



# 2023 PREVIEW

## The SNHPC Traffic Counting Program

TAC 4/20/23

# 2023 FIELD TEAM

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**David Tilton**  
**Adam Hlasny**

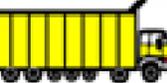
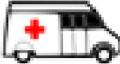
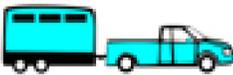
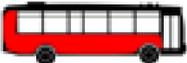
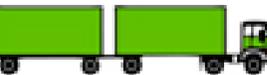
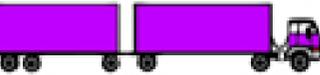
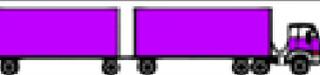


**Anthony Summers** (begins 5/1)  
**Andrew Lawpaugh** (begins 5/22)

# TYPES OF COUNTS

- Volume only (1 tube)
- Directional (2 tubes)
- Class (2 knotted tubes)



<b>Class 1</b> Motorcycles		<b>Class 7</b> Four or more axle, single unit	
<b>Class 2</b> Passenger cars		<b>Class 8</b> Four or less axle, single trailer	
			
			
			
<b>Class 3</b> Four tire, single unit		<b>Class 9</b> 5-Axle tractor semitrailer	
			
			
<b>Class 4</b> Buses		<b>Class 10</b> Six or more axle, single trailer	
			
		<b>Class 11</b> Five or less axle, multi trailer	
<b>Class 5</b> Two axle, six tire, single unit		<b>Class 12</b> Six axle, multi-trailer	
			
		<b>Class 13</b> Seven or more axle, multi-trailer	
<b>Class 6</b> Three axle, single unit			
			
			

