
	7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	1	0	1	1
MD	12:45 PM	2	0	2	1	0	1	0	0	0	1	1	2	5
	1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	1:15 PM	3	0	3	2	0	2	0	0	0	0	0	0	5
	1:30 PM	1	0	1	0	0	0	0	0	0	0	0	0	1
	Total	6	0	6	3	0	3	0	0	0	1	1	2	11
PM	3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	3:30 PM	0	0	0	0	0	0	1	0	1	0	0	0	1
	3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:00 PM	0	2	2	0	1	1	0	0	0	0	0	0	3
	Total	0	2	2	0	1	1	1	0	1	0	0	0	4

Intersection Traffic Volume Report

Count Basics			Page 4 of 13
Start Date:	Tuesday, June 10, 2025	Weekday	Schools in Session
Total Number of Hours Counted:	14	Non-Holiday	No Special Events

Hourly Volume Summary - Motor Vehicle Data

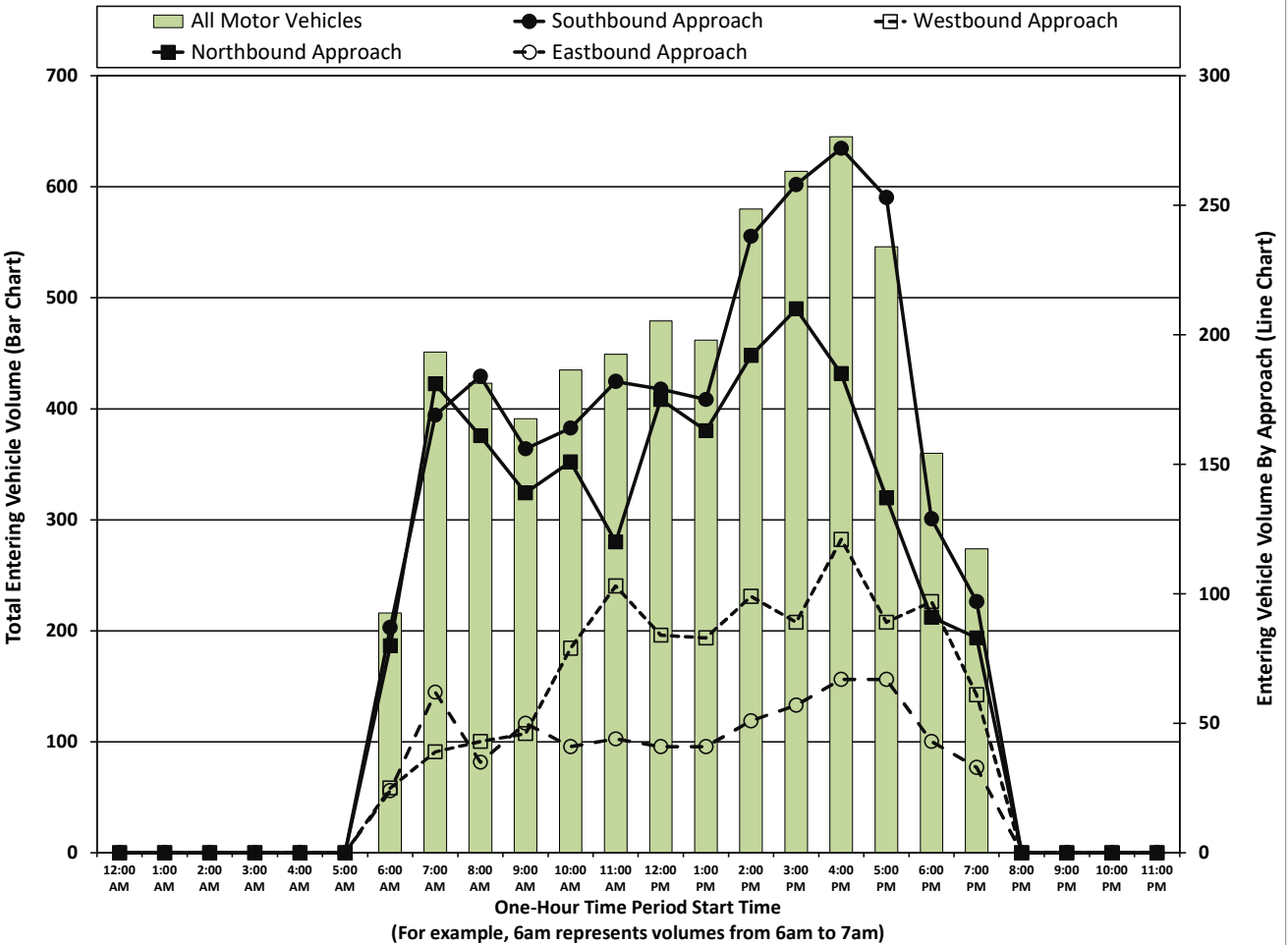
Manhattan Dr. & Niagara St.



