



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 cancelled October 6, 2025
ID Number: ID#25-01712	Ordinance/Resolution Number (if applicable):
Name of Submitter: Department of Public Works	Common Council Meeting Date: October 21, 2025
Agenda Item Title: Review and possible action on pedestrian safety improvements at the intersection of Hartwell Avenue and Linden Street.	

Issue Before the Board/Council: 8/4/2025. This item was brought forward by Ald. Halvensleben to complete a pedestrian safety study at the intersection of Hartwell Avenue and Linden Street
Options & Alternatives: 1. Approve the installation of the two additional pedestrian crossing signs 2. Approve the installation of cross walk pavement markings for the north/south crossing 3. Recommend other safety measures 4. Make no changes to the intersection
Additional Details: Public Works will present the findings within the report.



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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 is approximately \$220. The cost for adding crosswalk markings is approximately \$400. 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 1 Aug 2025
City Administrator 	Date Reviewed 07/24/2025

MEMORANDUM

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

From: Alexander Cowan, PE, PTOE

Date: July 10, 2025

Project No.: 24-0447.10

Re: N. Hartwell Avenue & Linden Street
Pedestrian Safety Improvement Request

Background

A request was made to improve pedestrian safety at the intersection of N. Hartwell Avenue and Linden Street. Attachment 1 shows the intersection configuration. The intersection contains three approaches, with north and south approaches on N. Hartwell Avenue and an east approach on Linden Street. N. Hartwell Avenue is a 25-mph roadway. Linden Street is a 25-mph roadway that operates under stop control at the study intersection. Parking is allowed on Linden Street but is restricted 50 feet from the intersection on the north side and 150 feet from the intersection on the south side. Parking is not permitted on N. Hartwell Avenue. Waukesha Springs Park is located immediately to the northwest of the intersection.

Two approaches to the intersection allow for pedestrian crossing. A marked crosswalk is located on the north approach to the intersection, crossing N. Hartwell Avenue. A W11-2 "Pedestrian Crossing" sign in yellow and the associated diagonal downward arrow sign is provided on both the north and south approaches on the right side of the roadway. In the northbound direction, an advanced warning sign for pedestrian crossing is provided approximately 275 feet in advance of the crosswalk. A playground sign and a "Speed Limit 15 When Children are Present" sign are provided approximately 175 feet in advance of the crosswalk.

Figure 1: NB Pedestrian Crossing Sign



Figure 2: SB Pedestrian Crossing Ahead Sign



Figure 3: SB Pedestrian Crossing Sign



Figure 4: Crosswalk Markings and Detectable Warning Surfaces



In the southbound direction, an advanced warning sign for pedestrian crossing is provided approximately 175 feet in advance of the crosswalk. There is a playground sign and a speed limit sign present for southbound traffic, located farther to the north in advance of Waukesha Springs Park. An unmarked crosswalk is located on the east approach of the intersection, crossing Linden Street. There is no pedestrian signage on the east approach to the Linden Street crosswalk.

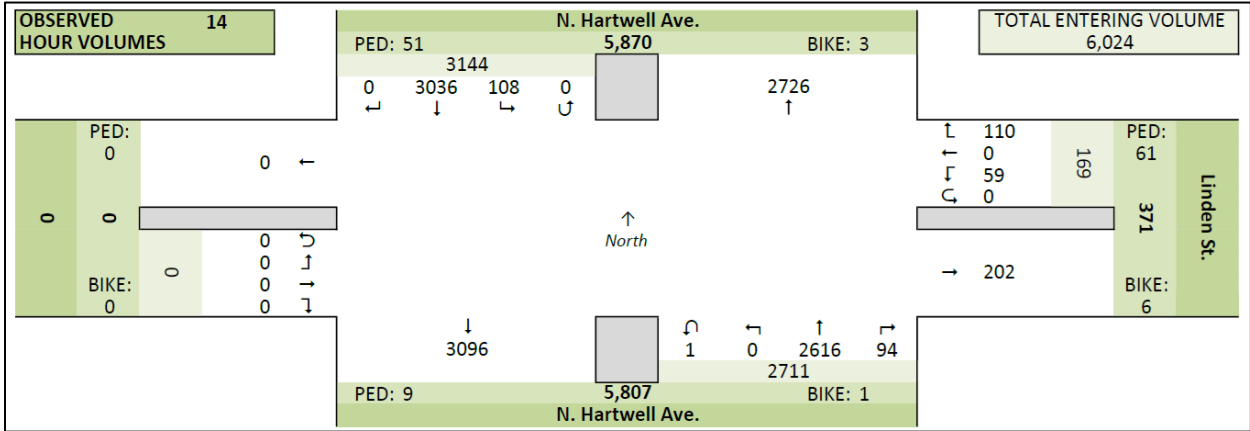
Field Visit

Field observations were made on Wednesday, May 28, 2025. It was noted that the existing pedestrian crossing signs, crosswalk markings, and detectable warning surfaces are in good condition.

Pedestrian Activity

An intersection turning movement count was conducted on Tuesday, June 3, 2025, to understand the magnitude of pedestrian traffic experienced in the intersection on a typical day. The count resulted in the data shown in Figure 5 and Attachment 2. During the study period, which occurred from 6 AM to 8 PM, a total of 121 pedestrians were recorded. Of these pedestrians, 61 crossed the east approach of Linden Street, 51 crossed the north approach of N. Hartwell Avenue, and 9 crossed the south approach of N. Hartwell Avenue.

Figure 5: Observed 14 Hour Traffic Volume Summary



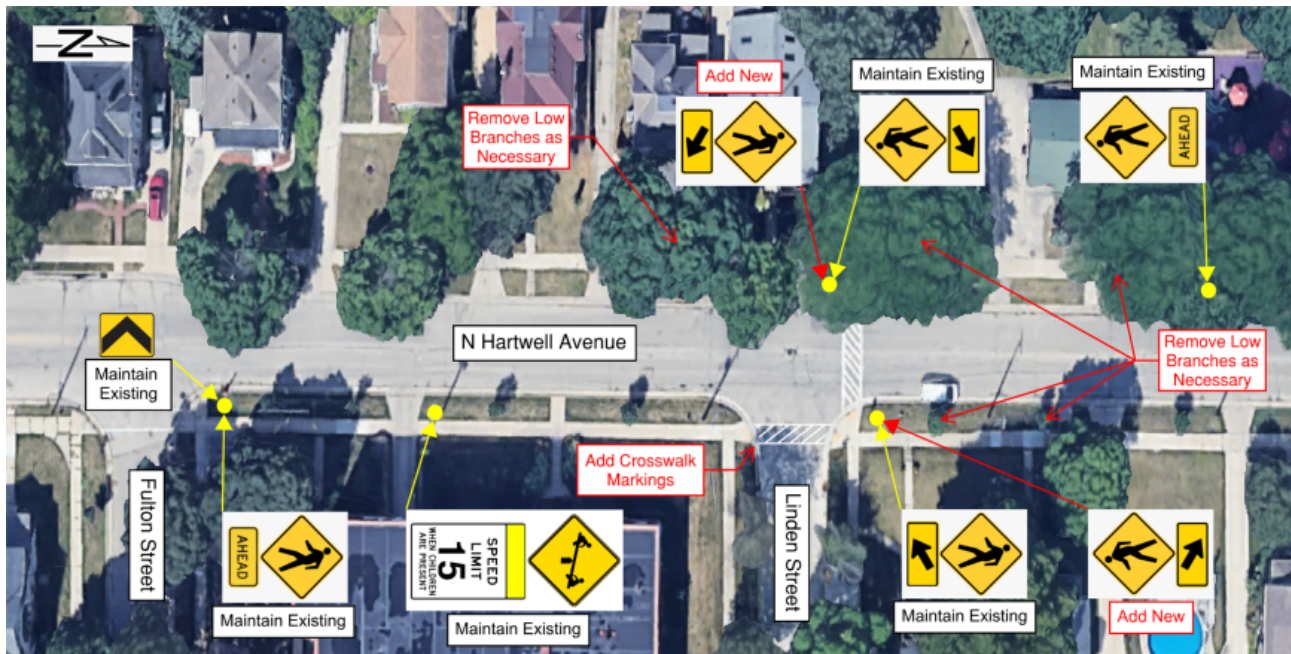
Crash History

A review of the 2020-2025 intersection crash history was conducted using crash data obtained from the University of Wisconsin-Madison Traffic Operations and Safety Laboratory (UW TOPS Lab). The data suggests one crash occurred at the intersection over the past five years and resulted in property damage only. The crash was a rear-end collision involving a southbound vehicle that was following too closely when a second southbound vehicle came to a stop for pedestrians in the crosswalk.

