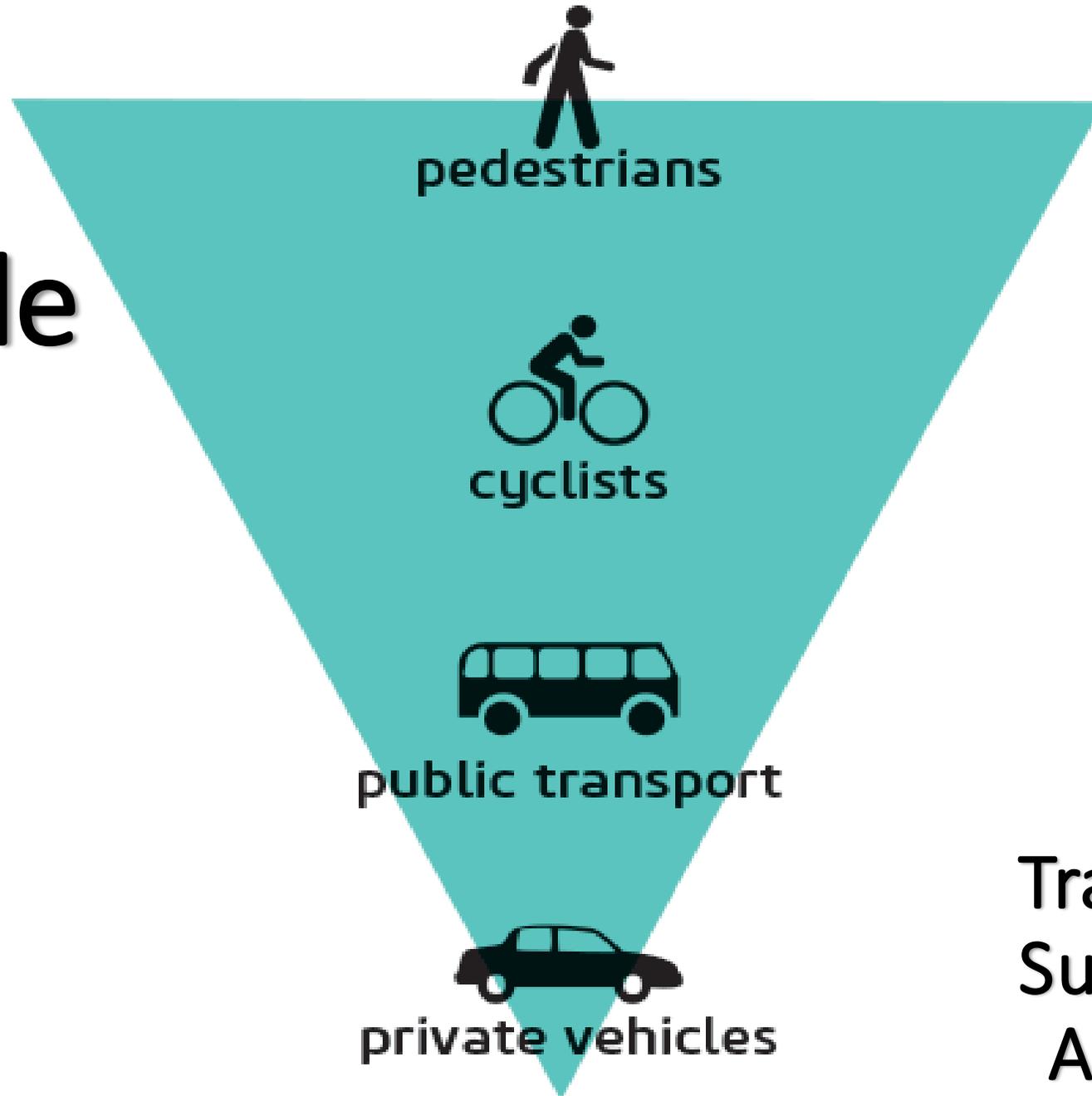