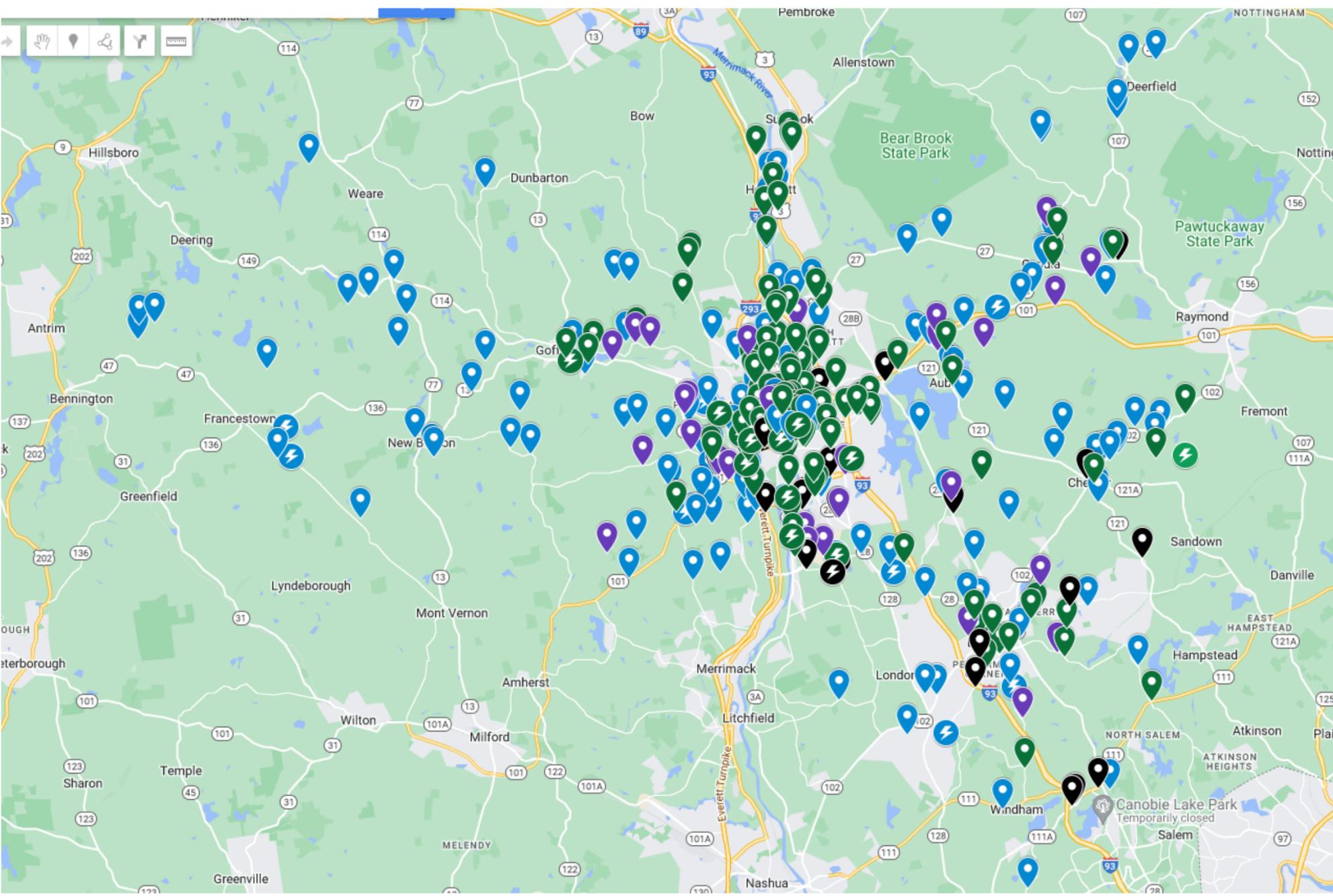
# SEASON AT-A-GLANCE

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- 365 locations in all 14 communities
- 31 weeks (Apr–Nov)
- 15–20 counts per week
- Dry run 4/3, first full week 4/10