Conclusion

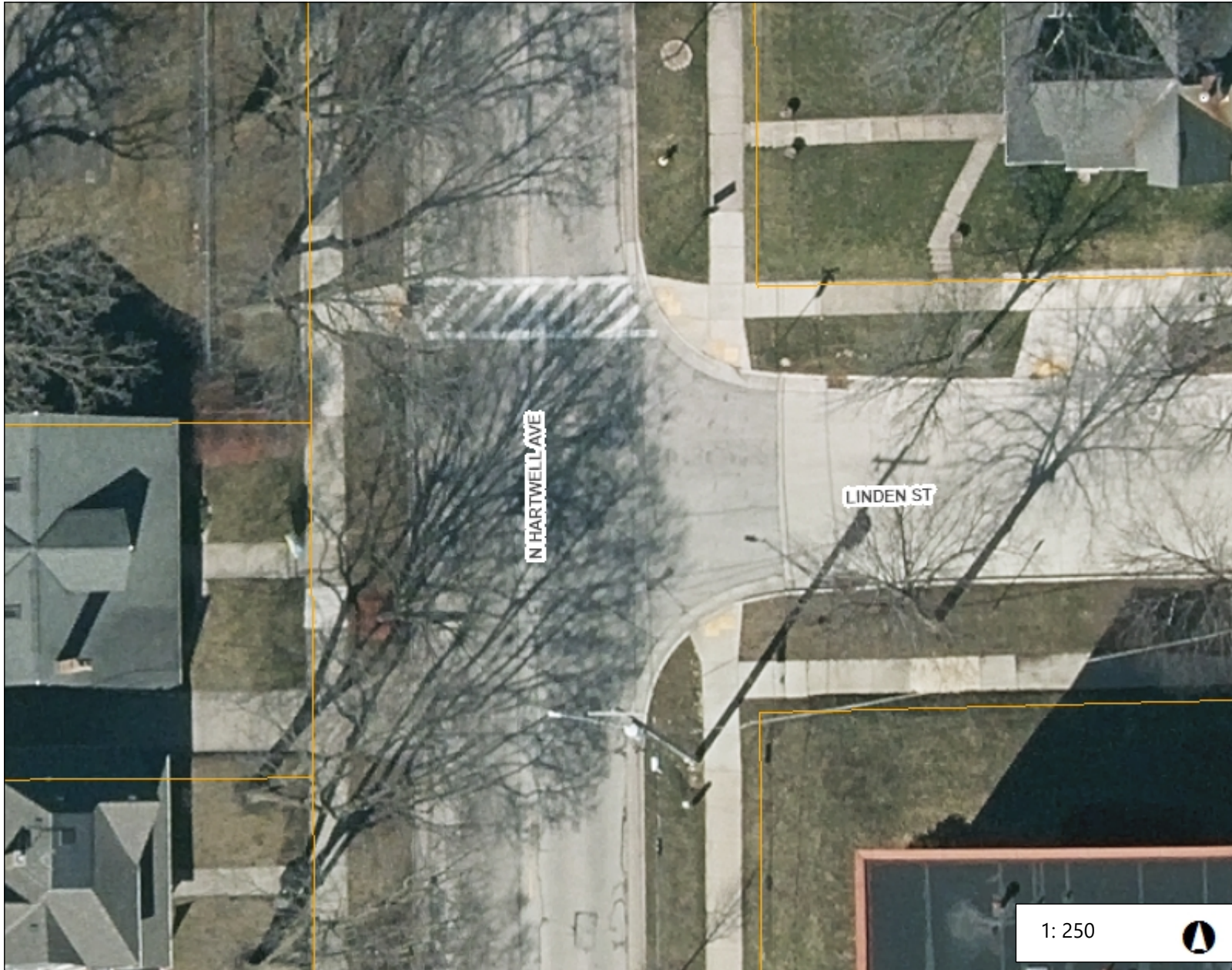
The existing pedestrian facilities at the intersection of N. Hartwell Avenue and Linden Street are in acceptable condition. It is recommended that additional W11-2 signs and their associated diagonal downward arrows be added to the backside of the existing signs on the north crossing of N. Hartwell Avenue to help supplement the existing signs and draw additional attention to the crossing. It is also recommended that once the new signs are placed, any low-hanging branches that block the sight lines to the signs be cleared to improve sign visibility. Given the high volume of pedestrians using the east crossing, a marked crosswalk is recommended for the Linden Street crossing. Figure 6 and Attachment 3 illustrate the recommended intersection improvements.

Figure 6: Intersection Recommendations





City of Waukesha Property Map



Legend

UAS Image Links

- Photo
- Photosphere
- Video
- <all other values>

Address:

- Parcels
- City Limits
- Railroads
- Water Bodies

Notes:

Attachment 1

0.0 0 0.00 0.0 Miles

Print Date: 7/9/2025
City of Waukesha GIS

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.

Intersection Traffic Volume Report

Count Basics	Version 2023.05.03	Page 1 of 13
Start Date:	Tuesday, June 3, 2025	Weekday
Total Number of Hours Counted: 14	Non-Holiday	Schools in Session
		No Special Events

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

Major St: N. Hartwell Ave.

Minor St: Linden St.

Intersection of: N. Hartwell Ave. & Linden St.

IX_ID:



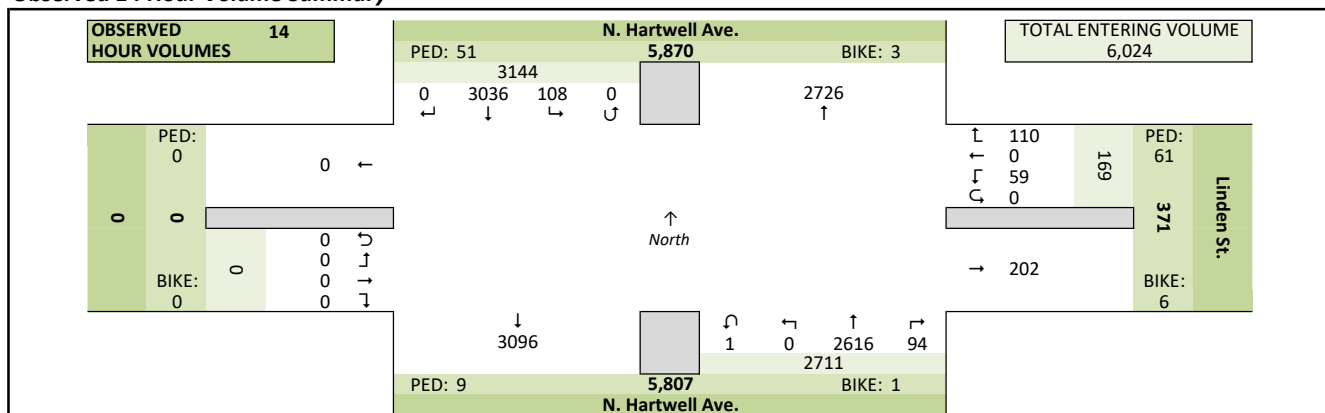
Site Information

Municipality	City of Waukesha
County	67 - Waukesha
Traffic Control	Partial Stop Control
Roadway Names	North Direction
North Leg	N. Hartwell Ave.
East Leg	Linden St.
South Leg	N. Hartwell Ave.
West Leg	
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