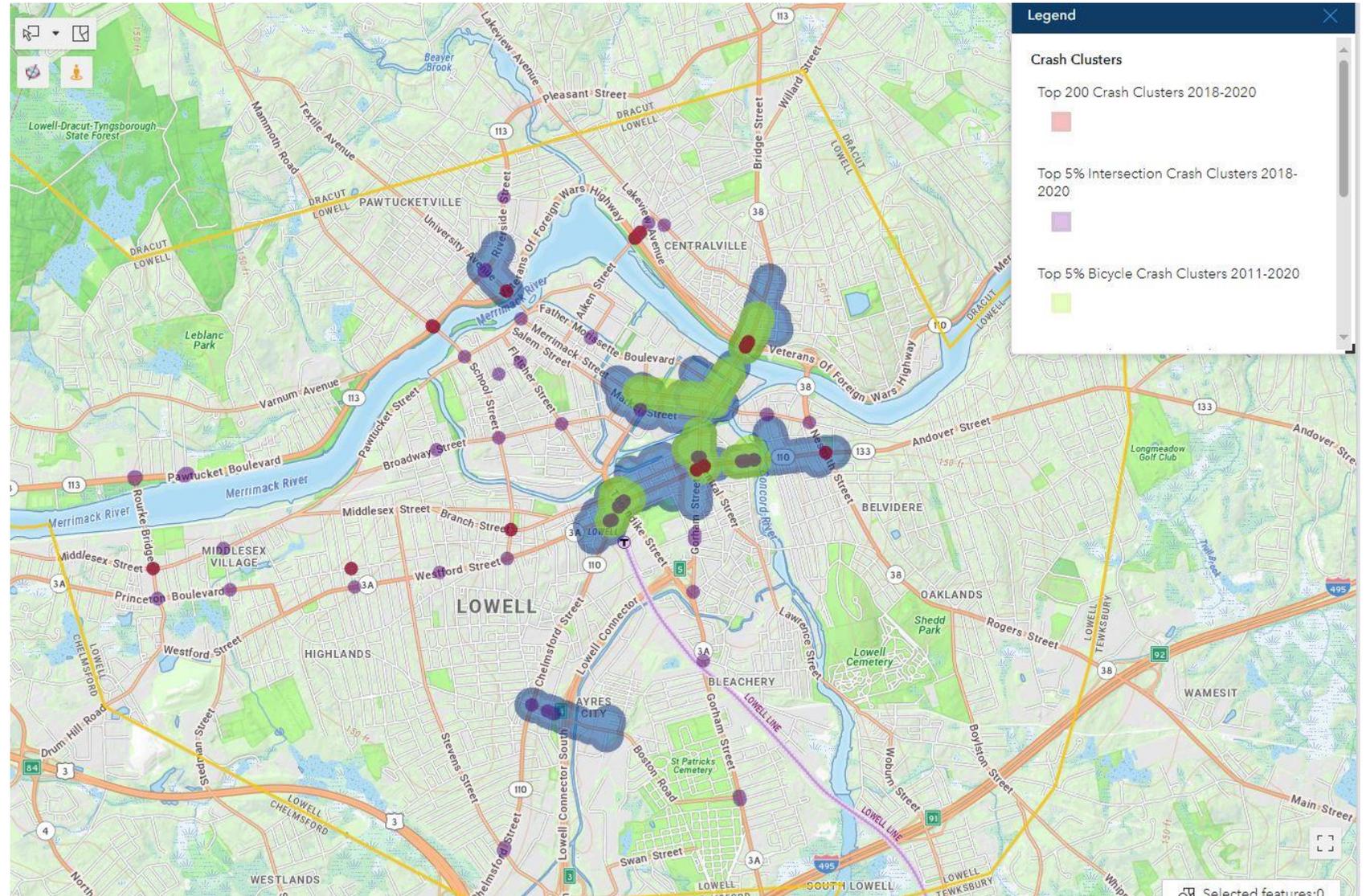