# BREAKDOWN BY TOWN

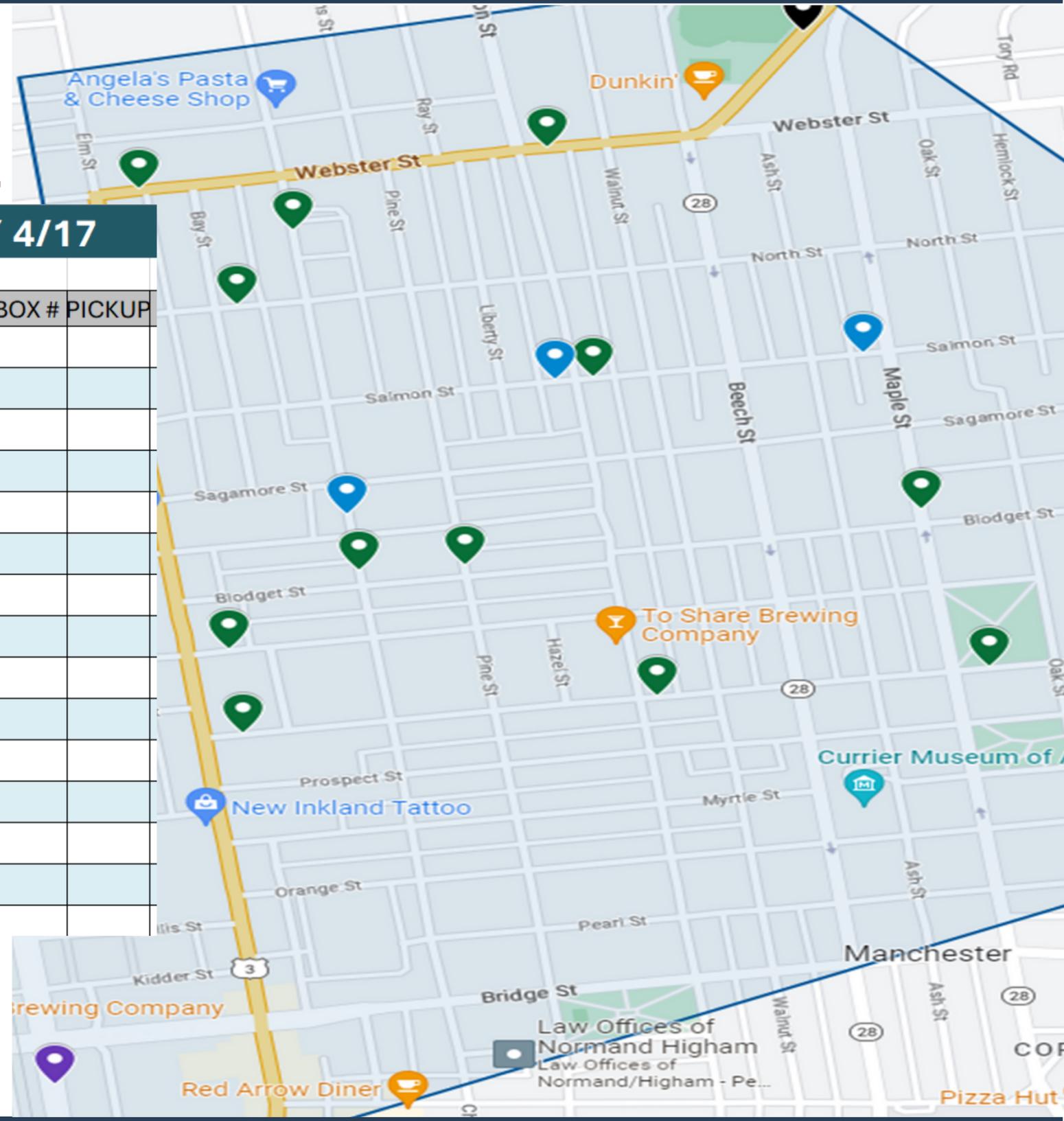


	NHDOT	SNHPC	TOTAL
<b>Manchester</b>	108	34	<b>142</b>
<b>Bedford</b>	12	24	<b>36</b>
<b>Derry</b>	18	9	<b>27</b>
<b>Goffstown</b>	14	10	<b>24</b>
<b>Hooksett</b>	12	11	<b>23</b>
<b>Auburn</b>	10	11	<b>21</b>
<b>Londonderry</b>	10	10	<b>20</b>
<b>Chester</b>	6	13	<b>19</b>
<b>Candia</b>	7	10	<b>17</b>
<b>New Boston</b>	0	10	<b>10</b>
<b>Windham</b>	4	3	<b>7</b>
<b>Francestown</b>	0	7	<b>7</b>
<b>Weare</b>	0	6	<b>6</b>
<b>Deerfield</b>	0	6	<b>6</b>
	<b>201</b>	<b>164</b>	<b>365</b>

# WEEKLY SET LISTS

## WEEK 1: MONDAY 4/10 - MONDAY 4/17

	MUNI	CounterID	LOCATION	~AADT	SETUP	BOX #	PICKUP
1	MANCHESTER	822851955010	CANAL ST NORTH OF SPRING ST (NB-SB)	9,100			
2	MANCHESTER	822851720000	N COMMERCIAL ST NORTH OF ARMS ST	4,300			
3	MANCHESTER	822851780000	UNION ST NORTH OF ORANGE ST	4,400			
4	MANCHESTER	822851820000	HARRISON ST EAST OF UNION ST	1,100			
5	MANCHESTER	822851830000	HARRISON ST EAST OF MAPLE ST	700			
6	MANCHESTER	285510	BROOK ST WEST OF MAPLE ST	900			
7	MANCHESTER	822851850000	MAPLE ST SOUTH OF LODGE ST	4,000			
8	MANCHESTER	285940	SALMON ST WEST OF MAPLE ST	1,600			
9	MANCHESTER	822851910000	SALMON ST EAST OF OAK ST	900			
0	MANCHESTER	822850995010	HOOKSETT RD NORTH OF WEBSTER ST	11,400			
1	MANCHESTER	822852200000	WEBSTER ST EAST OF UNION ST	12,400			
2	MANCHESTER	285974	SALMON ST WEST OF UNION ST	2,400			
3	MANCHESTER	812851900000	SALMON ST EAST OF UNION ST	2,200			
4	MANCHESTER	822851860000	UNION ST NORTH OF BLODGET ST	3,700			
5	MANCHESTER	285578	BROOK ST WEST OF PINE ST	1,700			



- AADT(Annual Average Daily Traffic) = the average 24-hour traffic volume at a given location over a full 365 days/year.