One-Hour Motor Vehicle Data

One-Hour Time Period	Start Time	From North Manhattan Dr.					From East Woodman's Driveway					From South Manhattan Dr.					From West Niagara St.					Total Vehicle Volume	Directional Volume Totals E/W N/S	
		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total			
Pre-AM	12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6:00 AM	7	67	13	0	87	19	4	2	0	25	5	67	8	0	80	9	6	9	0	24	216	49	167
	7:00 AM	11	135	23	0	169	19	12	8	0	39	8	165	8	0	181	19	18	25	0	62	451	101	350
	8:00 AM	9	137	38	0	184	35	5	3	0	43	5	143	13	0	161	14	10	11	0	35	423	78	345
	9:00 AM	8	106	42	0	156	32	10	4	0	46	7	124	8	0	139	15	15	20	0	50	391	96	295
MD	10:00 AM	5	109	50	0	164	56	11	12	0	79	11	136	4	0	151	11	17	13	0	41	435	120	315
	11:00 AM	7	119	56	0	182	75	18	10	0	103	9	98	13	0	120	10	20	14	0	44	449	147	302
	12:00 PM	15	127	37	0	179	53	19	11	1	84	10	140	25	0	175	12	21	8	0	41	479	125	354
	1:00 PM	8	110	57	0	175	64	9	10	0	83	11	138	14	0	163	14	14	13	0	41	462	124	338
	2:00 PM	25	162	51	0	238	70	18	11	0	99	15	158	19	0	192	16	21	14	0	51	580	150	430
PM	3:00 PM	18	190	50	0	258	65	12	12	0	89	18	173	19	0	210	17	19	21	0	57	614	146	468
	4:00 PM	24	199	49	0	272	73	25	23	0	121	17	138	30	0	185	16	21	30	0	67	645	188	457
	5:00 PM	25	174	54	0	253	51	22	16	0	89	9	108	20	0	137	22	25	20	0	67	546	156	390
	6:00 PM	19	71	39	0	129	71	19	7	0	97	7	66	18	0	91	14	19	10	0	43	360	140	220
	7:00 PM	7	60	30	0	97	39	18	4	0	61	9	60	14	0	83	10	12	11	0	33	274	94	180
	8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Totals	188	1766	589	0	2543	722	202	133	1	1058	141	1714	213	0	2068	199	238	219	0	656	6325	1714	4611

Graphical Summary of Hourly Volumes

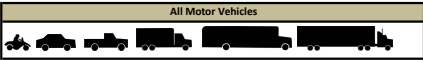


Intersection Traffic Volume Report

Count Basics	Page 5 of 13		
Start Date:	Tuesday, June 10, 2025	Weekday	Schools in Session
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15-Minute Motor Vehicle Data

Manhattan Dr. & Niagara St.