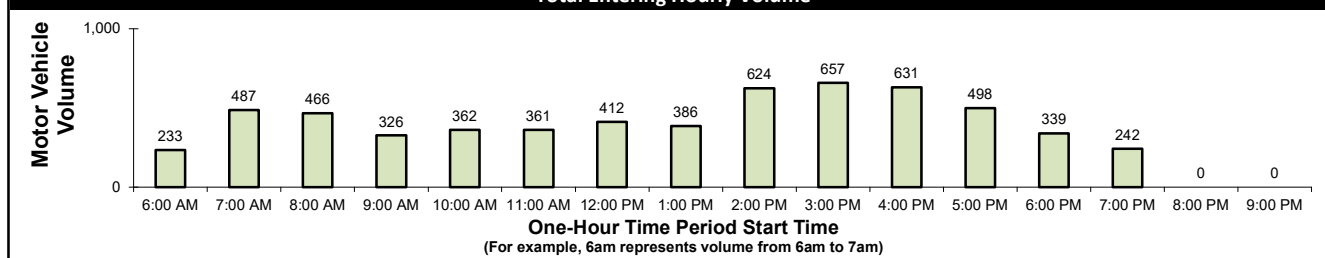
Count Information

Hrs Counted:	06:00 AM-08:00 PM
1st Day of Count	Tuesday, June 3, 2025
AM Peak Period	Tuesday, June 3, 2025
Midday Peak Period	Tuesday, June 3, 2025
PM Peak Period	Tuesday, June 3, 2025
Calculated Peak Hours	
AM	7:00-8:00am
MD	12:00-1:00pm
PM	2:30-3:30pm
Peak Hours Selected for Analysis	
AM	7:00-8:00am
MD	12:00-1:00pm
PM	2:30-3:30pm
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

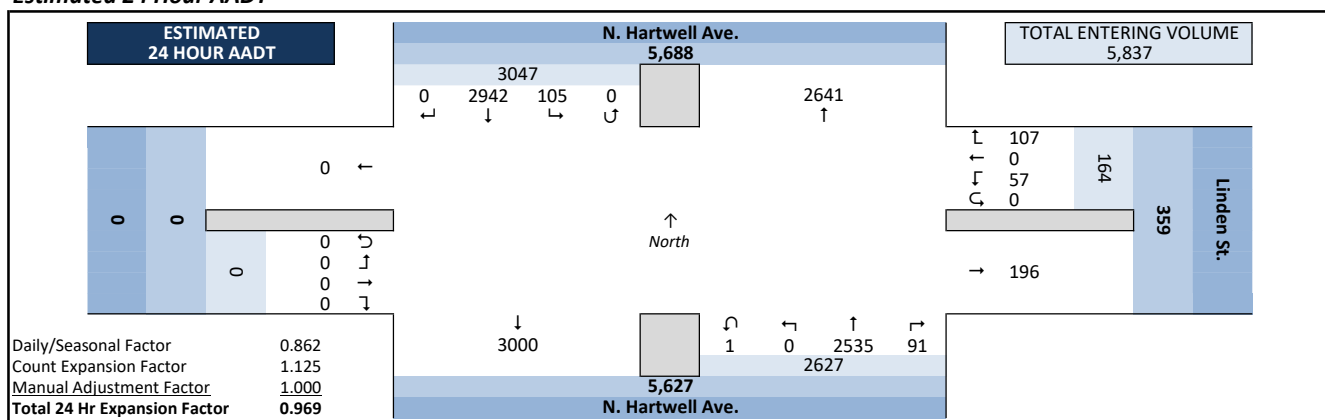
Observed 14 Hour Volume Summary



Total Entering Hourly Volume



Estimated 24 Hour AADT



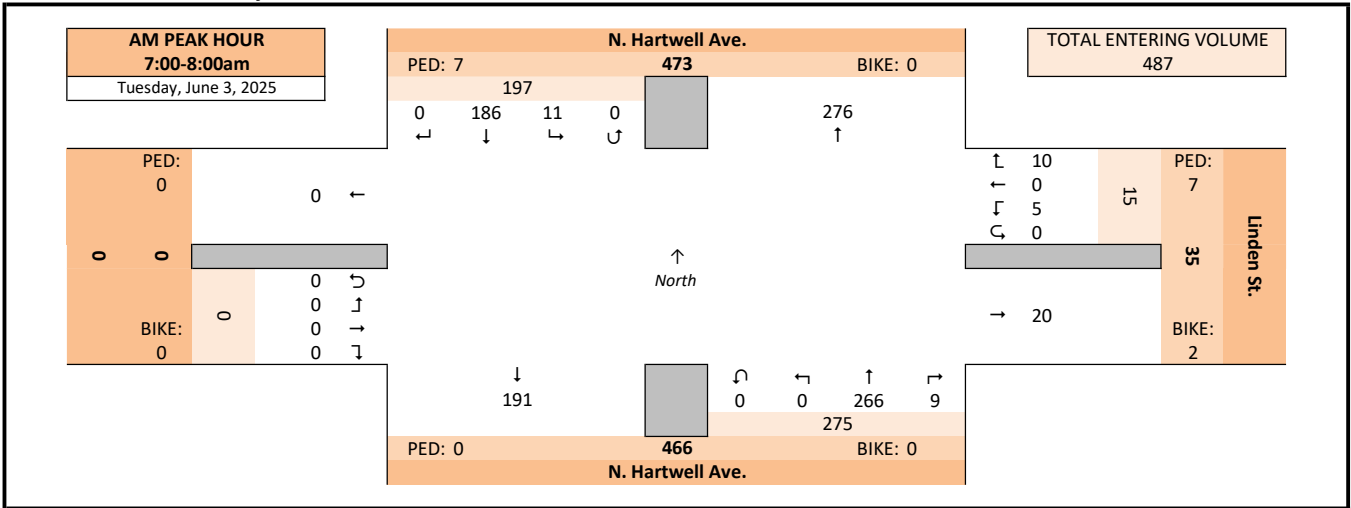
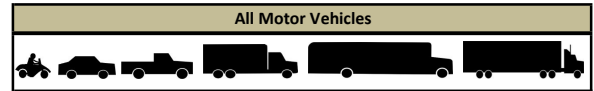
Intersection Traffic Volume Report

Count Basics			Page 2 of 13
Start Date:	Tuesday, June 3, 2025	Weekday	Schools in Session
Total Number of Hours Counted: 14		Non-Holiday	No Special Events