# TRAFFIC COUNTING RESOURCES

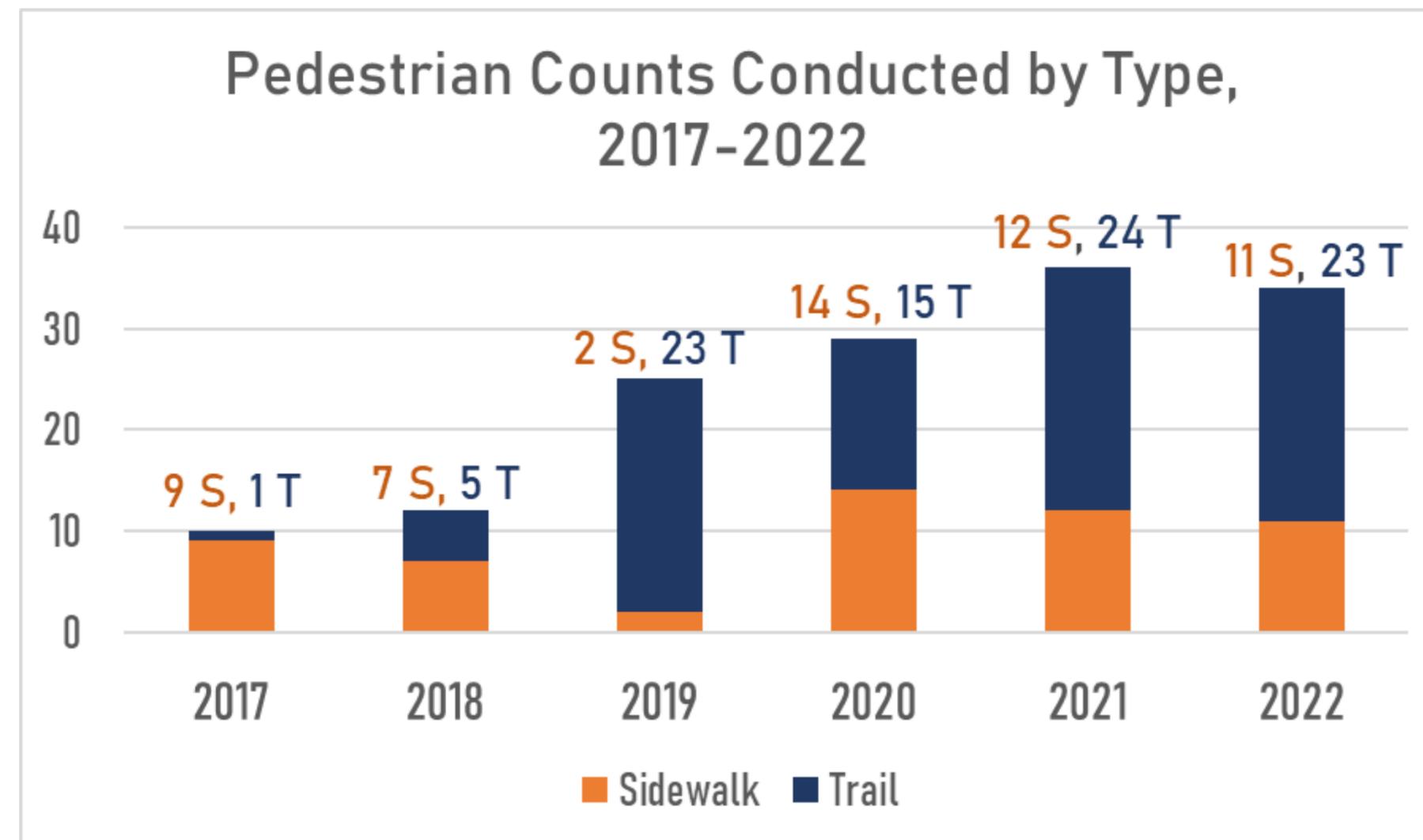
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- State & regional databases
- NHDOT interactive map
  - [nhdot.public.ms2soft.com/tcds/tsearch.asp?loc=Nhdot&mod=TCDS](http://nhdot.public.ms2soft.com/tcds/tsearch.asp?loc=Nhdot&mod=TCDS)
- SNHPC interactive map
  - [www.snhpc.org/transportation/traffic-counts/pages/traffic-count-web-map](http://www.snhpc.org/transportation/traffic-counts/pages/traffic-count-web-map)
- Municipal requests
  - [ahlasny@snhpc.org](mailto:ahlasny@snhpc.org)
  - [dtilton@snhpc.org](mailto:dtilton@snhpc.org)