15-Minute Motor Vehicle Data

15-Minute Time Period Start Time	From North					From East					From South					From West					15-Min Totals	Hourly Sum	PHF			
	Manhattan Dr.					Woodman's Driveway					Manhattan Dr.					Niagara St.										
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
Pre-AM Peak Period	12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
AM Peak Period	4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	6:00 AM	0	14	4	0	18	2	0	0	0	2	0	8	2	0	10	2	1	1	0	4	34	216	0.83		
	6:15 AM	2	22	3	0	27	9	0	0	0	9	1	12	2	0	15	3	0	1	0	4	55	274	0.74		
	6:30 AM	5	15	4	0	24	2	2	0	0	4	3	24	1	0	28	2	1	3	0	6	62	350	0.67		
	6:45 AM	0	16	2	0	18	6	2	2	0	10	1	23	3	0	27	2	4	4	0	10	65	411	0.78		
	7:00 AM	2	23	5	0	30	6	1	0	0	7	2	33	2	0	37	6	7	5	0	18	92	451	0.86		
	7:15 AM	3	49	3	0	55	6	5	2	0	13	1	46	0	0	47	5	6	5	0	16	131	449	0.86		
	7:30 AM	3	34	8	0	45	4	4	2	0	10	3	43	3	0	49	6	2	11	0	19	123	418	0.85		
	7:45 AM	3	29	7	0	39	3	2	4	0	9	2	43	3	0	48	2	3	4	0	9	105	429	0.80		
	8:00 AM	1	26	4	0	31	9	2	2	0	13	1	29	5	0	35	8	1	2	0	11	90	423	0.79		
	8:15 AM	1	22	9	0	32	8	1	1	0	10	0	45	2	0	47	2	3	6	0	11	100	431	0.80		
	8:30 AM	6	60	14	0	80	9	0	0	0	9	2	34	5	0	41	1	2	1	0	4	134	430	0.80		
	8:45 AM	1	29	11	0	41	9	2	0	0	11	2	35	1	0	38	3	4	2	0	9	99	394	0.99		
	9:00 AM	1	26	12	0	39	8	5	0	0	13	1	28	1	0	30	4	5	7	0	16	98	391	0.99		
	9:15 AM	2	32	6	0	40	6	2	2	0	10	4	29	0	0	33	4	3	9	0	16	99	393	0.98		
	9:30 AM	3	21	14	0	38	6	2	2	0	10	2	32	5	0	39	6	4	1	0	11	98	405	0.91		
	9:45 AM	2	27	10	0	39	12	1	0	0	13	0	35	2	0	37	1	3	3	0	7	96	421	0.92		
Midday Peak Period	10:00 AM	2	18	14	0	34	9	2	1	0	12	2	37	1	0	40	1	8	5	0	14	100	435	0.95		
	10:15 AM	1	27	14	0	42	14	3	4	0	21	4	31	0	0	35	6	3	4	0	13	111	457	0.94		
	10:30 AM	1	36	11	0	48	19	2	3	0	24	2	27	2	0	31	3	5	3	0	11	114	474	0.93		
	10:45 AM	1	28	11	0	40	14	4	4	0	22	3	41	1	0	45	1	1	1	0	3	110	467	0.91		
	11:00 AM	0	33	16	0	49	14	7	3	0	24	1	30	6	0	37	0	7	5	0	12	122	449	0.88		
	11:15 AM	3	38	16	0	57	25	5	1	0	31	2	25	2	0	29	4	2	5	0	11	128	437	0.85		
	11:30 AM	2	24	10	0	36	21	4	0	0	25	3	28	3	0	34	4	8	0	0	12	107	425	0.92		
	11:45 AM	2	24	14	0	40	15	2	6	0	23	3	15	2	0	20	2	3	4	0	9	92	433	0.93		
	12:00 PM	2	28	8	0	38	14	7	4	1	26	3	23	6	0	32	6	5	3	0	14	110	479	0.87		
	12:15 PM	5	27	9	0	41	15	5	1	0	21	4	34	9	0	47	4	3	0	0	7	116	483	0.88		
	12:30 PM	5	28	8	0	41	14	4	3	0	21	1	42	4	0	47	0	4	2	0	6	115	483	0.88		
	12:45 PM	3	44	12	0	59	10	3	3	0	16	2	41	6	0	49	2	9	3	0	14	138	502	0.91		
	1:00 PM	2	26	20	0	48	15	2	2	0	19	2	31	4	0	37	4	4	2	0	10	114	462	0.86		
	1:15 PM	3	29	11	0	43	17	3	5	0	25	2	37	5	0	44	1	1	2	0	4	116	483	0.89		
	1:30 PM	3	30	16	0	49	19	3	1	0	23	6	36	3	0	45	6	5	6	0	17	134	493	0.91		
	1:45 PM	0	25	10	0	35	13	1	2	0	16	1	34	2	0	37	3	4	3	0	10	98	546	0.73		
PM Peak Period	2:00 PM	4	28	20	0	52	18	5	2	0	25	4	34	4	0	42	3	7	6	0	16	135	580	0.78		
	2:15 PM	2	31	10	0	43	15	5	4	0	24	2	42	6	0	50	2	5	2	0	9	126	595	0.80		
	2:30 PM	13	57	12	0	82	17	5	5	0	27	7	47	5	0	59	10	6	3	0	19	187	622	0.83		
	2:45 PM	6	46	9	0	61	20	3	0	0	23	2	35	4	0	41	1	3	3	0	7	132	588	0.96		
	3:00 PM	3	33	11	0	47	20	5	4	0	29	4	49	8	0	61	7	2	4	0	13	150	614	0.97		
	3:15 PM	3	45	15	0	63	15	2	3	0	20	5	48	5	0	58	5	2	5	0	12	153	651	0.87		
	3:30 PM	7	60	16	0	83	16	4	1	0	21	3	29	3	0	35	2	7	5	0	14	153	645	0.86		
	3:45 PM	5	52	8	0	65	14	1	4	0	19	6	47	3	0	56	3	8	7	0	18	158	635	0.85		
	4:00 PM	8	59	16	0	83	21	12	12	0	45	10	23	10	0	43	3	7	6	0	16	187	645	0.86		
	4:15 PM	4	41	11	0	56	17	2	4	0	23	2	36	4	0	42	4	10	12	0	26	147	604	0.90		
	4:30 PM	5	42	8	0	55	20	7	1	0	28	1	41	6	0	48	5	2	5	0	12	143	613	0.91		
	4:45 PM	7	57	14	0	78	15	4	6	0	25	4	38	10	0	52	4	2	7	0	13	168	604	0.90</		

Intersection Traffic Volume Report

Count Basics				Page 6 of 13	
Start Date:	Tuesday, June 10, 2025	Weekday	Schools in Session		
Total Number of Hours Counted:	14	Non-Holiday	No Special Events		

15-Minute Automobile Data

Manhattan Dr. & Niagara St.