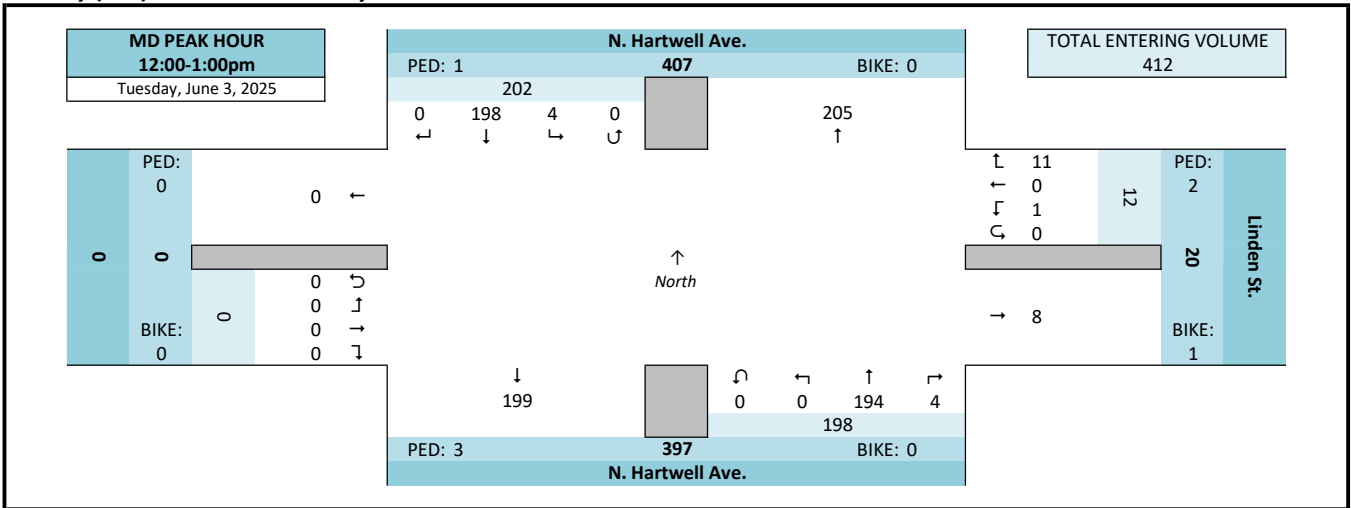
Peak Hour Volume Graphical Summary

N. Hartwell Ave. & Linden St.

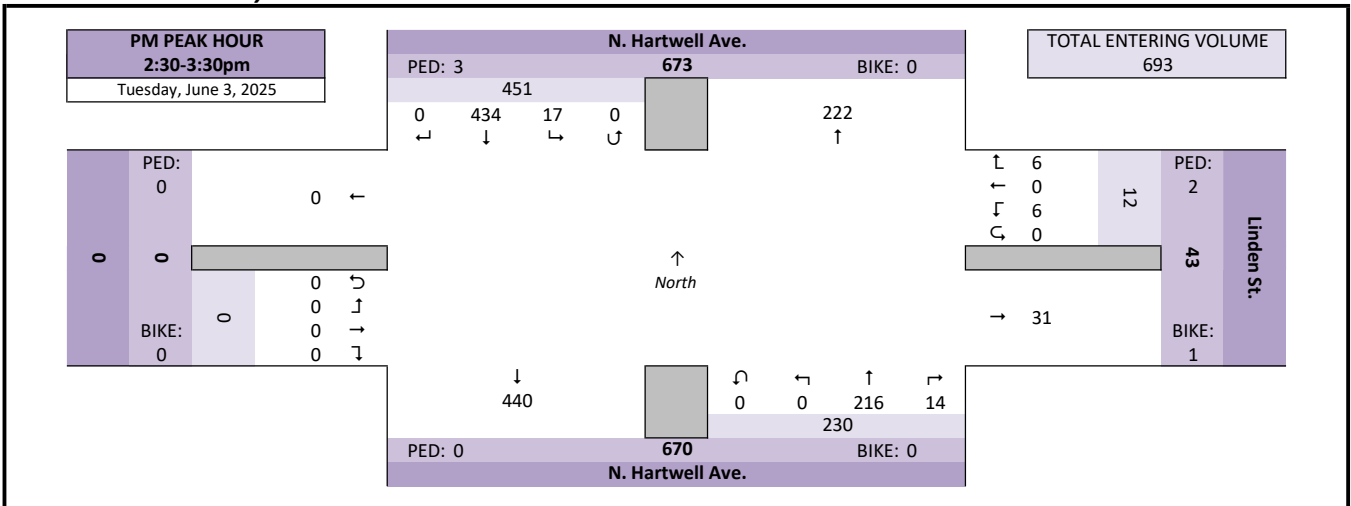
AM Peak Hour Summary



Midday (MD) Peak Hour Summary



PM Peak Hour Summary

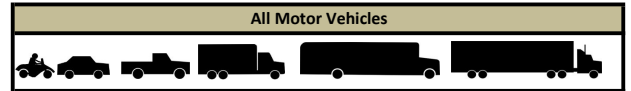


Intersection Traffic Volume Report

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

Peak Hour Volume Summary

N. Hartwell Ave. & Linden St.



Peak Hour Volumes, Truck Percentages, and PHFs

Tuesday, June 3, 2025		↴					↶					↴					↷					Totals
		From North					From East					From South					From West					
		N. Hartwell Ave.					Linden St.					N. Hartwell Ave.					0					
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	
AM Peak Hour	7:00 AM	0	43	2	0	45	5	0	1	0	6	1	51	0	0	52	0	0	0	0	0	103
	7:15 AM	0	57	2	0	59	0	0	3	0	3	1	71	0	0	72	0	0	0	0	0	134
	7:30 AM	0	37	5	0	42	2	0	1	0	3	4	68	0	0	72	0	0	0	0	0	117
	7:45 AM	0	49	2	0	51	3	0	0	0	3	3	76	0	0	79	0	0	0	0	0	133
	Peak Hour Volume	0	186	11	0	197	10	0	5	0	15	9	266	0	0	275	0	0	0	0	0	487
	Rounded Hourly Volume	0	185	10	0	195	10	0	5	0	15	10	265	0	0	275	0	0	0	0	0	485
	% Single Unit Trucks	0.0	3.2	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	22.2	3.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	3.3
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.2
	% Trucks (Total)	0.0	3.2	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	22.2	3.4	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	3.5
Peak Hour Factor (PHF)	0.00	0.82	0.55	0.00	0.83	0.50	0.00	0.42	0.00	0.62	0.56	0.87	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.91	

Tuesday, June 3, 2025		↴					↶					↴					↷					Totals	
Midday (MD) Peak Hour	MD Peak Hour	N. Hartwell Ave.					Linden St.					N. Hartwell Ave.					0						
	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		
	12:00 PM	0	60	0	0	60	1	0	1	0	2	0	46	0	0	46	0	0	0	0	0		108
	12:15 PM	0	46	1	0	47	3	0	0	0	3	2	53	0	0	55	0	0	0	0	0		105
	12:30 PM	0	43	2	0	45	5	0	0	0	5	1	44	0	0	45	0	0	0	0	0	95	
12:45 PM	0	49	1	0	50	2	0	0	0	2	1	51	0	0	52	0	0	0	0	0	104		
Peak Hour Volume	0	198	4	0	202	11	0	1	0	12	4	194	0	0	198	0	0	0	0	0	412		
Rounded Hourly Volume	0	200	5	0	205	10	0	0	0	10	5	195	0	0	200	0	0	0	0	0	415		
% Single Unit Trucks	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	1.2		
% Heavy Trucks	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2		
% Trucks (Total)	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	1.5		
Peak Hour Factor (PHF)	0.00	0.82	0.50	0.00	0.84	0.55	0.00	0.25	0.00	0.60	0.50	0.92	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.95		

Tuesday, June 3, 2025		↓ From North					← From East					↑ From South					→ From West					Totals		
PM Peak Hour	PM Peak Hour	N. Hartwell Ave.					Linden St.					N. Hartwell Ave.					0							
	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			
	2:30 PM	0	129	3	0	132	1	Thru	Left	3	0	4	1	Thru	41	0	0	42	0	0	0		0	178
	2:45 PM	0	113	3	0	116	3	0	3	0	6	3	41	0	0	44	0	0	0	0	0		166	
	3:00 PM	0	100	3	0	103	1	0	0	0	1	2	60	0	0	62	0	0	0	0	0	166		
	3:15 PM	0	92	8	0	100	1	0	0	0	1	8	74	0	0	82	0	0	0	0	0	183		
	Peak Hour Volume	0	434	17	0	451	6	0	6	0	12	14	216	0	0	230	0	0	0	0	0	693		
	Rounded Hourly Volume	0	435	15	0	450	5	0	5	0	10	15	215	0	0	230	0	0	0	0	0	690		
	% Single Unit Trucks	0.0	3.9	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	7.1	2.8	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.5		
	% Heavy Trucks	0.0	0.5	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3		
	% Trucks (Total)	0.0	4.4	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	7.1	2.8	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.8		
	Peak Hour Factor (PHF)	0.00	0.84	0.53	0.00	0.85	0.50	0.00	0.50	0.00	0.50	0.44	0.73	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.95		

Peak Hour Pedestrian and Bicyclist Volumes

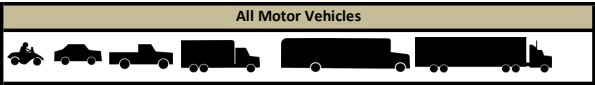
Pedestrians and Bicyclists		Crossing 			Crossing 			Crossing 			Crossing 			Total Ped & Bike Volume
		North Approach			East Approach			South Approach			West Approach			
		N. Hartwell Ave.			Linden St.			N. Hartwell Ave.			0			
15-Minute Start Time		Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	
AM	7:00 AM	3	0	3	2	1	3	0	0	0	0	0	0	6
	7:15 AM	2	0	2	1	1	2	0	0	0	0	0	0	4
	7:30 AM	2	0	2	1	0	1	0	0	0	0	0	0	3
	7:45 AM	0	0	0	3	0	3	0	0	0	0	0	0	3
	Total	7	0	7	7	2	9	0	0	0	0	0	0	16
MD	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	1	0	1	2	1	3	0	0	0	0	0	0	4
	12:45 PM	0	0	0	0	0	0	3	0	3	0	0	0	3
	Total	1	0	1	2	1	3	3	0	3	0	0	0	7
PM	2:30 PM	1	0	1	0	0	0	0	0	0	0	0	0	1
	2:45 PM	0	0	0	1	0	1	0	0	0	0	0	0	1
	3:00 PM	2	0	2	1	1	2	0	0	0	0	0	0	4
	3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	3	0	3	2	1	3	0	0	0	0	0	0	6