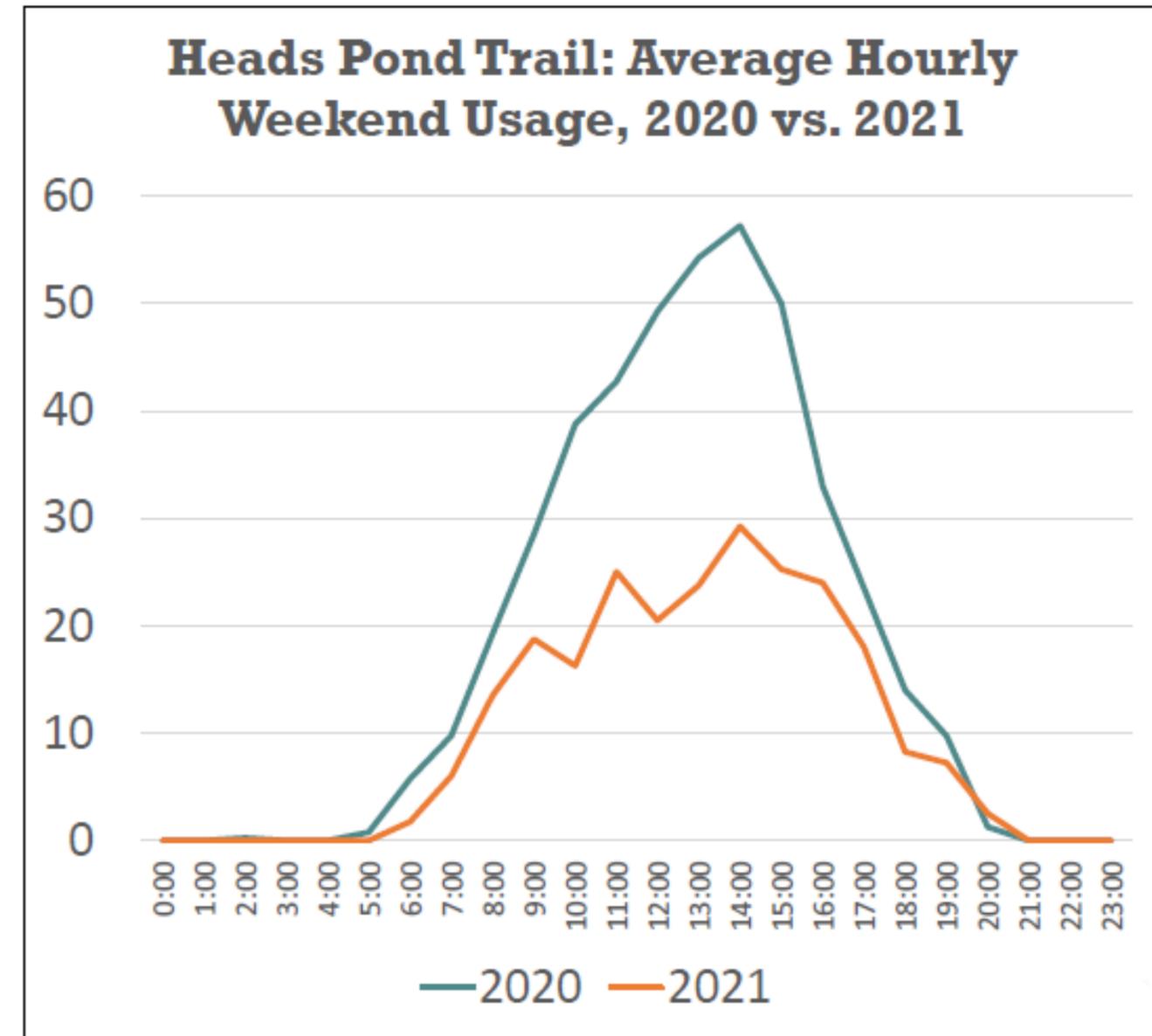
