SNHPC's Bicycle/Pedestrian Counting Program

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How we Count Pedestrians

- PYRO-Box counts all pedestrians (cyclists, walkers, runners etc.)
- Uses infrared technology and a high-precision lens to detect people by their body temperature
- Can detect two or more people walking together
- Detects the direction in which people are walking or riding
- Works in all weather conditions

Trinity High School, Manchester 2018
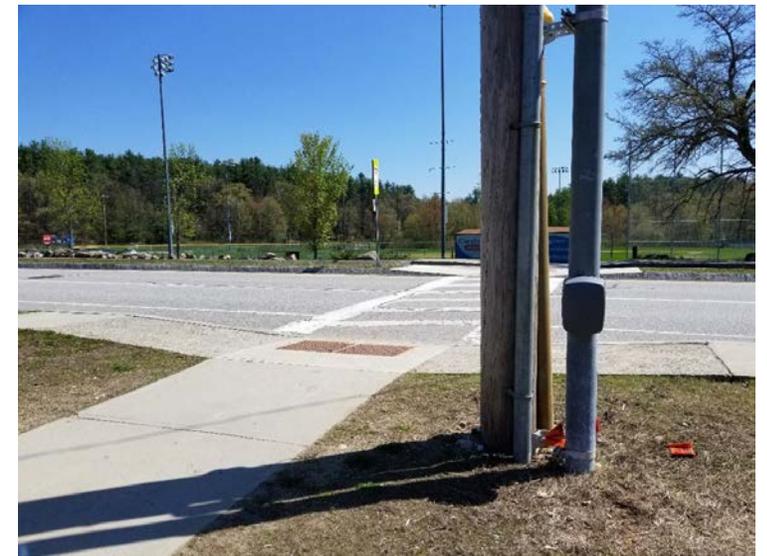
Bedford High School 2018

Why Count Pedestrians & Bicyclists?

- Justify investments in bike/ped infrastructure
- Plan future bike/ped infrastructure

Hands Across the Merrimack Bridge 2019

Why Count Pedestrians & Bicyclists?

Capture Seasonal Trends

Londonderry Rail Trail

August 2018
Daily Average: 327

February 2019
Daily Average: 43

Average Hourly Profile
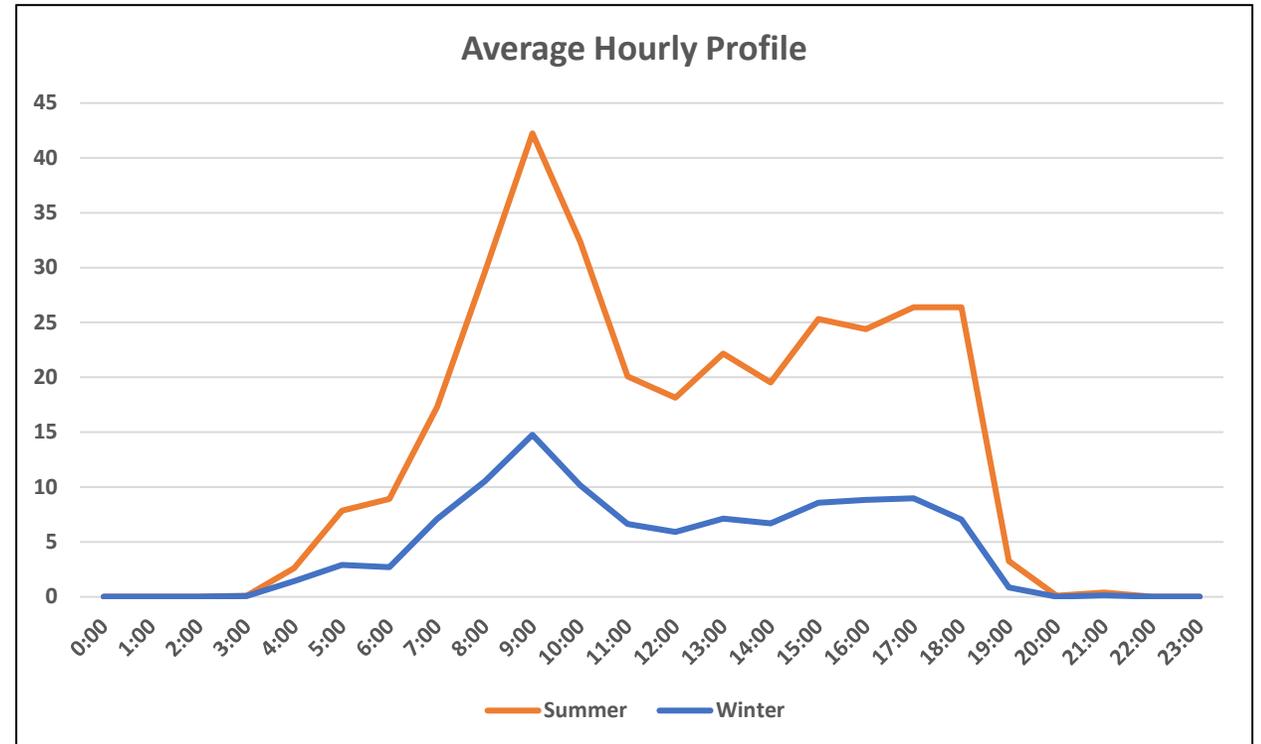
Elm St. at Veteran's Park
2017, 2018, 2019