Vulnerable Road Users

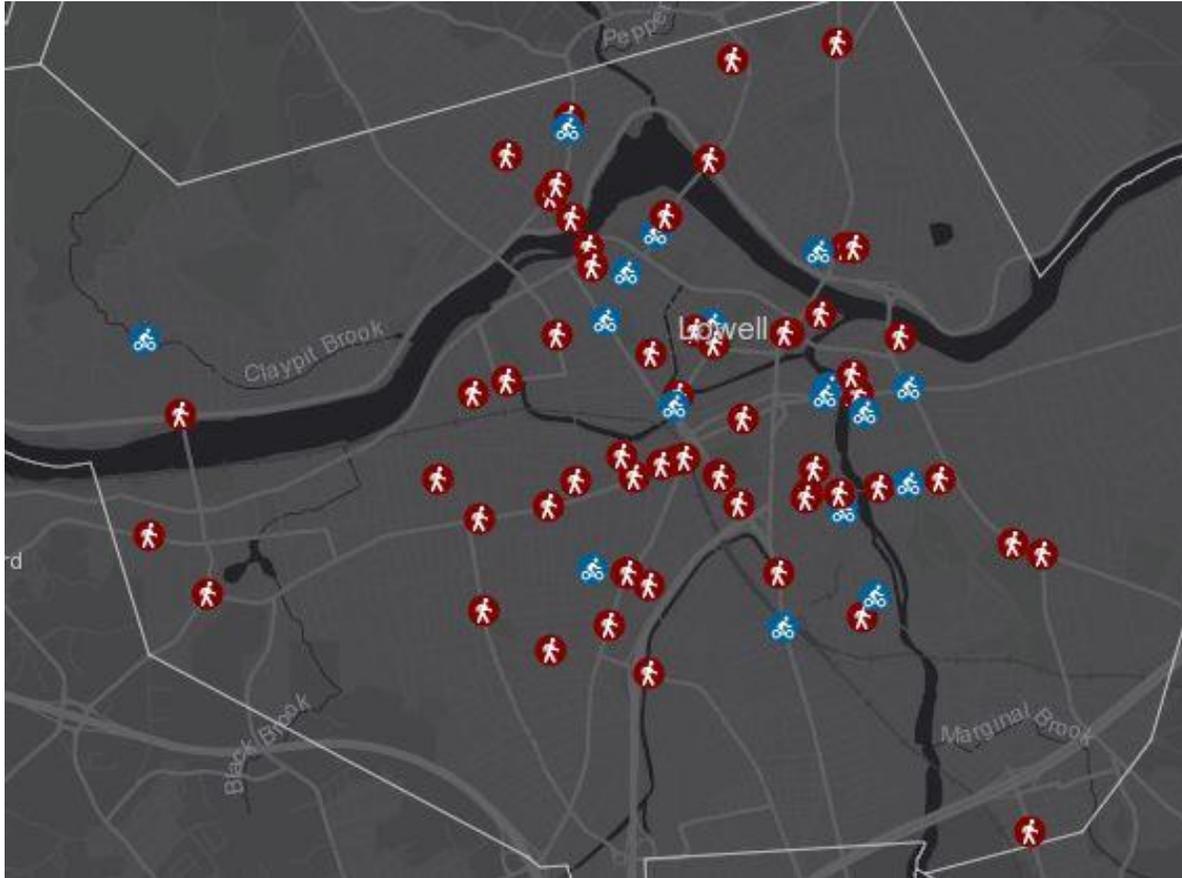


Transportation
Subcommittee
April 2, 2024

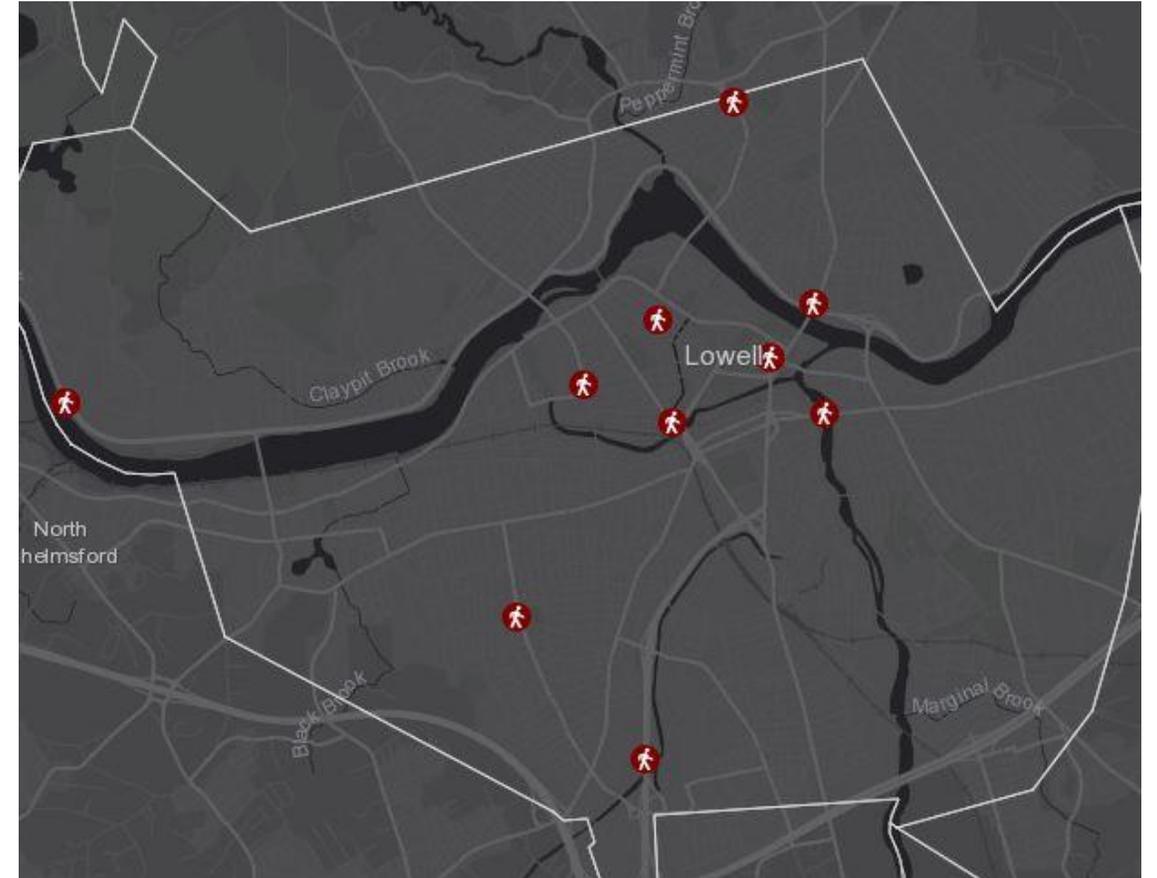
EXISTING CONDITIONS – High Crash Locations 2018 - 2020



EXISTING CONDITIONS – VRU Crashes 2018- 2023



Serious Injuries



Fatalities

EXISTING CONDITIONS – Environmental Justice Communities



VRU Primary Risk Intersections/Segments



WHAT ARE WE DOING – Plan and Vision



FORWARD

Mobility

Goal 1: Safe, equitable and connected mobility network that accommodates all users including walkers, riders, drivers, bikers and rollers

What is a Vision Zero Plan?

Vision Zero is a strategy aimed at eliminating all traffic fatalities and severe injuries while promoting safe, healthy, and equitable mobility. Originating in Sweden in the 1990s, it has seen success in Europe and is gaining traction in major American cities. The approach acknowledges that human errors are inevitable, emphasizing the need for road systems and policies designed to prevent severe outcomes. Vision Zero involves collaboration among various stakeholders, including traffic planners, engineers, policymakers, and public health professionals, recognizing the multifaceted nature of safe mobility and setting clear goals to achieve zero fatalities and severe injuries.

Action 1:

Prioritize improving sidewalk quality and pedestrian crossing safety projects along key pedestrian routes of higher demand, higher levels of ADA need, and to/from higher ridership transit stops.



Address Root Causes

Action Type(s): Capital Investment
Status: Existing/Ongoing Initiative
Timeframe: Medium Term
City Steward: City of Lowell, LRTA

Action 2:

Adopt Vision Zero and create a Vision Zero Safety Action Plan for Lowell.