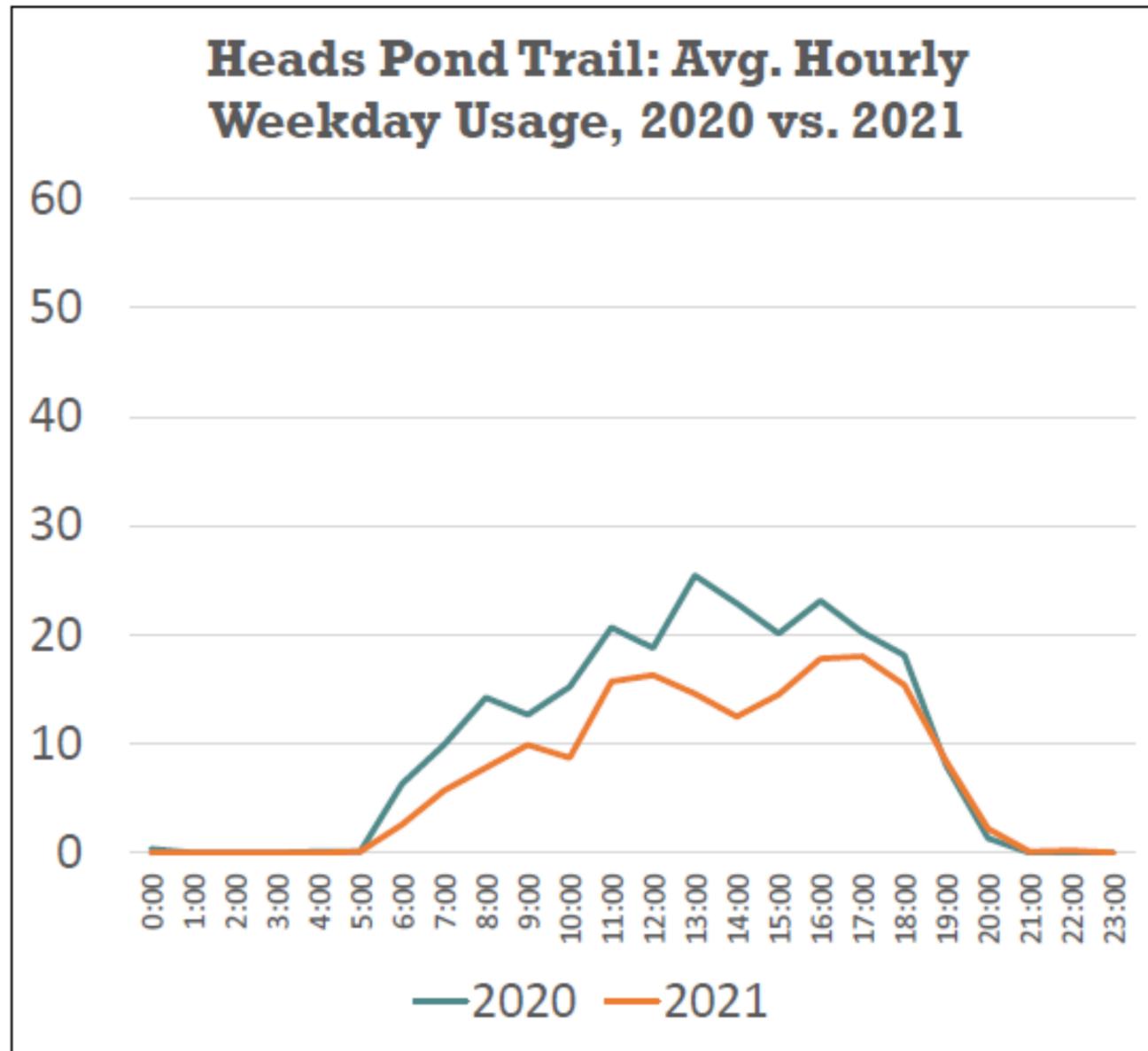