Elm Street at Veteran's Park
Last Week of August over Labor Day Weekend (Manchester Car Show)

Legend: ■ 2017 ■ 2018
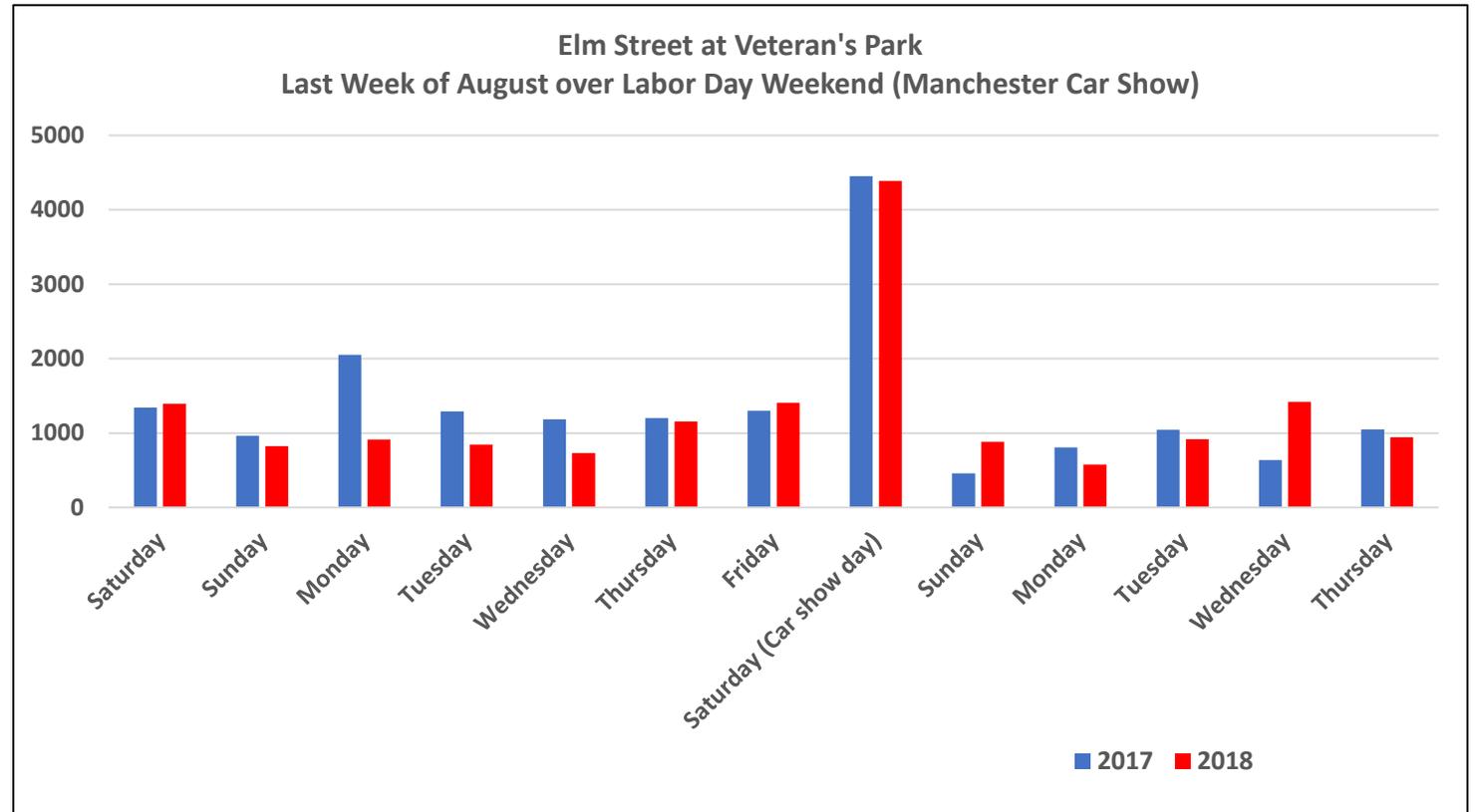
Why Count Pedestrians & Bicyclists?

Downtown Management

- Assess the success of placemaking projects
- Gauge attractiveness of downtown area
- Capture the growth in event attendance

New Boston Rail Trail
June 2019

Hooksett Riverwalk Trail
October 2019

Goffstown Rail Trail
*December 2019*

Why Count Pedestrians & Bicyclists?