15-Minute Automobile Data

15-Minute Time Period	From North					From East					From South					From West					15-Min Totals	Hourly Sum		
	Manhattan Dr.					Woodman's Driveway					Manhattan Dr.					Niagara St.								
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total				
Start Time																								
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:00 AM	0	13	2	0	15	2	0	0	0	2	0	8	2	0	10	2	1	0	0	3	30	201		
6:15 AM	2	19	3	0	24	9	0	0	0	9	0	8	2	0	10	3	0	1	0	4	47	254		
6:30 AM	5	15	4	0	24	2	2	0	0	4	3	22	1	0	26	2	1	3	0	6	60	329		
6:45 AM	0	16	2	0	18	5	2	2	0	9	1	23	3	0	27	2	4	4	0	10	64	387		
7:00 AM	2	21	4	0	27	6	1	0	0	7	2	29	2	0	33	6	6	4	0	16	83	420		
7:15 AM	3	46	3	0	52	6	4	1	0	11	1	43	0	0	44	5	5	5	0	15	122	422		
7:30 AM	3	31	7	0	41	4	4	2	0	10	2	43	3	0	48	6	2	11	0	19	118	394		
7:45 AM	3	28	6	0	37	3	2	3	0	8	2	38	3	0	43	2	3	4	0	9	97	401		
8:00 AM	1	26	4	0	31	7	2	1	0	10	1	27	5	0	33	8	1	2	0	11	85	394		
8:15 AM	1	19	9	0	29	8	0	1	0	9	0	44	1	0	45	2	3	6	0	11	94	402		
8:30 AM	6	54	13	0	73	8	0	0	0	8	2	33	5	0	40	1	2	1	0	4	125	396		
8:45 AM	0	27	11	0	38	9	2	0	0	11	2	29	1	0	32	3	4	2	0	9	90	361		
9:00 AM	1	25	12	0	38	8	5	0	0	13	1	25	1	0	27	4	4	7	0	15	93	365		
9:15 AM	2	27	5	0	34	6	2	1	0	9	3	28	0	0	31	4	3	7	0	14	88	367		
9:30 AM	3	19	13	0	35	6	2	2	0	10	2	28	5	0	35	6	3	1	0	10	90	383		
9:45 AM	2	26	10	0	38	12	1	0	0	13	0	34	2	0	36	1	3	3	0	7	94	403		
10:00 AM	2	18	13	0	33	9	2	1	0	12	2	34	1	0	37	1	8	4	0	13	95	410		
10:15 AM	1	25	14	0	40	14	3	3	0	20	4	30	0	0	34	4	3	3	0	10	104	432		
10:30 AM	1	34	11	0	46	19	2	2	0	23	1	27	2	0	30	3	5	3	0	11	110	450		
10:45 AM	1	26	10	0	37	14	4	4	0	22	3	35	1	0	39	1	1	1	0	3	101	441		
11:00 AM	0	31	16	0	47	14	6	3	0	23	1	28	6	0	35	0	7	5	0	12	117	432		
11:15 AM	3	35	16	0	54	25	5	1	0	31	2	23	1	0	26	4	2	5	0	11	122	424		
11:30 AM	2	22	9	0	33	21	4	0	0	25	3	25	3	0	31	4	8	0	0	12	101	413		
11:45 AM	2	24	14	0	40	15	2	6	0	23	3	15	2	0	20	2	3	4	0	9	92	424		
12:00 PM	2	28	8	0	38	14	7	4	1	26	2	23	6	0	31	6	5	3	0	14	109	464		
12:15 PM	5	26	8	0	39	15	5	0	0	20	3	33	9	0	45	4	3	0	0	7	111	464		
12:30 PM	5	28	8	0	41	14	4	2	0	20	1	40	4	0	45	0	4	2	0	6	112	468		
12:45 PM	2	42	12	0	56	10	3	2	0	15	2	40	6	0	48	2	9	2	0	13	132	487		
1:00 PM	2	24	19	0	45	15	2	2	0	19	2	29	4	0	35	4	4	2	0	10	109	447		
1:15 PM	3	28	11	0	42	17	3	5	0	25	2	37	5	0	44	1	1	2	0	4	115	469		
1:30 PM	3	29	16	0	48	19	3	1	0	23	6	34	3	0	43	6	5	6	0	17	131	476		
1:45 PM	0	22	9	0	31	13	1	2	0	16	1	32	2	0	35	3	4	3	0	10	92	529		
2:00 PM	4	24	20	0	48	18	5	2	0	25	4	34	4	0	42	3	7	6	0	16	131	562		
2:15 PM	2	29	10	0	41	15	5	4	0	24	2	40	6	0	48	2	5	2	0	9	122	575		
2:30 PM	13	57	12	0	82	17	5	5	0	27	6	46	5	0	57	9	6	3	0	18	184	599		
2:45 PM	6	42	8	0	56	20	3	0	0	23	2	34	4	0	40	1	3	2	0	6	125	561		
3:00 PM	3	31	11	0	45	19	4	4	0	27	4	47	8	0	59	7	2	4	0	13	144	593		
3:15 PM	3	44	14	0	61	15	2	3	0	20	5	45	5	0	55	4	2	4	0	10	146	631		
3:30 PM	7	58	15	0	80	14	4	1	0	19	3	27	3	0	33	2	7	5	0	14	146	631		
3:45 PM	5	51	8	0	64	14	1	4	0	19	6	47	3	0	56	3	8	7	0	18	157	627		
4:00 PM	8	58	15	0	81	21	12	12	0	45	10	21	9	0	40	3	7	6	0	16	182	636		
4:15 PM	4	41	11	0	56	16	2	4	0	22	2	36	4	0	42	4	10	12	0	26	146	598		
4:30 PM	5	41	8	0	54	20	7	1	0	28	1	41	6	0	48	5	2	5	0	12	142	608		
4:45 PM	7	57	13	0	77	15	4	6	0	25	4	37	10	0	51	4	2	7	0	13	166	598		
5:00 PM	5	56	14	0	75	12	2	3	0	17	3	27	6	0	36	7	7	2	0	16	144	542		
5:15 PM	7	51	10	0	68	15	5	4	0	24	4	27	6	0	37	7	10	10	0	27	156	518		
5:30 PM	7	44	9	0																				

Count Basics		Page 7 of 13	
Start Date:	Tuesday, June 10, 2025	Weekday	Schools in Session
Total Number of Hours Counted:	14	Non-Holiday	No Special Events

Manhattan Dr. & Niagara St.