Intersection Traffic Volume Report

Count Basics			Page 4 of 13
Start Date:	Tuesday, June 3, 2025	Weekday	Schools in Session
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Hourly Volume Summary - Motor Vehicle Data

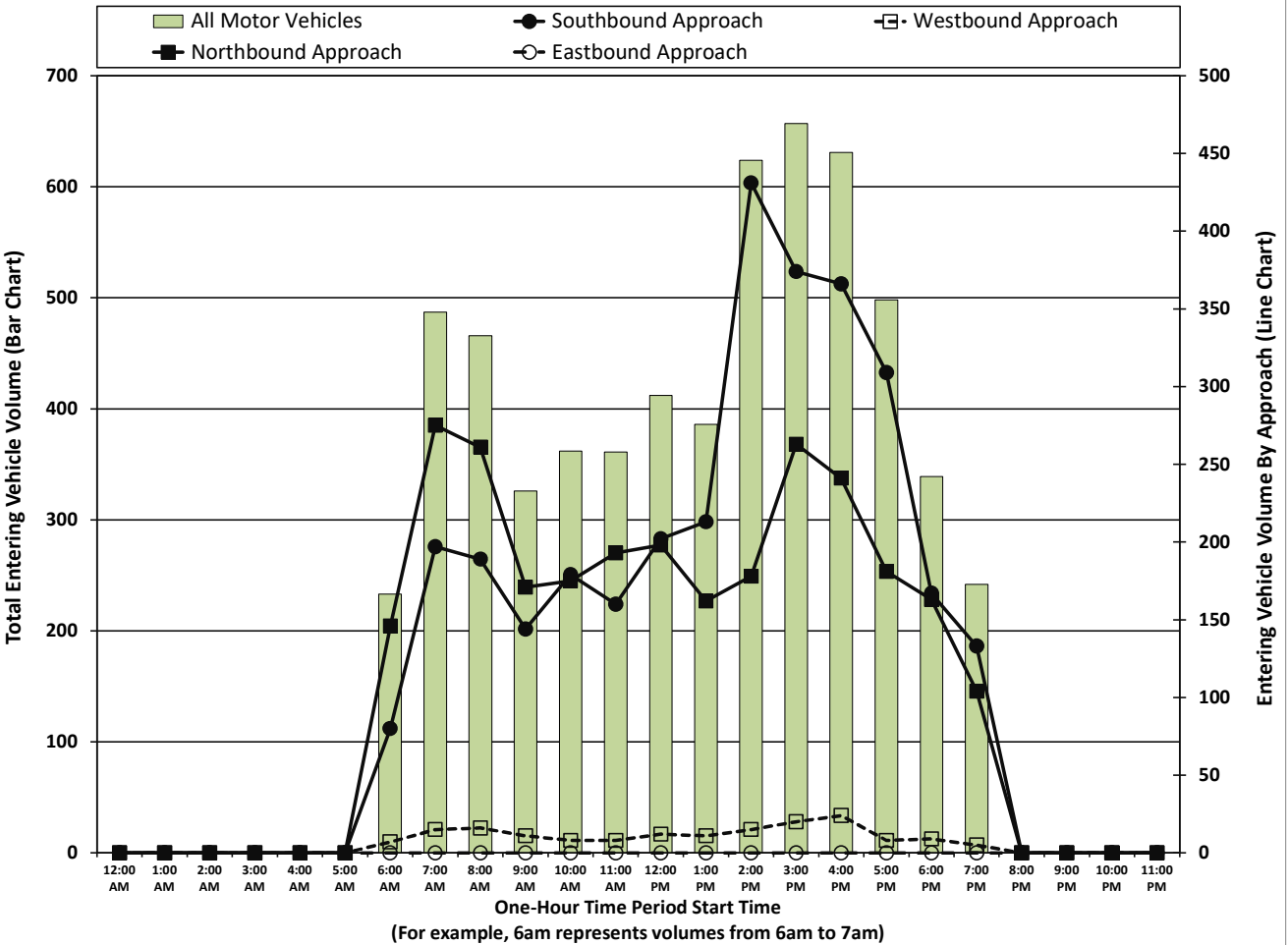
N. Hartwell Ave. & Linden St.



One-Hour Motor Vehicle Data

One-Hour Time Period Start Time		From North					From East					From South					From West					Total Vehicle Volume	Directional Volume Totals	
		N. Hartwell Ave.					Linden St.					N. Hartwell Ave.					0							
		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total		E/W	N/S
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	
	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	
	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	
	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	
	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	
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	
	6:00 AM	0	76	4	0	80	6	0	1	0	7	1	145	0	0	146	0	0	0	0	0	233	7	226
	7:00 AM	0	186	11	0	197	10	0	5	0	15	9	266	0	0	275	0	0	0	0	0	487	15	472
	8:00 AM	0	176	13	0	189	10	0	6	0	16	31	230	0	0	261	0	0	0	0	0	466	16	450
	9:00 AM	0	142	2	0	144	7	0	4	0	11	3	168	0	0	171	0	0	0	0	0	326	11	315
MD	10:00 AM	0	173	6	0	179	5	0	3	0	8	2	173	0	0	175	0	0	0	0	0	362	8	354
	11:00 AM	0	159	1	0	160	5	0	3	0	8	6	187	0	0	193	0	0	0	0	0	361	8	353
	12:00 PM	0	198	4	0	202	11	0	1	0	12	4	194	0	0	198	0	0	0	0	0	412	12	400
	1:00 PM	0	207	6	0	213	4	0	7	0	11	4	158	0	0	162	0	0	0	0	0	386	11	375
	2:00 PM	0	423	8	0	431	6	0	9	0	15	5	173	0	0	178	0	0	0	0	0	624	15	609
PM	3:00 PM	0	353	21	0	374	12	0	8	0	20	16	247	0	0	263	0	0	0	0	0	657	20	637
	4:00 PM	0	351	15	0	366	20	0	4	0	24	5	236	0	0	241	0	0	0	0	0	631	24	607
	5:00 PM	0	302	7	0	309	6	0	2	0	8	5	176	0	0	181	0	0	0	0	0	498	8	490
	6:00 PM	0	161	6	0	167	6	0	3	0	9	2	160	0	1	163	0	0	0	0	0	339	9	330
	7:00 PM	0	129	4	0	133	2	0	3	0	5	1	103	0	0	104	0	0	0	0	0	242	5	237
	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	0	3036	108	0	3144	110	0	59	0	169	94	2616	0	1	2711	0	0	0	0	0	6024	169	5855

Graphical Summary of Hourly Volumes

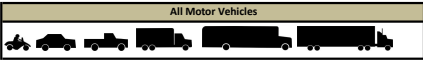


Intersection Traffic Volume Report

Count Basics	Page 5 of 13		
Start Date:	Tuesday, June 3, 2025	Weekday	Schools in Session
Total Number of Hours Counted:	14	Non-Holiday	No Special Events

