

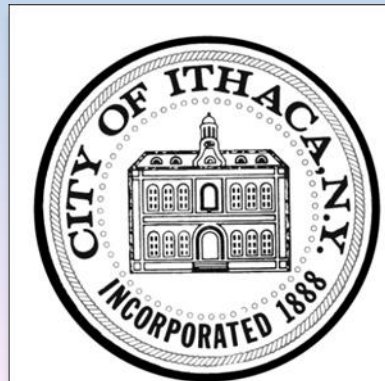
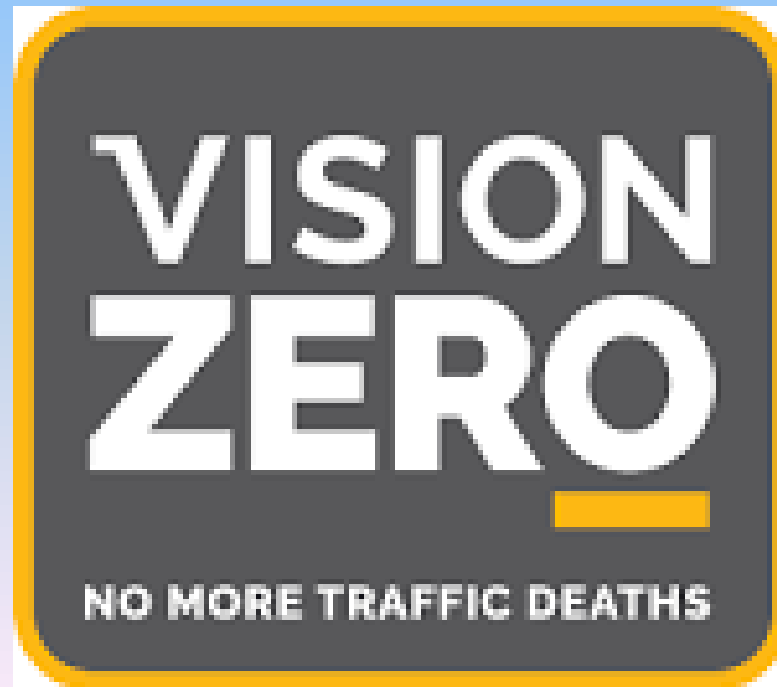
Vision Zero For Smaller Communities

July 17, 2019

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Transportation Engineer
Department of Public Works
City of Ithaca

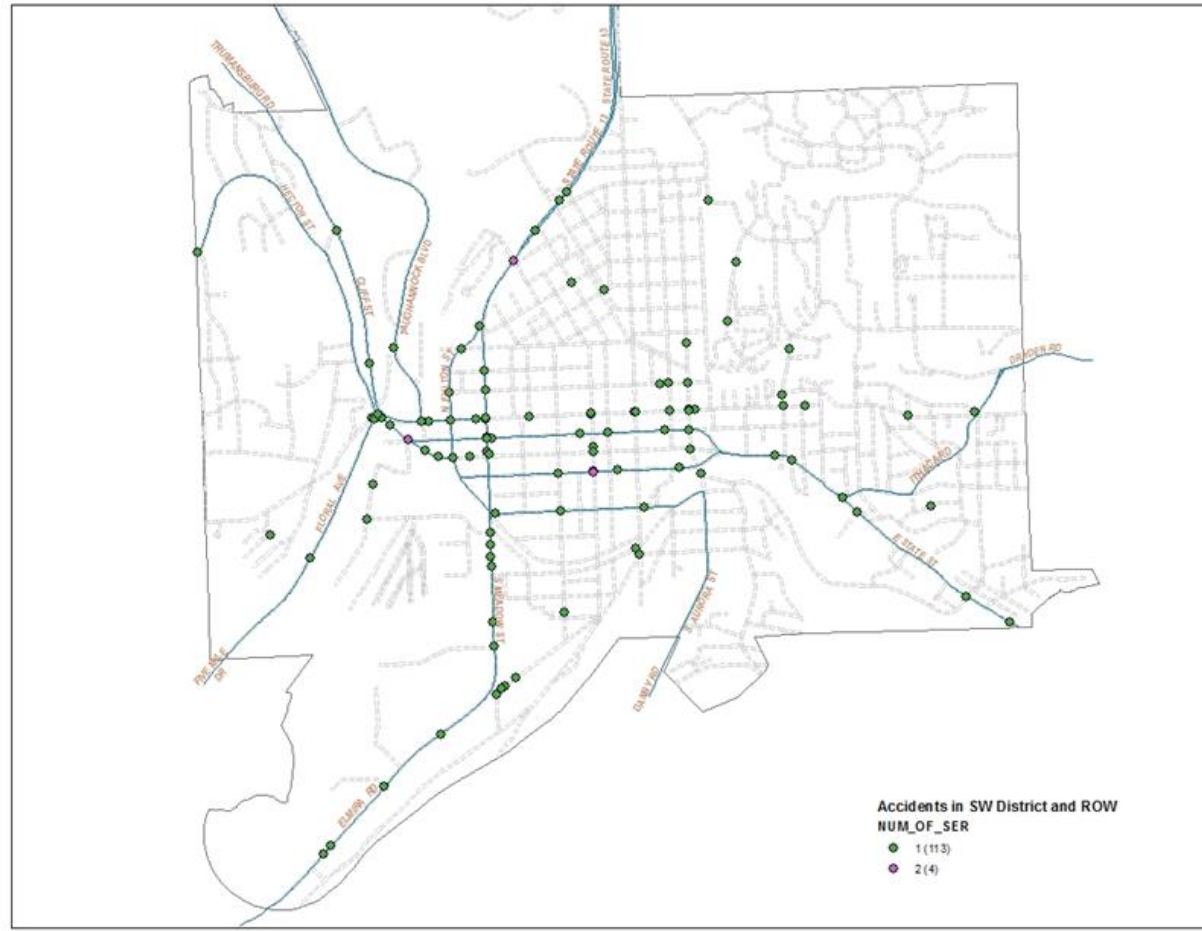
What are Vision Zero Tenets?