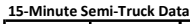
Single Unit (SU) Trucks & Buses

[illegible]

Hourly Time Period Start Time		↙				←				↗				→				Total Hourly Volume				
		From North				From East				From South				From West								
		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right		Thru	Left	U-Tn	Total
AM	7:00 AM	0	5	3	0	8	0	1	1	0	2	1	7	0	0	8	0	2	1	0	3	21
MD	12:45 PM	1	2	1	0	4	0	1	1	0	1	0	3	0	0	3	0	0	1	0	1	9
PM	3:15 PM	0	4	2	0	6	0	0	0	0	0	5	1	0	6	1	0	1	0	2	14	

15-Minute Semi-Truck Data

Manhattan Dr. & Niagara St.



15-Minute Semi-Truck Data

Peak Hour Semi-Truck Volume Summary

		Peak Hour Southbound Volume Summary																				
		From North					From East					From South					From West					
Hourly Time Period		Manhattan Dr.					Woodman's Driveway					Manhattan Dr.					Niagara St.					Total Hourly
Start Time		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Volume
AM 7:00 AM		0	4	0	0	4	0	0	0	0	0	1	0	5	0	0	5	0	0	0	0	10
MD 12:45 PM		0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	6
PM 3:15 PM		0	1	1	0	2	2	0	0	0	2	0	2	0	0	2	0	0	0	0	0	6

Intersection Traffic Volume Report

Count Basics				Page 9 of 13	
Start Date:	Tuesday, June 10, 2025	Weekday	Schools in Session		
Total Number of Hours Counted:	14	Non-Holiday	No Special Events		

15-Minute Heavy Vehicle Data

Manhattan Dr. & Niagara St.



15-Minute Heavy Vehicle Data

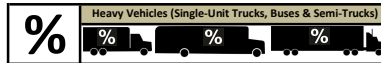
15-Minute Time Period	From North					From East					From South					From West					15-Min Totals	Hourly Sum		
	Manhattan Dr.					Woodman's Driveway					Manhattan Dr.					Niagara St.								
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total				
Start Time																								
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:00 AM	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	15	
6:15 AM	0	3	0	0	3	0	0	0	0	0	1	4	0	0	5	0	0	0	0	0	0	8	20	
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2	21		
6:45 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	24		
7:00 AM	0	2	1	0	3	0	0	0	0	0	0	4	0	0	4	0	1	1	0	2	9	31		
7:15 AM	0	3	0	0	3	0	1	1	0	2	0	3	0	0	3	0	1	0	0	1	9	27		
7:30 AM	0	3	1	0	4	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	5	24		
7:45 AM	0	1	1	0	2	0	0	1	0	1	0	5	0	0	5	0	0	0	0	0	8	28		
8:00 AM	0	0	0	0	0	2	0	1	0	3	0	2	0	0	2	0	0	0	0	0	5	29		
8:15 AM	0	3	0	0	3	0	1	0	0	1	0	1	1	0	2	0	0	0	0	0	6	29		
8:30 AM	0	6	1	0	7	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	9	34		
8:45 AM	1	2	0	0	3	0	0	0	0	0	6	0	0	0	6	0	0	0	0	0	9	33		
9:00 AM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	1	0	0	1	5	26		
9:15 AM	0	5	1	0	6	0	0	1	0	1	1	1	0	0	2	0	2	0	0	2	11	26		
9:30 AM	0	2	1	0	3	0	0	0	0	0	4	0	0	4	0	1	0	0	1	8	22			
9:45 AM	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	18		
10:00 AM	0	0	1	0	1	0	0	0	0	0	0	3	0	0	3	0	0	1	0	1	5	25		
10:15 AM	0	2	0	0	2	0	0	1	0	1	0	1	0	0	1	2	0	1	0	3	7	25		
10:30 AM	0	2	0	0	2	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	4	24		
10:45 AM	0	2	1	0	3	0	0	0	0	0	6	0	0	0	6	0	0	0	0	0	9	26		
11:00 AM	0	2	0	0	2	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	5	17		
11:15 AM	0	3	0	0	3	0	0	0	0	0	2	1	0	0	3	0	0	0	0	0	6	13		
11:30 AM	0	2	1	0	3	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	6	12		
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		
12:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	15		
12:15 PM	0	1	1	0	2	0	0	1	0	1	1	1	0	0	2	0	0	0	0	0	5	19		
12:30 PM	0	0	0	0	0	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	3	15		
12:45 PM	1	2	0	0	3	0	0	1	0	1	0	1	0	0	1	0	0	1	0	1	6	15		
1:00 PM	0	2	1	0	3	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	5	15		
1:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	14		
1:30 PM	0	1	0	0	1	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	3	17		
1:45 PM	0	3	1	0	4	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	6	17		
2:00 PM	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	18		
2:15 PM	0	2	0	0	2	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	4	20		
2:30 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	1	0	0	0	1	3	23		
2:45 PM	0	4	1	0	5	0	0	0	0	0	1	0	0	0	1	0	0	1	0	1	7	27		
3:00 PM	0	2	0	0	2	1	1	0	0	2	0	2	0	0	2	0	0	0	0	0	6	21		
3:15 PM	0	1	1	0	2	0	0	0	0	0	3	0	0	0	3	1	0	1	0	2	7	20		
3:30 PM	0	2	1	0	3	2	0	0	0	2	0	2	0	0	2	0	0	0	0	0	7	14		
3:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8		
4:00 PM	0	1	1	0	2	0	0	0	0	0	2	1	0	0	3	0	0	0	0	0	5	9		
4:15 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	6		
4:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5		
4:45 PM	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	6		
5:00 PM	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	2	4		
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
5:30 PM	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	5		
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
6:15 PM	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	1	0	1	3	3		
6:30 PM	0	0	0	0																				

Intersection Traffic Volume Report

Count Basics		Page 10 of 13	
Start Date:	Tuesday, June 10, 2025	Weekday	Schools in Session
Total Number of Hours Counted:	14	Non-Holiday	No Special Events

15-Minute Heavy Vehicle Percentages

Manhattan Dr. & Niagara St.