15-Minute Motor Vehicle Data

N. Hartwell Ave. & Linden St.



15-Minute Motor Vehicle Data

15-Minute Time Period	From North					From East					From South					From West					15-Min Totals	Hourly Sum	PHF		
	N. Hartwell Ave.					Linden St.					N. Hartwell Ave.					0									
	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	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			
	12:30 AM	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			
	1:00 AM	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			
	1:30 AM	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			
	2:00 AM	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			
	2:30 AM	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			
	3:00 AM	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			
	3:30 AM	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			
	4:00 AM	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			
4:30 AM	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				
5:00 AM	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				
5:30 AM	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				
AM Peak Period	6:00 AM	0	14	1	0	15	1	0	0	0	1	0	29	0	0	29	0	0	0	0	0	45	233	0.69	
	6:15 AM	0	11	2	0	13	2	0	0	0	2	0	35	0	0	35	0	0	0	0	0	50	291	0.71	
	6:30 AM	0	19	0	0	19	2	0	1	0	3	0	31	0	0	31	0	0	0	0	0	53	375	0.70	
	6:45 AM	0	32	1	0	33	1	0	0	0	1	1	50	0	0	51	0	0	0	0	0	85	439	0.82	
	7:00 AM	0	43	2	0	45	5	0	1	0	6	1	51	0	0	52	0	0	0	0	0	103	487	0.91	
	7:15 AM	0	57	2	0	59	0	0	3	0	3	1	71	0	0	72	0	0	0	0	0	134	486	0.91	
	7:30 AM	0	37	5	0	42	2	0	1	0	3	4	68	0	0	72	0	0	0	0	0	117	474	0.89	
	7:45 AM	0	49	2	0	51	3	0	0	0	3	3	76	0	0	79	0	0	0	0	0	133	473	0.89	
	8:00 AM	0	38	4	0	42	3	0	0	0	3	3	54	0	0	57	0	0	0	0	0	102	466	0.92	
	8:15 AM	0	44	1	0	45	1	0	0	0	1	14	62	0	0	76	0	0	0	0	0	122	477	0.95	
	8:30 AM	0	34	6	0	40	3	0	4	0	7	12	57	0	0	69	0	0	0	0	0	116	433	0.86	
	8:45 AM	0	60	2	0	62	3	0	2	0	5	2	57	0	0	59	0	0	0	0	0	126	373	0.74	
	9:00 AM	0	50	1	0	51	1	0	2	0	3	1	58	0	0	59	0	0	0	0	0	113	326	0.72	
	9:15 AM	0	26	1	0	27	2	0	0	0	2	1	48	0	0	49	0	0	0	0	0	78	300	0.86	
	9:30 AM	0	26	0	0	26	1	0	0	0	1	1	28	0	0	29	0	0	0	0	0	56	296	0.85	
	9:45 AM	0	40	0	0	40	3	0	2	0	5	0	34	0	0	34	0	0	0	0	0	79	347	0.81	
	Midday Peak Period	10:00 AM	0	40	1	0	41	2	0	0	0	2	0	44	0	0	44	0	0	0	0	0	87	362	0.85
		10:15 AM	0	35	2	0	37	0	0	1	0	1	0	36	0	0	36	0	0	0	0	0	74	374	0.87
10:30 AM		0	56	0	0	56	0	0	2	0	2	1	48	0	0	49	0	0	0	0	0	107	386	0.90	
10:45 AM		0	42	3	0	45	3	0	0	0	3	1	45	0	0	46	0	0	0	0	0	94	379	0.95	
11:00 AM		0	45	0	0	45	2	0	0	0	2	3	49	0	0	52	0	0	0	0	0	99	361	0.90	
11:15 AM		0	34	0	0	34	2	0	1	0	3	2	47	0	0	49	0	0	0	0	0	86	370	0.86	
11:30 AM		0	43	1	0	44	0	0	1	0	1	0	55	0	0	55	0	0	0	0	0	100	389	0.90	
11:45 AM		0	37	0	0	37	1	0	1	0	2	1	36	0	0	37	0	0	0	0	0	76	384	0.89	
12:00 PM		0	60	0	0	60	1	0	1	0	2	0	46	0	0	46	0	0	0	0	0	108	412	0.95	
12:15 PM		0	46	1	0	47	3	0	0	0	3	2	53	0	0	55	0	0	0	0	0	105	403	0.96	
12:30 PM		0	43	2	0	45	5	0	0	0	5	1	44	0	0	45	0	0	0	0	0	95	391	0.94	
12:45 PM		0	49	1	0	50	2	0	0	0	2	1	51	0	0	52	0	0	0	0	0	104	378	0.91	
1:00 PM		0	57	0	0	57	1	0	2	0	3	2	37	0	0	39	0	0	0	0	0	99	386	0.86	
1:15 PM		0	41	3	0	44	1	0	3	0	4	1	44	0	0	45	0	0	0	0	0	93	427	0.76	
1:30 PM		0	43	1	0	44	0	0	1	0	1	1	36	0	0	37	0	0	0	0	0	82	474	0.85	
1:45 PM		0	66	2	0	68	2	0	1	0	3	0	41	0	0	41	0	0	0	0	0	112	570	0.80	
PM Peak Period		2:00 PM	0	90	1	0	91	1	0	2	0	3	1	45	0	0	46	0	0	0	0	0	140	624	0.88
		2:15 PM	0	91	1	0	92	1	0	1	0	2	0	46	0	0	46	0	0	0	0	0	140	650	0.91
	2:30 PM	0	129	3	0	132	1	0	3	0	4	1	41	0	0	42	0	0	0	0	0	178	693	0.95	
	2:45 PM	0	113	3	0	116	3	0	3	0	6	3	41	0	0	44	0	0	0	0	0	166	675	0.92	
	3:00 PM	0	100	3	0	103	1	0	0	0	1	2	60	0	0	62	0	0	0	0	0	166	657	0.90	
	3:15 PM	0	92	8	0	100	1	0	0	0	1	8	74	0	0	82	0	0	0	0	0	183	638	0.87	
	3:30 PM	0	83	6	0	89	2	0	1	0	3	4	64	0	0	68	0	0	0	0	0	160	600	0.94	
	3:45 PM	0	78	4	0	82	8	0	7	0	15	2	49	0	0	51	0	0	0	0	0	148	599	0.94	
	4:00 PM	0	76	3	0	79	3	0	1	0	4	1	63	0	0	64	0	0	0	0	0	147	631	0.88	
	4:15 PM	0	82	2	0	84	4	0	1	0	5	1	55	0	0	56	0	0	0	0	0	145	630	0.88	
	4:30 PM	0	82	4	0	86	7	0	2	0	9	2	62	0	0	64	0	0	0	0	0	159	620	0.86	
	4:45 PM	0	111	6	0	117	6	0	0	0	6	1	56	0	0	57	0	0	0	0	0	180	560	0.78	
	5:00 PM	0	93	2	0	95	1	0	0	0	1	0	50	0	0	50	0	0	0	0	0	146	498	0.85	
	5:15 PM	0	86	0	0	86	2	0	1	0	3	3	43	0	0	46	0	0	0	0	0	135	449	0.83	
	5:30 PM	0	58	3	0	61	0	0	1	0	1	2	35	0	0	37	0	0	0	0	0	99	405	0.86	
	5:45 PM	0	65	2	0	67	3	0	0	0	3	0	48	0	0	48	0	0	0	0	0	118	388	0.82	
	6:00 PM	0	51	3	0	54	1	0	1	0	2	1	40	0	0	41	0	0	0	0	0	97	339	0.87	
	6:15 PM	0	39	2	0	41	3	0	2	0	5	0	44	0	1										

Intersection Traffic Volume Report

Count Basics			Page 6 of 13
Start Date:	Tuesday, June 3, 2025	Weekday	Schools in Session
Total Number of Hours Counted:	14	Non-Holiday	No Special Events