Action Type(s): City programs and operations
Status: New Initiative
Timeframe: Medium Term
City Steward: City of Lowell—DPD

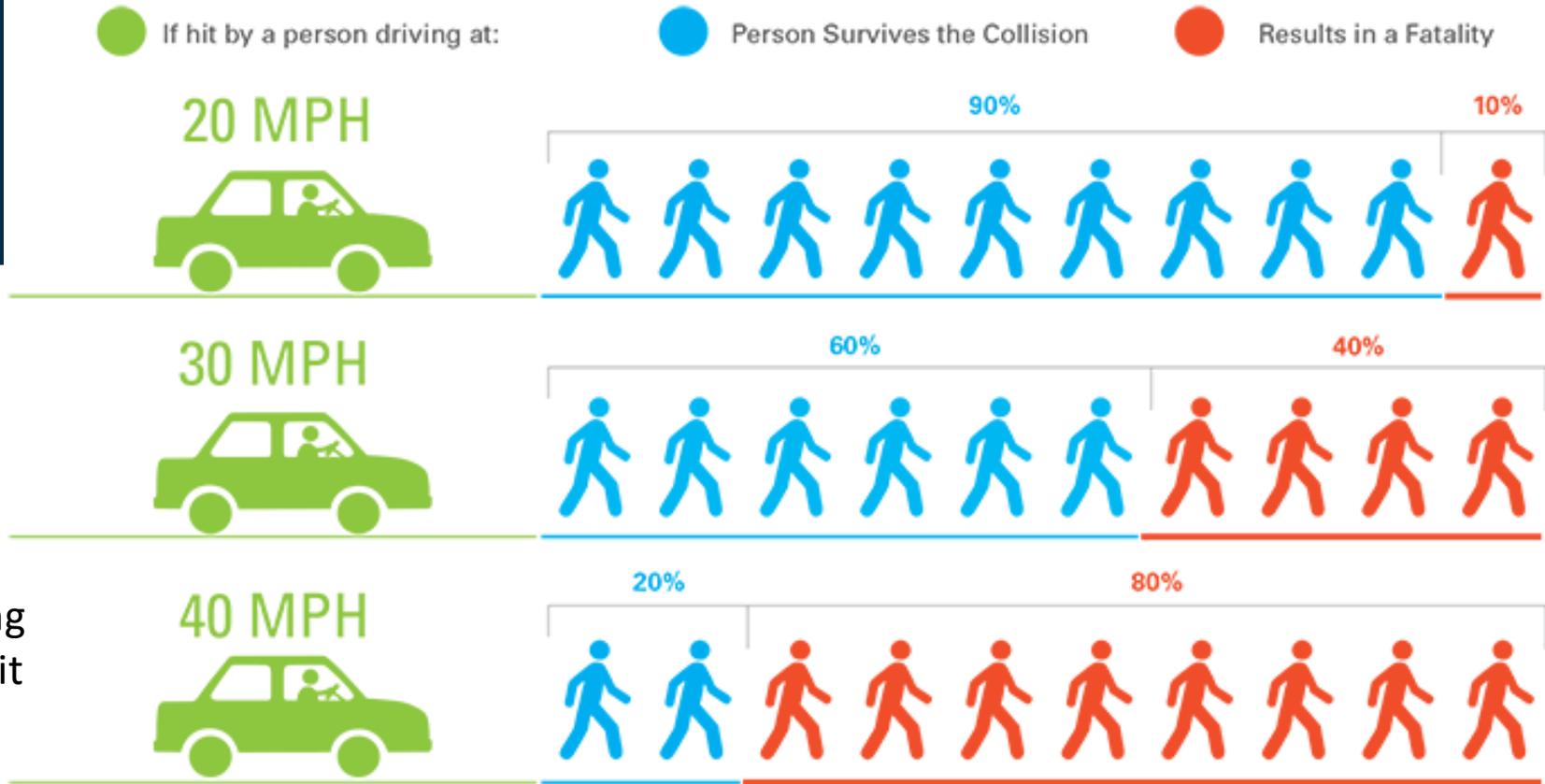


WHAT ARE WE DOING – 25 MPH Speed Limit

**CITY-WIDE
25MPH
SPEED LIMIT
IN EFFECT**



**Lowell
DRIVE 25**



Higher Speed = Higher Risk

- Crash risk doubles along roads where speed limit exceeds 25 mph and triples at 40 mph