15-Minute Heavy Vehicle Percentages

15-Minute Time Period	From North					From East					From South					From West					Total Heavy Vehicle Percent	
	Manhattan Dr.					Woodman's Driveway					Manhattan Dr.					Niagara St.						
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total		
Start Time																						
Pre-AM Peak Period	12:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	12:15 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	12:30 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	12:45 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	1:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	1:15 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	1:30 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	1:45 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2:15 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2:30 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2:45 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	3:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	3:15 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	3:30 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	3:45 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
AM Peak Period	4:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4:15 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4:30 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4:45 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5:15 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5:30 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5:45 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6:00 AM	0.0	7.1	50.0	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	25.0	11.8	6.9	
	6:15 AM	0.0	13.6	0.0	0.0	11.1	0.0	0.0	0.0	0.0	100.0	33.3	0.0	0.0	33.3	0.0	0.0	0.0	0.0	0.0	14.5	7.3
	6:30 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	3.2	6.0
	6:45 AM	0.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	5.8
	7:00 AM	0.0	8.7	20.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	10.8	0.0	14.3	20.0	0.0	11.1	9.8	6.9
	7:15 AM	0.0	6.1	0.0	0.0	5.5	0.0	20.0	50.0	0.0	15.4	0.0	6.5	0.0	6.4	0.0	16.7	0.0	0.0	6.3	6.9	6.0
	7:30 AM	0.0	8.8	12.5	0.0	8.9	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	4.1	5.7
	7:45 AM	0.0	3.4	14.3	0.0	5.1	0.0	0.0	25.0	0.0	11.1	0.0	11.6	0.0	10.4	0.0	0.0	0.0	0.0	0.0	7.6	6.5
	8:00 AM	0.0	0.0	0.0	0.0	0.0	22.2	0.0	50.0	0.0	23.1	0.0	6.9	0.0	5.7	0.0	0.0	0.0	0.0	0.0	5.6	6.9
	8:15 AM	0.0	13.6	0.0	0.0	9.4	0.0	100.0	0.0	10.0	0.0	2.2	50.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	6.0	6.7
	8:30 AM	0.0	10.0	7.1	0.0	8.8	11.1	0.0	0.0	0.0	11.1	0.0	2.9	0.0	2.4	0.0	0.0	0.0	0.0	0.0	6.7	7.9
	8:45 AM	100.0	6.9	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0	17.1	0.0	0.0	15.8	0.0	0.0	0.0	0.0	0.0	9.1	8.4
	9:00 AM	0.0	3.8	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	10.7	0.0	0.0	10.0	0.0	20.0	0.0	0.0	6.3	5.1	6.6
	9:15 AM	0.0	15.6	16.7	0.0	15.0	0.0	0.0	50.0	0.0	10.0	25.0	3.4	0.0	6.1	0.0	22.2	0.0	12.5	11.1	6.6	
	9:30 AM	0.0	9.5	7.1	0.0	7.9	0.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0	10.3	0.0	25.0	0.0	0.0	9.1	8.2	5.4
	9:45 AM	0.0	3.7	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	2.1	4.3
Midday Peak Period	10:00 AM	0.0	0.0	7.1	0.0	2.9	0.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0	7.5	0.0	20.0	0.0	7.1	5.0	5.7	
	10:15 AM	0.0	7.4	0.0	0.0	4.8	0.0	0.0	25.0	0.0	4.8	3.2	0.0	0.0	2.9	33.3	0.0	25.0	0.0	23.1	6.3	5.5
	10:30 AM	0.0	5.6	0.0	0.0	4.2	0.0	0.0	33.3	0.0	4.2	50.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	3.5	5.1
	10:45 AM	0.0	7.1	9.1	0.0	7.5	0.0	0.0	0.0	0.0	0.0	14.6	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	8.2	5.6
	11:00 AM	0.0	6.1	0.0	0.0	4.1	0.0	0.0	14.3	0.0	4.2	6.7	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	4.1	3.8
	11:15 AM	0.0	7.9	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	8.0	50.0	0.0	10.3	0.0	0.0	0.0	0.0	0.0	4.7	3.0
	11:30 AM	0.0	8.3	10.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	10.7	0.0	0.0	8.8	0.0	0.0	0.0	0.0	0.0	5.6	2.8
	11:45 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
	12:00 PM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.9	3.1
	12:15 PM	0.0	3.7	11.1	0.0	4.9	0.0	0.0	100.0	0.0	4.8	25.0	2.9	0.0	4.3	0.0	0.0	0.0	0.0	0.0	4.3	3.9
	12:30 PM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	0.0	4.8	0.0	4.8	0.0	0.0	4.3	0.0	0.0	0.0	0.0	2.6	3.1
	12:45 PM	33.3	4.5	0.0	0.0	5.1	0.0	0.0	33.3	0.0	6.3	0.0	2.4	0.0	2.0	0.0	0.0	33.3	0.0	7.1	4.3	3.0
	1:00 PM	0.0	7.7	5.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	4.4	3.2
	1:15 PM	0.0	3.4	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.9
	1:30 PM	0.0	3.3	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	2.2	3.4
	1:45 PM	0.0	12.0	10.0	0.0	11.4	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	6.1	3.1
PM Peak Period	2:00 PM	0.0	14.3	0.0	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.1
	2:15 PM	0.0	6.5	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	3.2	3.4
	2:30 PM	0.0																				