15-Minute Automobile Data

N. Hartwell Ave. & Linden St.



15-Minute Automobile Data

15-Minute Time Period	From North					From East					From South					From West					15-Min Totals	Hourly Sum
	N. Hartwell Ave.					Linden St.					N. Hartwell Ave.					0						
	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	
	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	
	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	
AM Peak Period	6:00 AM	0	14	1	0	15	0	0	0	0	0	0	29	0	0	29	0	0	0	0	44	
	6:15 AM	0	11	2	0	13	2	0	0	0	2	0	35	0	0	35	0	0	0	0	50	
	6:30 AM	0	19	0	0	19	2	0	1	0	3	0	31	0	0	31	0	0	0	0	53	
	6:45 AM	0	31	1	0	32	1	0	0	0	1	1	48	0	0	49	0	0	0	0	82	
	7:00 AM	0	42	2	0	44	5	0	1	0	6	1	49	0	0	50	0	0	0	0	100	
	7:15 AM	0	53	2	0	55	0	0	3	0	3	0	67	0	0	67	0	0	0	0	125	
	7:30 AM	0	36	5	0	41	2	0	1	0	3	3	65	0	0	68	0	0	0	0	112	
	7:45 AM	0	49	2	0	51	3	0	0	0	3	3	76	0	0	79	0	0	0	0	133	
	8:00 AM	0	38	4	0	42	3	0	0	0	3	3	51	0	0	54	0	0	0	0	99	
	8:15 AM	0	42	1	0	43	1	0	0	0	1	13	57	0	0	70	0	0	0	0	114	
	8:30 AM	0	34	6	0	40	3	0	4	0	7	12	56	0	0	68	0	0	0	0	115	
	8:45 AM	0	58	2	0	60	3	0	2	0	5	2	55	0	0	57	0	0	0	0	122	
	9:00 AM	0	46	1	0	47	1	0	1	0	2	1	58	0	0	59	0	0	0	0	108	
	9:15 AM	0	24	1	0	25	1	0	0	0	1	1	46	0	0	47	0	0	0	0	73	
	9:30 AM	0	24	0	0	24	1	0	0	0	1	1	27	0	0	28	0	0	0	0	53	
9:45 AM	0	39	0	0	39	3	0	2	0	5	0	32	0	0	32	0	0	0	0	76		
Midday Peak Period	10:00 AM	0	38	1	0	39	2	0	0	0	2	0	43	0	0	43	0	0	0	0	84	
	10:15 AM	0	33	2	0	35	0	0	1	0	1	0	33	0	0	33	0	0	0	0	69	
	10:30 AM	0	55	0	0	55	0	0	2	0	2	0	48	0	0	48	0	0	0	0	105	
	10:45 AM	0	41	2	0	43	1	0	0	0	1	1	44	0	0	45	0	0	0	0	89	
	11:00 AM	0	43	0	0	43	2	0	0	0	2	2	46	0	0	48	0	0	0	0	93	
	11:15 AM	0	34	0	0	34	1	0	1	0	2	2	44	0	0	46	0	0	0	0	82	
	11:30 AM	0	40	1	0	41	0	0	1	0	1	0	52	0	0	52	0	0	0	0	94	
	11:45 AM	0	36	0	0	36	1	0	1	0	2	1	34	0	0	35	0	0	0	0	73	
	12:00 PM	0	59	0	0	59	1	0	1	0	2	0	44	0	0	44	0	0	0	0	105	
	12:15 PM	0	46	1	0	47	3	0	0	0	3	2	53	0	0	55	0	0	0	0	105	
	12:30 PM	0	43	2	0	45	5	0	0	0	5	1	44	0	0	45	0	0	0	0	95	
	12:45 PM	0	48	1	0	49	2	0	0	0	2	1	49	0	0	50	0	0	0	0	101	
	1:00 PM	0	57	0	0	57	1	0	2	0	3	2	37	0	0	39	0	0	0	0	99	
	1:15 PM	0	41	2	0	43	1	0	2	0	3	1	42	0	0	43	0	0	0	0	89	
	1:30 PM	0	42	1	0	43	0	0	1	0	1	1	34	0	0	35	0	0	0	0	79	
1:45 PM	0	64	2	0	66	2	0	1	0	3	0	41	0	0	41	0	0	0	0	110		
PM Peak Period	2:00 PM	0	84	1	0	85	1	0	2	0	3	1	44	0	0	45	0	0	0	0	133	
	2:15 PM	0	86	1	0	87	1	0	1	0	2	0	45	0	0	45	0	0	0	0	134	
	2:30 PM	0	120	3	0	123	1	0	3	0	4	1	41	0	0	42	0	0	0	0	169	
	2:45 PM	0	110	3	0	113	3	0	3	0	6	3	38	0	0	41	0	0	0	0	160	
	3:00 PM	0	97	3	0	100	1	0	0	0	1	2	58	0	0	60	0	0	0	0	161	
	3:15 PM	0	88	8	0	96	1	0	0	0	1	7	73	0	0	80	0	0	0	0	177	
	3:30 PM	0	82	6	0	88	2	0	1	0	3	4	62	0	0	66	0	0	0	0	157	
	3:45 PM	0	76	4	0	80	8	0	7	0	15	2	48	0	0	50	0	0	0	0	145	
	4:00 PM	0	75	3	0	78	3	0	1	0	4	1	60	0	0	61	0	0	0	0	143	
	4:15 PM	0	82	2	0	84	4	0	1	0	5	1	54	0	0	55	0	0	0	0	144	
	4:30 PM	0	82	4	0	86	7	0	2	0	9	2	60	0	0	62	0	0	0	0	157	
	4:45 PM	0	111	6	0	117	6	0	0	0	6	1	54	0	0	55	0	0	0	0	178	
	5:00 PM	0	93	2	0	95	1	0	0	0	1	0	49	0	0	49	0	0	0	0	145	
	5:15 PM	0	85	0	0	85	2	0	1	0	3	3	43	0	0	46	0	0	0	0	134	
	5:30 PM	0	58	3	0	61	0	0	1	0	1	1	2	34	0	0	36	0	0	0	98	
	5:45 PM	0	64	2	0	66	3	0	0	0	3	0	48	0	0	48	0	0	0	0	117	
	6:00 PM	0	51	3	0	54	1	0	1	0	2	1	40	0	0	41	0	0	0	0	97	
	6:15 PM	0	39	2	0	41	3	0	2	0	5	0	44	0	1	45	0	0	0	0	91	
	6:30 PM	0	36	1	0	37	0	0	0	0	0	1	41	0	0	42	0	0	0	0	79	
	6:45 PM	0	34	0	0	34	1	0	0	0	1	0	34	0	0	34	0	0	0	0	69	
	7:00 PM	0	36	0	0	36	2	0	0	0	2	1	21	0	0	22	0	0	0	0	60	
	7:15 PM	0	26	1	0	27	0	0	2	0	2	0	27	0	0	27	0	0	0	0	56	
	7:30 PM	0	29	1	0	30	0	0	1	0	1	0	30	0	0	30	0	0	0	0	61	
	7:45 PM	0	38	2	0	40	0	0	0	0	0	0	25	0	0	25	0	0	0	0	65	
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0									

Count Basics		Page 7 of 13	
Start Date:	Tuesday, June 3, 2025	Weekday	Schools in Session
Total Number of Hours Counted:	14	Non-Holiday	No Special Events

N. Hartwell Ave. & Linden St.

Single Unit (SU) Trucks & Buses

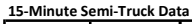


15-Minute Time Period	From North					From East					From South					From West					15-Min Totals	Hourly Sum
	N. Hartwell Ave.					Linden St.					N. Hartwell Ave.					O						
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total		
Start Time																						
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	
	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	
	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		
AM Peak Period	6:00 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
	6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6:45 AM	0	1	0	0	1	0	0	0	0	2	0										

Hourly Time Period	From North					From East					From South					From West					Total Hourly Volume
	N. Hartwell Ave.					Linden St.					N. Hartwell Ave.					0					
	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	6	0	0	6	0	0	0	0	0	2	8	0	0	10	0	0	0	0	0	16
MD 12:00 PM	0	1	0	0	1	0	0	0	0	0	4	4	0	0	4	4	0	0	0	0	5
PM 2:30 PM	0	17	0	0	17	0	0	0	0	0	1	6	0	0	7	0	0	0	0	0	24

15-Minute Semi-Truck Data

N. Hartwell Ave. & Linden St.



15-Minute Semi-Truck Data

Peak Hour Semi-Truck Volume Summary

		Peak Hour Northbound Volume Summary										Peak Hour Southbound Volume Summary											
Hourly Time Period	Start Time	 From North					 From East					 From South					 From West					Total Hourly Volume	
		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total		
		N. Hartwell Ave.					Linden St.					N. Hartwell Ave.					0						
AM 7:00 AM		0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
MD 12:00 PM		0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
PM 2:30 PM		0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Heavy Vehicles (Single-Unit Trucks, Buses & Semi-Trucks)