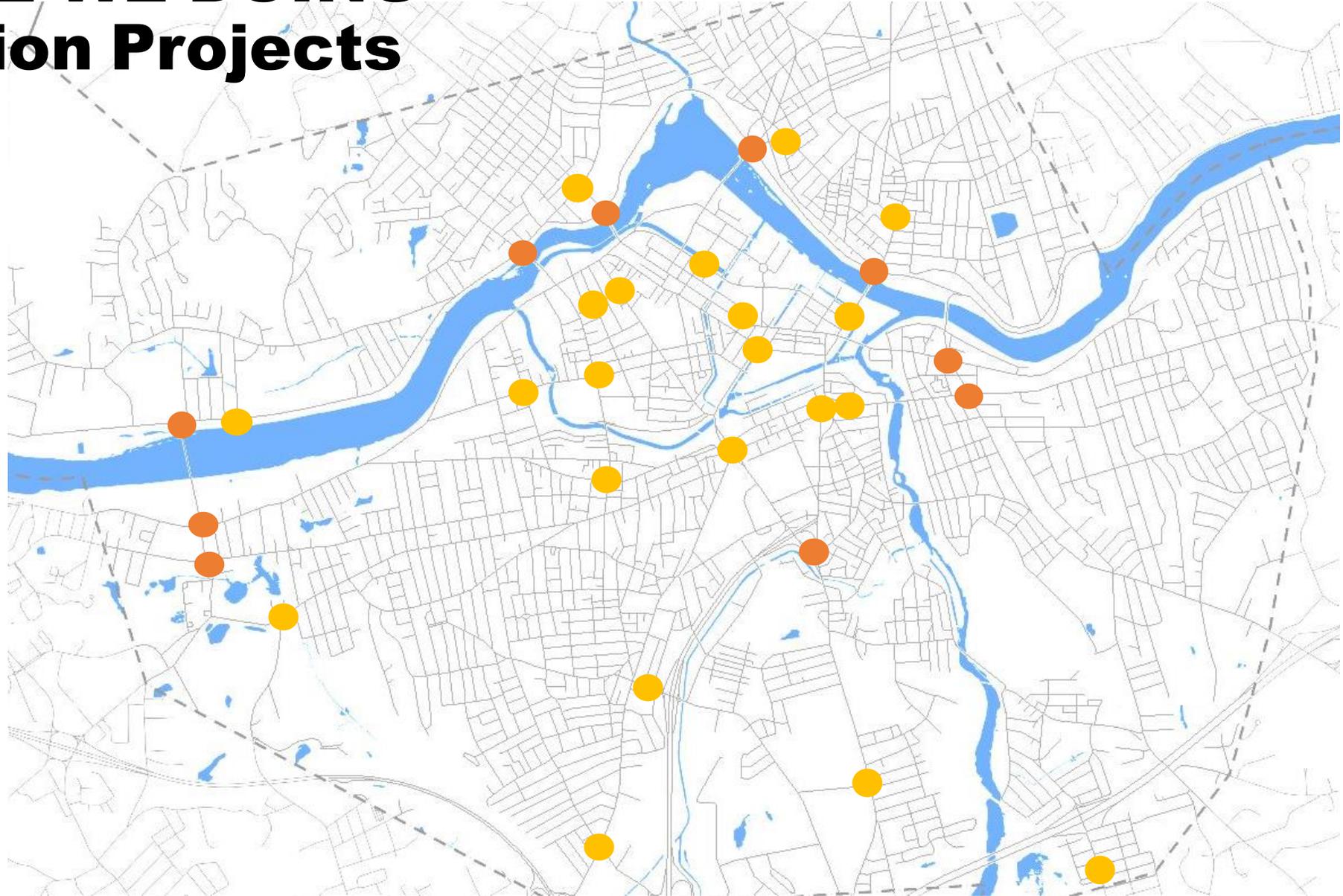
- Install temporary speed humps:
- Billings Street (3)
- Jean Avenue (2)
- Christman Avenue (1)

- Benefits:
- Slow vehicle speeds
- No impact to parking
- April/May through August