# BIKE-PED COUNTING

- Began in 2017
- 4 infrared counters
  - 2 long-term
  - 2 temporary installations
- 65+ total locations
- 20 high priority (1x/yr)



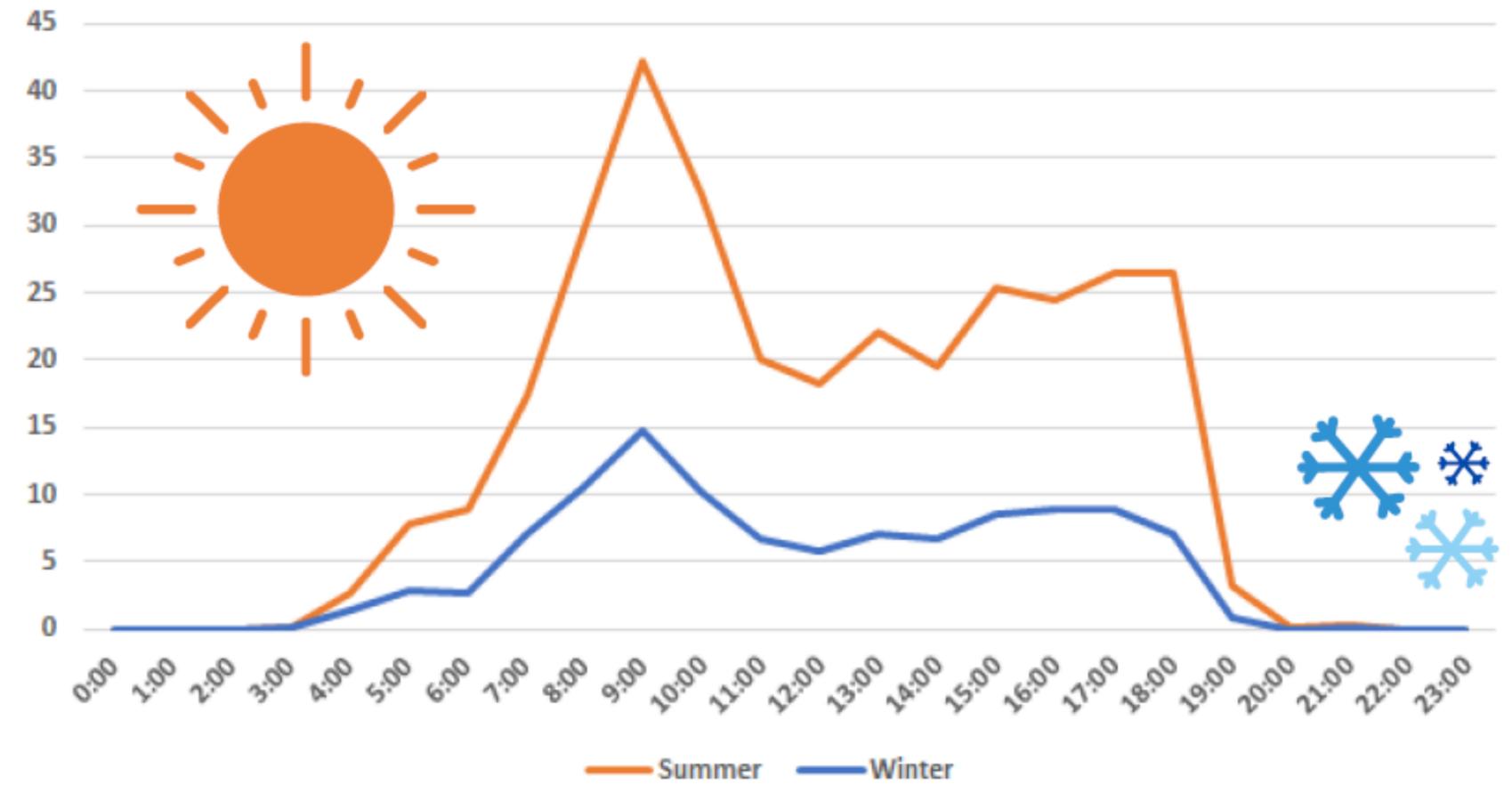
# WEEKDAY VS. WEEKEND PATTERNS



# SEASONAL COMPARISON

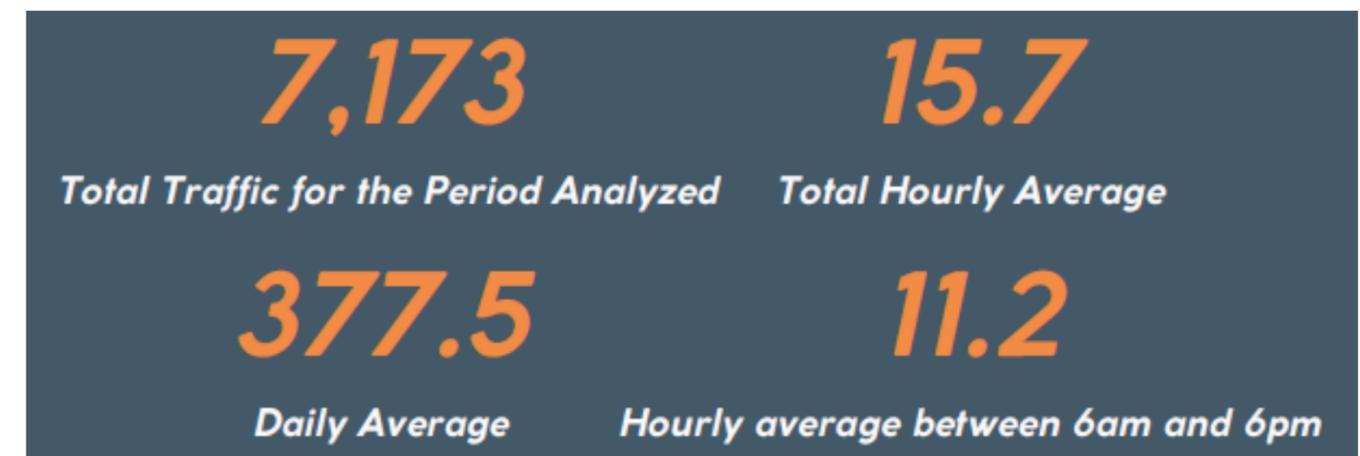
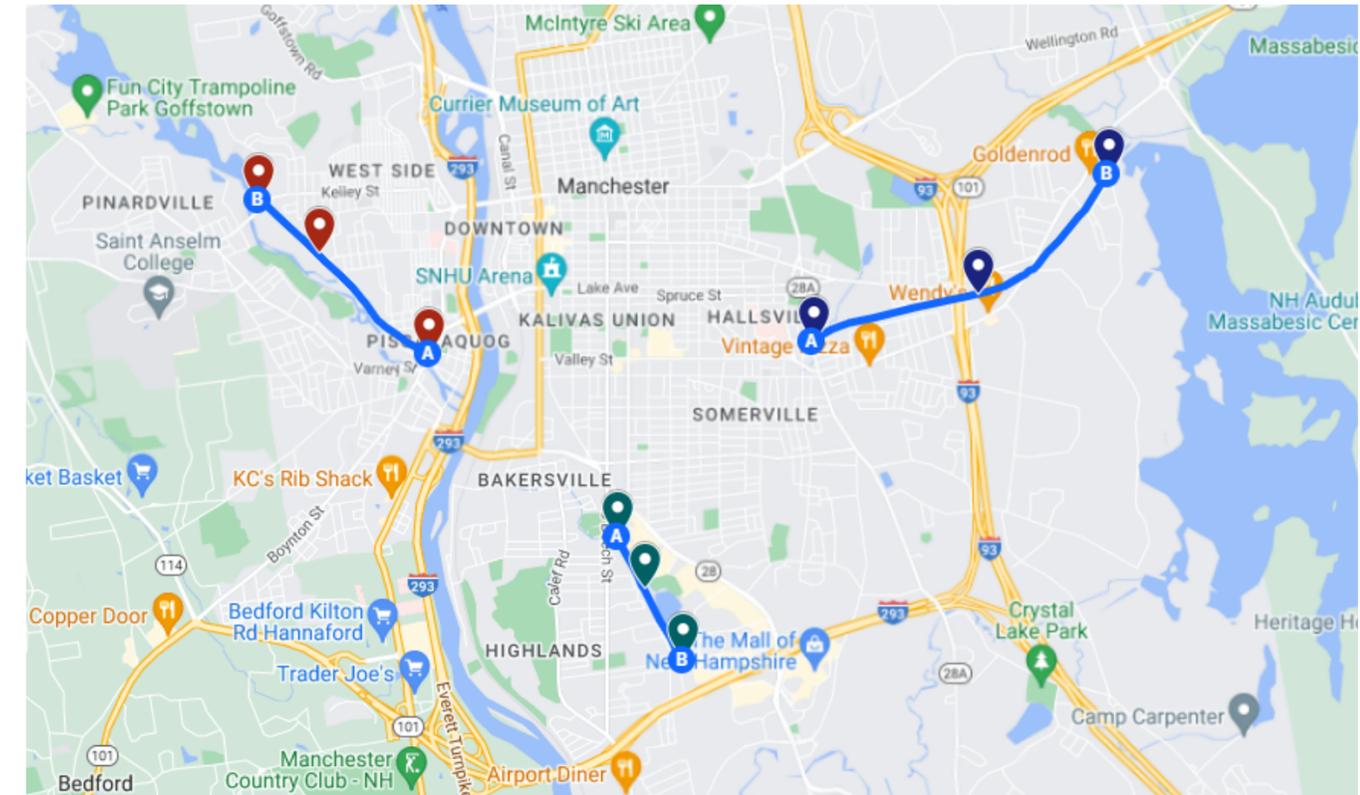


Average Hourly Profile: Londonderry Rail Trail



# MANCHESTER TRAIL STUDY (PART II)

- April 27–June 8, 2023
- 3 locations on each of 3 trails
  - Piscataquog
  - Rockingham
  - South Manchester
- 2 week–duration counts



# MOVING FORWARD

- Discussing team member roles
  - Field duty (download/transfer counters)
  - Process/analyze data
  - Visualize/share w/stakeholders

Mar 30-Apr 26	Heads Pond Trail (Hooksett)	Dow St @ Canal St ped crossing	<b>Long-Term Location #1: Windham RT @ Depot</b>	<b>Long-Term Location #2: Londonderry RT</b>
Apr 26-May 11	Piscataquog RT (2-3 locations)			
May 11-25	Rockingham RT (2-3 locations)			
May 25-Jun 8	South Manchester RT (2-3 locations)			
Jun 8-29	New Boston RT @ Lang Station	Dorrs Pond Trail (north side)		
Jun 29-Jul 20	Goffstown RT @ Moose Club Park	Heritage Trail behind Stadium		
July 20-Aug 10	Windham RT @ Derry TL	Hanover St @ C of C		
Aug 10-31	Derry RT near Hood Park	Derry RT @ Bowers Rd		
Aug 31-Sep 21	Elm St @ Veterans Park (car show)	**Manchester Cedar Swamp**		
Sep 21-Oct 12	Elm St @ Harrison St	West Auburn St W of Elm St		
Oct 12-Nov 2	Bedford HT @ Moores Crossing Rd	Molly Stark Bridge, Stark Park Trails		

# QUESTIONS?

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