- ▶ Leadership and Commitment
- ▶ Safe Roadways and Safe Speeds
- ▶ Data Driven Approach, Transparency and Accountability



Where To Start? Look at the Data

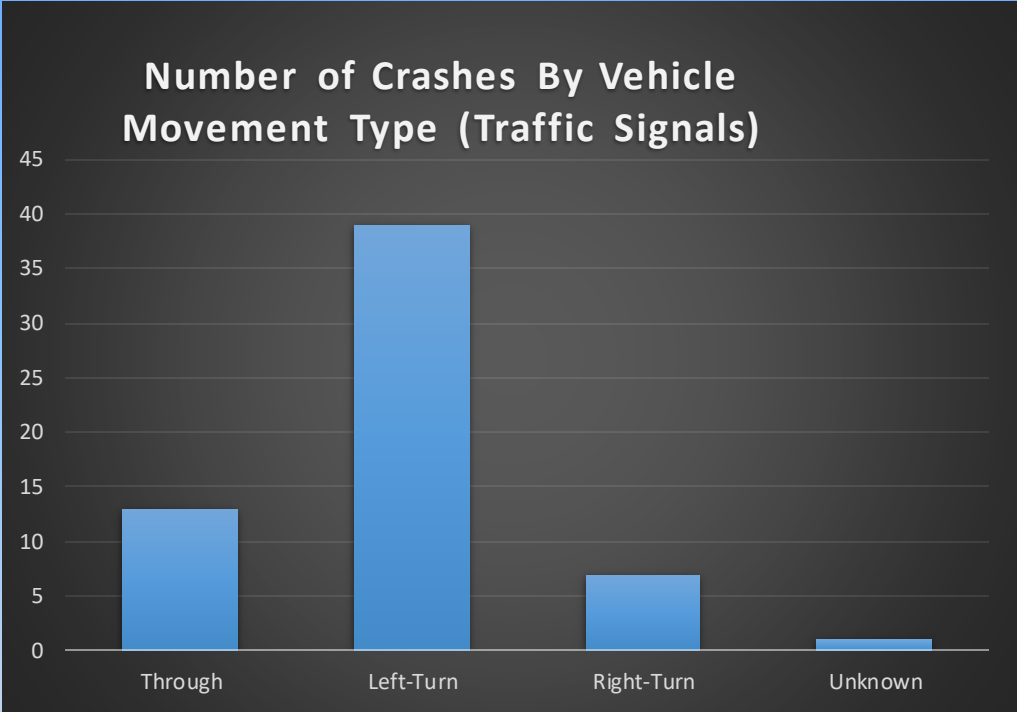
- ▶ Accident Location Information System (ALIS)
- ▶ GIS
- ▶ Vision Zero Website
 - Webinars
 - Action Plans



Number of Serious Injuries 2009-2016



Further Analysis



Where To Start? Identify Stakeholders

- ▶ Finger Lakes Independence Center
- ▶ Office For the Aging
- ▶ County Public Health
- ▶ Police and Fire
- ▶ NYSDOT
- ▶ Hospital
- ▶ TCAT Buses
- ▶ Cornell and Ithaca College
- ▶ Business Alliance