Intersection Traffic Volume Report

Count Basics			Page 11 of 13	
Start Date:	Tuesday, June 10, 2025	Weekday	Schools in Session	
Total Number of Hours Counted:	14	Non-Holiday	No Special Events	

15-Minute Pedestrian and Bicyclist Data

Manhattan Dr. & Niagara St.



15-Minute Pedestrian and Bicyclist Data

15-Minute Time Period	Crossing North Approach			Crossing East Approach			Crossing South Approach			Crossing West Approach			15-Min Totals	Hourly Sum		
	Manhattan Dr.			Woodman's Driveway			Manhattan Dr.			Niagara St.						
	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total				
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
6:15 AM	2	0	2	0	0	0	0	0	0	0	0	0	2	2		
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
7:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	1	1		
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
9:30 AM	0	0	0	1	0	1	0	0	0	0	0	0	1	5		
9:45 AM	1	0	1	1	0	1	0	0	0	0	0	0	2	9		
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	7		
10:15 AM	0	0	0	1	0	1	0	0	0	1	0	1	2	8		
10:30 AM	1	2	3	0	2	2	0	0	0	0	0	0	5	6		
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
11:00 AM	0	0	0	1	0	1	0	0	0	0	0	0	1	4		
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
11:30 AM	1	0	1	0	0	0	0	0	0	0	0	0	1	3		
11:45 AM	0	0	0	2	0	2	0	0	0	0	0	0	2	4		
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	7		
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	7		
12:30 PM	2	0	2	0	0	0	0	0	0	0	0	0	2	12		
12:45 PM	2	0	2	1	0	1	0	0	0	1	1	2	5	11		
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	8		
1:15 PM	3	0	3	2	0	2	0	0	0	0	0	0	5	10		
1:30 PM	1	0	1	0	0	0	0	0	0	0	0	0	1	6		
1:45 PM	1	0	1	1	0	1	0	0	0	0	0	0	2	5		
2:00 PM	0	0	0	1	0	1	1	0	1	0	0	0	2	6		
2:15 PM	1	0	1	0	0	0	0	0	0	0	0	0	1	6		
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	5		
2:45 PM	0	0	0	0	0	0	1	0	1	0	2	2	3	6		
3:00 PM	0	0	0	2	0	2	0	0	0	0	0	0	2	3		
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
3:30 PM	0	0	0	0	0	0	1	0	1	0	0	0	1	8		
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	11		
4:00 PM	0	2	2	0	1	1	0	0	0	0	0	0	3	12		
4:15 PM	0	0	0	1	2	3	1	0	1	0	0	0	4	15		
4:30 PM	0	1	1	0	0	0	1	0	1	2	0	2	4	11		
4:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	1	7		
5:00 PM	2	0	2	2	0	2	1	0	1	1	0	1	6	9		
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	5		
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	8		
5:45 PM	2	0	2	1	0	1	0	0	0	0	0	0	3	11		
6:00 PM	1	0	1	1	0	1	0	0	0	0	0	0	2	8		
6:15 PM	2	0	2	1	0	1	0	0	0	0	0	0	3	7		
6:30 PM	0	0	0	1	0	1	2	0	2	0	0	0	3	7		
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	7		
7:00 PM	0	0	0	0	0	0	1	0	1	0	0	0	1	8		
7:15 PM	3	0	3	0	0	0	0	0	0	0	0	0	3			
7:30 PM	1	0	1	2	0	2	0	0	0	0	0	0	3			
7:45 PM	0	0	0	0	0	0	1	0	1	0	0	0	1			
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0			
Totals	26	5	31	22	5	27	10	0	10	7	3	10	78			

Special Pedestrians

Pedestrian Type	None	1 or 2	A Few	Several	Many	Unknown
Pre-school Children	x					
Elementary School Age Children	x					
Visually Impaired (white cane/help)	x					
Elderly/Disabled (except wheelcha)	x					
Wheelchairs/Electric Scooters	x					
Other (None)	x					

Intersection Traffic Volume Report

Count Basics				Page 12 of 13
Start Date:	Tuesday, June 10, 2025	Weekday	Schools in Session	
Total Number of Hours Counted:	14	Non-Holiday	No Special Events	

15-Minute Adult & Children Count (Manual Entry)

Manhattan Dr. & Niagara St.