Trail Management

- How many people are using the trail each day?
- Capture seasonal usage
- Justify investments in trail projects and maintenance
- Promote trail networks

2019 Count Summary

Auburn: Rockingham Rail Trail (2)

Bedford: Heritage Trail

Chester: Wason Pond (2)

Derry Rail Trail (2)

Derry: Rockingham Rail Trail

Goffstown Rail Trail (2)

Hooksett Riverwalk Trail

Londonderry Rail Trail

Londonderry: Kent Allen Forest (2)

Londonderry: Musquash Conservation Area (3)

Manchester: Elm St. at Veteran's Park

Manchester: Elm St. City Hall

Manchester: Piscataquog Rail Trail (2)

Manchester: Rockingham Rail Trail

New Boston Rail Trail (2)

Windham Rail Trail (2)
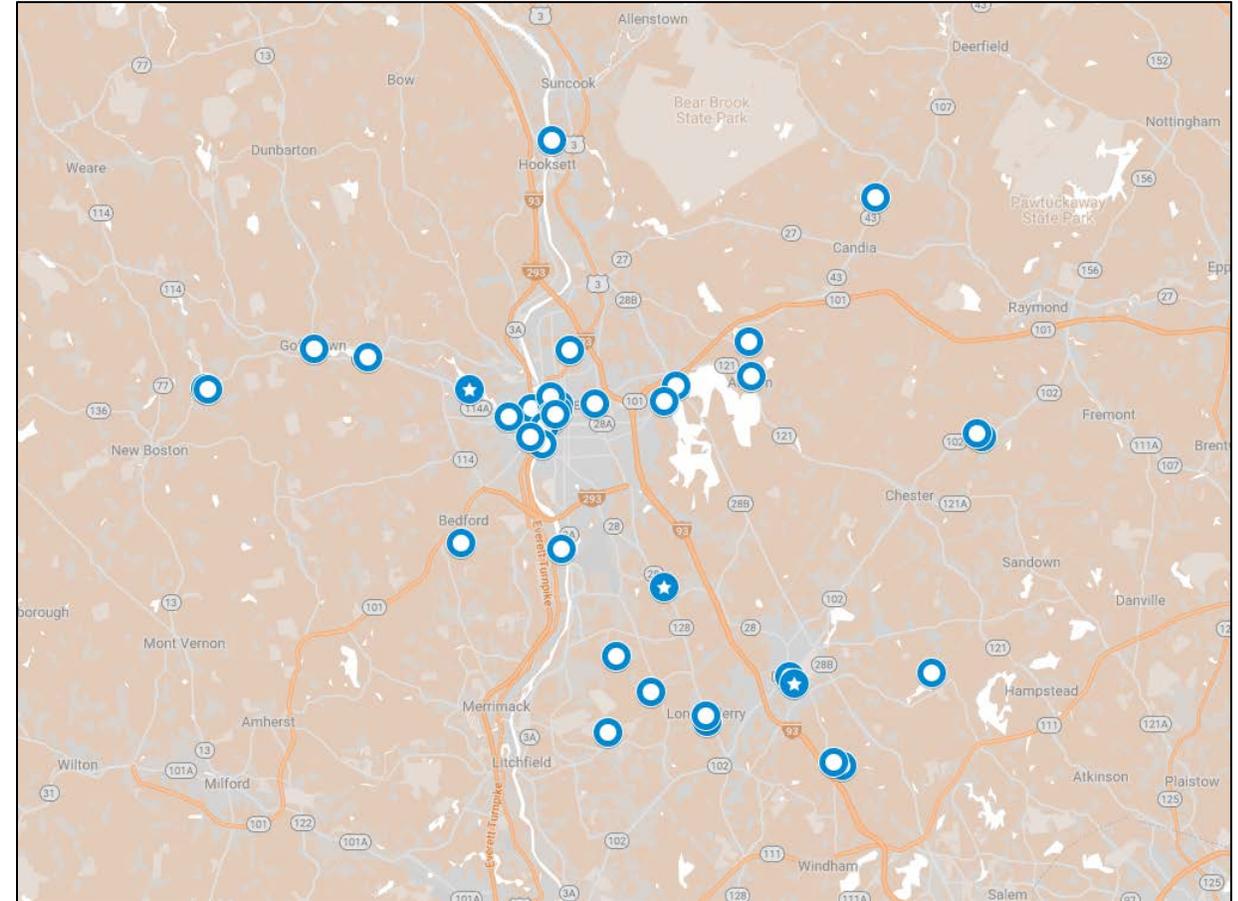
Looking Forward: 2020 Season Underway!

- Sidewalks and downtown settings
- Trail gaps
- Town requests
- Interactive map

Thanks!