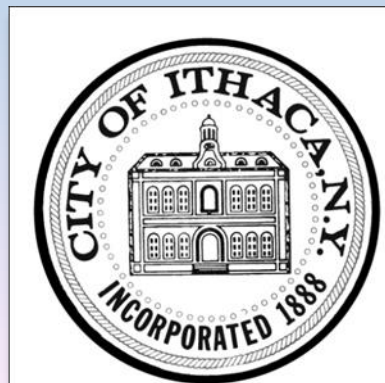
Next Steps

- ▶ Pursue Law Change
- ▶ Connect with MPOs
- ▶ Public Outreach
- ▶ Transportation Plan
- ▶ Multi-Disciplinary Team
 - Environmental Psychology
 - Public Health
 - Civil Engineering
 - Planning
 - Behavioral

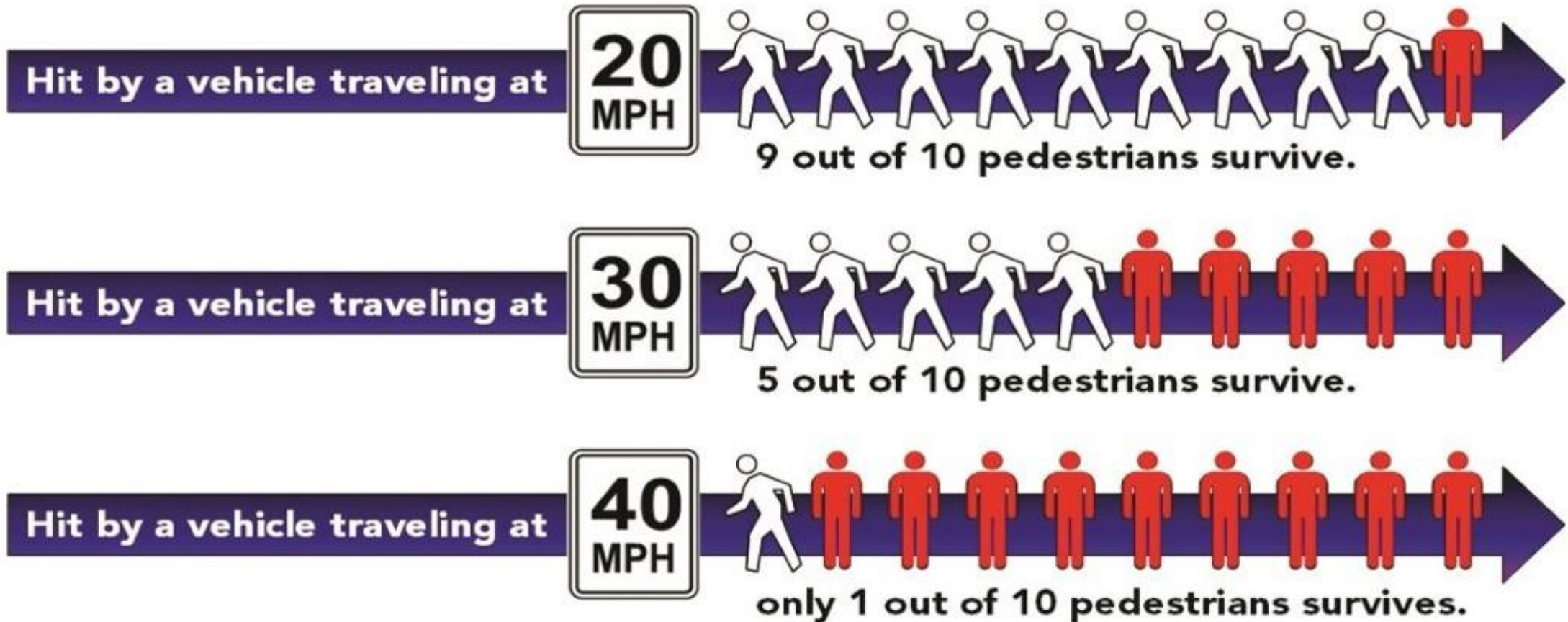


National Transportation Safety Board Study (2017)

- ▶ AASHTO Recommended Speed Range Local Urban Street (20-30 mph)
- ▶ Speed Limits are Effective at Controlling Driving Speeds (Goodwin 2015)
- ▶ FHWA – Speed Limit Should be within 5 mph of 85th %
- ▶ Expert System (USLIMITS2) – Road Character, Parking, Crashes