15-Minute Heavy Vehicle Data

Peak Hour Heavy Vehicle Volume Summary

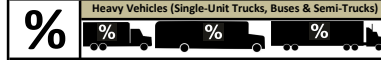
Peak Hour Heavy Vehicle Volume Summary																					
Hourly Time Period Start Time	From North N. Hartwell Ave.					From East Linden St.					From South N. Hartwell Ave.					From West 0					Total Hourly Volume
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	
	AM 7:00 AM	0	6	0	0	6	0	0	0	0	0	0	2	9	0	0	11	0	0	0	
MD 12:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	4	0	0	4	4	0	0	0	6
PM 2:30 PM	0	19	0	0	19	0	0	0	0	0	0	1	6	0	0	7	0	0	0	0	26

Intersection Traffic Volume Report

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

15-Minute Heavy Vehicle Percentages

N. Hartwell Ave. & Linden St.



15-Minute Heavy Vehicle Percentages

15-Minute Time Period	Start Time	From North N. Hartwell Ave.					From East Linden St.					From South N. Hartwell Ave.					From West 0					Total Heavy Vehicle Percent	Hourly Heavy Vehicle Percent
		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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.0	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	0.0		
4:30 AM	0.0	0.0	Left	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Left	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	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	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	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	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	0.0		
AM Peak Period	6:00 AM	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	
	6:15 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	2.1	
	6:30 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	4.0	
	6:45 AM	0.0	3.1	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	3.5	
	7:00 AM	0.0	2.3	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	2.9	
	7:15 AM	0.0	7.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	100.0	5.6	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	6.7	
	7:30 AM	0.0	2.7	0.0	0.0	2.4	0.0	0.0	0.0	0.0	25.0	4.4	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	4.3	
	7:45 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	2.5	
	8:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	2.9	
	8:15 AM	0.0	4.5	0.0	0.0	4.4	0.0	0.0	0.0	0.0	7.1	8.1	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	6.6	
	8:30 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	
	8:45 AM	0.0	3.3	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	3.2	
	9:00 AM	0.0	8.0	0.0	0.0	7.8	0.0	0.0	50.0	0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	
	9:15 AM	0.0	7.7	0.0	0.0	7.4	50.0	0.0	0.0	0.0	50.0	4.2	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	6.4	
	9:30 AM	0.0	7.7	0.0	0.0	7.7	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	5.4	
	9:45 AM	0.0	2.5	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	3.8	
Midday Peak Period	10:00 AM	0.0	5.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	3.4	
	10:15 AM	0.0	5.7	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	6.8	
	10:30 AM	0.0	1.8	0.0	0.0	1.8	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	
	10:45 AM	0.0	2.4	33.3	0.0	4.4	66.7	0.0	0.0	0.0	66.7	0.0	2.2	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	5.3	
	11:00 AM	0.0	4.4	0.0	0.0	4.4	0.0	0.0	0.0	0.0	33.3	6.1	0.0	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	6.1	
	11:15 AM	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	33.3	0.0	6.4	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	4.7	
	11:30 AM	0.0	7.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	6.0	
	11:45 AM	0.0	2.7	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	3.9	
	12:00 PM	0.0	1.7	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	2.8	
	12:15 PM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	
	12:30 PM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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 PM	0.0	2.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	2.9	
	1:00 PM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	
	1:15 PM	0.0	0.0	33.3	0.0	2.3	0.0	0.0	33.3	0.0	25.0	4.5	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	4.3	
	1:30 PM	0.0	2.3	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	3.7	
	1:45 PM	0.0	3.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	
PM Peak Period	2:00 PM	0.0	6.7	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	5.0	
	2:15 PM	0.0	5.5	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	4.3	
	2:30 PM	0.0	7.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	
	2:45 PM	0.0	2.7	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	3.6	
	3:00 PM	0.0	3.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	3.0	
	3:15 PM	0.0	4.3	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	12.5	1.4	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	3.3	
	3:30 PM	0.0	1.2	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	1.9	
	3:45 PM	0.0	2.6	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0						

Intersection Traffic Volume Report

Count Basics			Page 11 of 13	
Start Date:	Tuesday, June 3, 2025	Weekday	Schools in Session	
Total Number of Hours Counted:	14	Non-Holiday	No Special Events	

15-Minute Pedestrian and Bicyclist Data

N. Hartwell Ave. & Linden St.



15-Minute Pedestrian and Bicyclist Data

15-Minute Time Period	Crossing 			Crossing 			Crossing 			Crossing 			15-Min Totals	Hourly Sum
	North Approach			East Approach			South Approach			West Approach				
	N. Hartwell Ave.			Linden St.			N. Hartwell Ave.			O				
Start Time	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	
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:30 AM	0	0	0	3	0	3	0	0	0	0	0	0	3	1
6:45 AM	0	0	0	1	0	1	0	0	0	0	0	0	1	1
7:00 AM	3	0	3	2	1	3	0	0	0	0	0	0	6	1
7:15 AM	2	0	2	1	1	2	0	0	0	0	0	0	4	1
7:30 AM	2	0	2	1	0	1	0	0	0	0	0	0	3	1
7:45 AM	0	0	0	3	0	3	0	0	0	0	0	0	3	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8:15 AM	3	0	3	2	0	2	0	0	0	0	0	0	5	1
8:30 AM	0	0	0	4	0	4	1	0	1	0	0	0	5	1
8:45 AM	2	0	2	1	0	1	0	0	0	0	0	0	3	1
9:00 AM	3	0	3	3	0	3	0	0	0	0	0	0	6	1
9:15 AM	2	0	2	1	0	1	0	0	0	0	0	0	3	1
9:30 AM	1	0	1	2	0	2	2	0	2	0	0	0	5	
9:45 AM	2	0	2	0	0	0	0	0	0	0	0	0	2	
10:00 AM	0	1	1	0	0	0	0	0	0	0	0	0	1	
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:45 AM	2	0	2	0	0	0	0	0	0	0	0	0	2	
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:15 AM	1	0	1	1	0	1	0	0	0	0	0	0	2	
11:30 AM	1	0	1	2	0	2	0	0	0	0	0	0	3	
11:45 AM	2	0	2	1	0	1	1	0	1	0	0	0	4	
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:30 PM	1	0	1	2	1	3	0	0	0	0	0	0	4	1
12:45 PM	0	0	0	0	0	0	3	0	3	0	0	0	3	
1:00 PM	0	0	0	3	0	3	0	0	0	0	0	0	3	
1:15 PM	1	0	1	1	0	1	0	0	0	0	0	0	2	
1:30 PM	0	0	0	1	0	1	0	0	0	0	0	0	1	
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
2:30 PM	1	0	1	0	0	0	0	0	0	0	0	0	1	
2:45 PM	0	0	0	1	0	1	0	0	0	0	0	0	1	1
3:00 PM	2	0	2	1	1	2	0	0	0	0	0	0	4	2
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3:30 PM	4	0	4	1	0	1	0	0	0	0	0	0	5	1
3:45 PM	11	0	11	3	0	3	0	0	0	0	0	0	14	1
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:30 PM	1	0	1	3	0	3	1	0	1	0	0	0	5	
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:00 PM	0	0	0	1	0	1	0	0	0	0	0	0	1	
5:15 PM	1	0	1	0	0	0	0	0	0	0	0	0	1	
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:45 PM	0	0	0	1	0	1	0	0	0	0	0	0	1	1
6:00 PM	0	0	0	1	0	1	0	1	1	0	0	0	2	1
6:15 PM	1	1	2	2	1	3	0	0	0	0	0	0	5	1
6:30 PM	0	0	0	4	0	4	0	0	0	0	0	0	4	
6:45 PM	0	0	0	1	0	1	0	0	0	0	0	0	1	1
7:00 PM	0	0	0	1	1	2	1	0	1	0	0	0	3	
7:15 PM	0	0	0	1	0	1	0	0	0	0	0	0	1	
7:30 PM	2	1	3	2	0	2	0	0	0	0	0	0	5	
7:45 PM	0	0	0	3	0	3	0	0	0	0	0	0	3	
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	51	3	54	61	6	67	9	1	10	0	0	0	131	

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					