15-Minute Adult & Children Pedestrian Data

15-Minute Time Period	Crossing North Approach			Crossing East Approach			Crossing South Approach			Crossing West Approach			15-Min Totals	Hourly Sum		
	Manhattan Dr.		Total	Woodman's Driveway		Total	Manhattan Dr.		Total	Niagara St.		Total				
	Adults	Children		Adults	Children		Adults	Children		Adults	Children					
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
6:15 AM	2	0	2	0	0	0	0	0	0	0	0	0	2	2		
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
7:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	1	1		
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
9:30 AM	0	0	0	1	0	1	0	0	0	0	0	0	1	5		
9:45 AM	1	0	1	1	0	1	0	0	0	0	0	0	2	5		
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
10:15 AM	0	0	0	1	0	1	0	0	1	0	0	1	2	4		
10:30 AM	1	0	1	0	0	0	0	0	0	0	0	0	1	2		
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
11:00 AM	0	0	0	1	0	1	0	0	0	0	0	0	1	4		
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
11:30 AM	1	0	1	0	0	0	0	0	0	0	0	0	1	3		
11:45 AM	0	0	0	2	0	2	0	0	0	0	0	0	2	4		
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	6		
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	6		
12:30 PM	2	0	2	0	0	0	0	0	0	0	0	0	2	11		
12:45 PM	2	0	2	1	0	1	0	0	1	0	0	1	4	10		
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	8		
1:15 PM	3	0	3	2	0	2	0	0	0	0	0	0	5	10		
1:30 PM	1	0	1	0	0	0	0	0	0	0	0	0	1	6		
1:45 PM	1	0	1	1	0	1	0	0	0	0	0	0	2	5		
2:00 PM	0	0	0	1	0	1	0	1	0	0	0	0	2	4		
2:15 PM	1	0	1	0	0	0	0	0	0	0	0	0	1	4		
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
2:45 PM	0	0	0	0	1	1	0	1	0	0	0	0	1	4		
3:00 PM	0	0	0	2	0	2	0	0	0	0	0	0	2	3		
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
3:30 PM	0	0	0	0	1	1	0	1	0	0	0	0	1	3		
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	5		
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	6		
4:15 PM	0	0	0	1	1	1	1	0	1	0	0	0	2	12		
4:30 PM	0	0	0	0	1	1	2	0	1	2	0	2	3	10		
4:45 PM	0	0	0	0	0	0	0	1	0	1	1	1	1	7		
5:00 PM	2	0	2	2	1	2	1	1	1	1	1	1	6	9		
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	5		
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	8		
5:45 PM	2	0	2	1	0	1	0	0	0	0	0	0	3	11		
6:00 PM	1	0	1	1	0	1	0	0	0	0	0	0	2	8		
6:15 PM	2	0	2	1	0	1	0	0	0	0	0	0	3	7		
6:30 PM	0	0	0	1	2	1	2	0	0	0	0	0	3	7		
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	7		
7:00 PM	0	0	0	0	1	1	1	0	1	0	0	0	1	8		
7:15 PM	3	0	3	0	0	0	0	0	0	0	0	0	3	7		
7:30 PM	1	0	1	2	0	2	0	0	0	0	0	0	3	4		
7:45 PM	0	0	0	0	1	1	1	0	1	0	0	1	1	1		
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Totals	26	0	26	22	0	22	10	0	10	7	0	7	65			

Count Basics			Page 13 of 13
Start Date:	Tuesday, June 10, 2025	Weekday	Schools in Session
Total Number of Hours Counted:	14	Non-Holiday	No Special Events

Manhattan Dr. & Niagara St.

Bicyclists



15-Minute Bicycle Data

15-Minute Time Period	From North					From East					From South					From West					15-Min Totals	Hourly Sum	
	Manhattan Dr.					Woodman's Driveway					Manhattan Dr.					Niagara St.							
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total			
Pre-AM Peak Period	12:00 AM					0					0					0					0	0	0
	12:15 AM					0					0					0					0	0	0
	12:30 AM					0					0					0					0	0	0
	12:45 AM					0					0					0					0	0	0
	1:00 AM					0					0					0					0	0	0
	1:15 AM					0					0					0					0	0	0
	1:30 AM					0					0					0					0	0	0
	1:45 AM					0					0					0					0	0	0
	2:00 AM					0					0					0					0	0	0
	2:15 AM					0					0					0					0	0	0
	2:30 AM					0					0					0					0	0	0
	2:45 AM					0					0					0					0	0	0
	3:00 AM					0					0					0					0	0	0
	3:15 AM					0					0					0					0	0	0
	3:30 AM					0					0					0					0	0	0
	3:45 AM					0					0					0					0	0	0
	4:00 AM					0					0					0					0	0	0
AM Peak Period	6:00 AM					0					0					0					0	0	0
	6:15 AM					0					0					0					0	0	0
	6:30 AM					0					0					0					0	0	0
	6:45 AM					0					0					0					0	0	0
	7:00 AM					0					0					0					0	0	0
	7:15 AM					0					0					0					0	0	0
	7:30 AM					0					0					0					0	0	0
	7:45 AM					0					0					0					0	0	0
	8:00 AM					0					0					0					0	0	0
	8:15 AM					0					0					0					0	0	0
	8:30 AM					0					0					0					0	0	0
	8:45 AM					0					0					0					0	0	0
	9:00 AM					0					0					0					0	0	0
	9:15 AM					0					0					0					0	0	0
	9:30 AM					0					0					0					0	0	0
	9:45 AM					0					0					0					0	0	0
	Midday Peak Period</																						

Peak Hour Bicycle Turning Movement Volume Summary

Hourly Time Period		From North					From East					From South					From West					Total Hourly Volume
		Manhattan Dr.					Woodman's Driveway					Manhattan Dr.					Niagara St.					
		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	
AM	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