Speed and Pedestrian Safety



Clinton Street - Recommended 25 MPH



Hudson Street Recommended 20 MPH



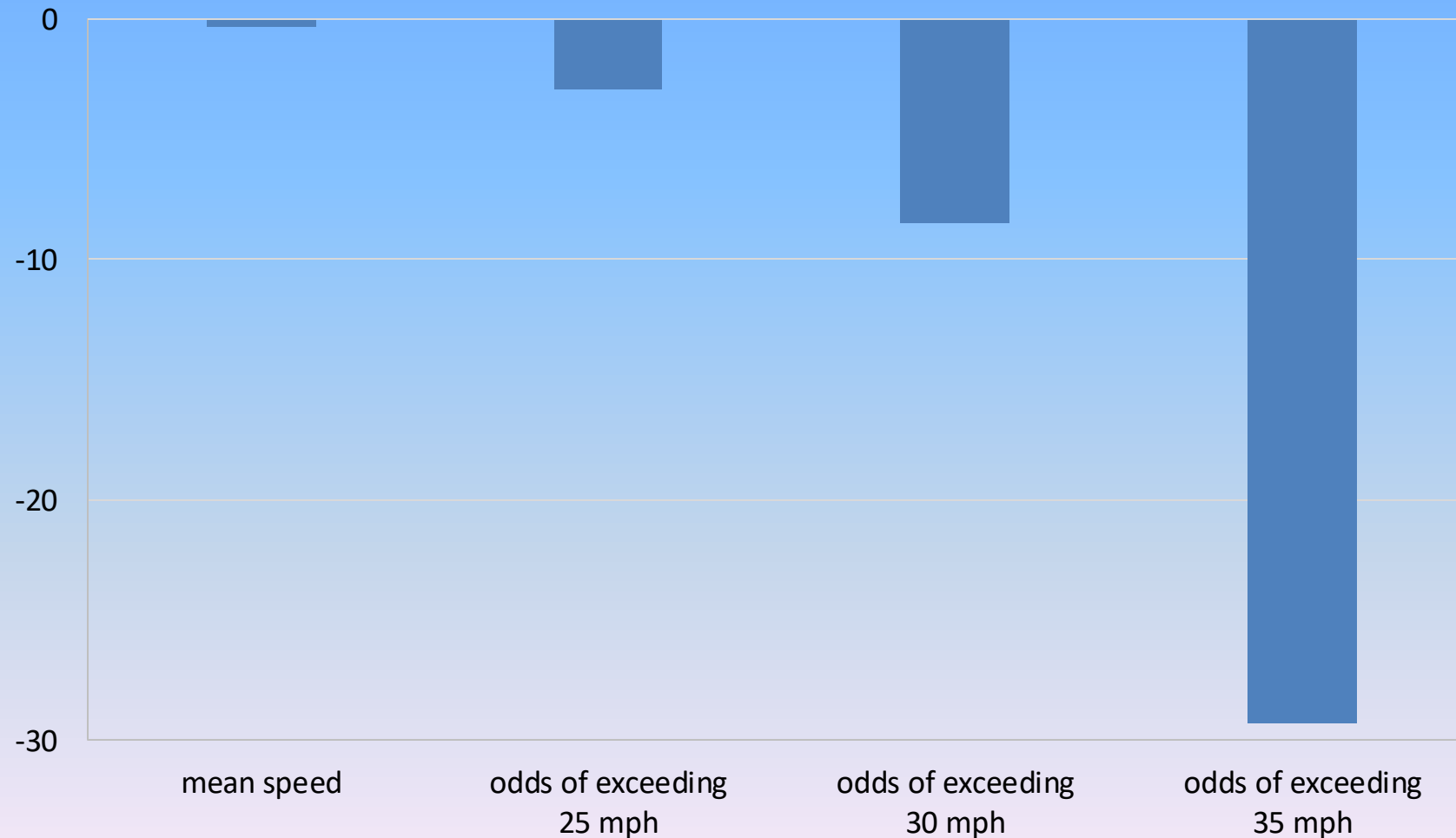
Boston Case Study

- ▶ In 2016, the Massachusetts state law was amended to allow lowering speed limits from 30 mph to 25 mph
- ▶ Effective January 9, 2017, the default speed limit on City of Boston streets was reduced from 30 mph to 25 mph
 - 25 mph signs were posted at gateways into the city or onto city-owned streets



Percent change in mean speeds and odds of vehicles exceeding 25, 30, or 35 mph

Relative to expected without speed limit reduction



New York State Law

- ▶ Vehicle and Traffic Law Section 1643 prohibits cities and villages from establishing area-wide speed limits below 30 miles per hour and also prohibits establishing any speed limit under 25 miles per hour on any roadway (except school zones).
- ▶ City of Ithaca passed resolution to contest this law
- ▶ How can we collaborate to allow any City/Village to Participate?