WHAT ARE WE DOING - Speed Humps

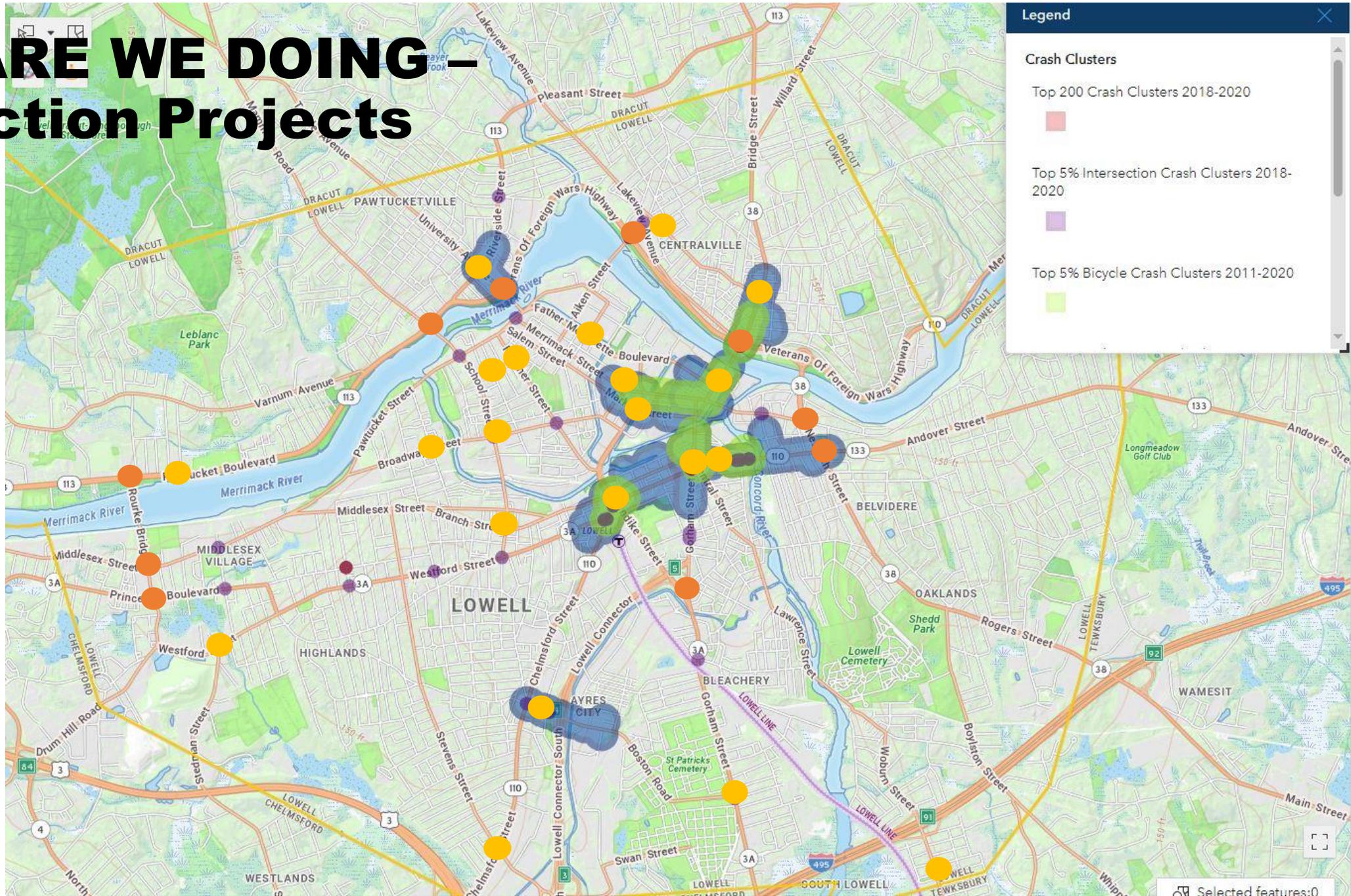
WHAT ARE WE DOING – Intersection Projects

- MassDOT Completed (after 2020) or Ongoing Projects
- Lowell Completed (after 2020) or Ongoing Projects



WHAT ARE WE DOING – Intersection Projects

- MassDOT Completed (after 2020) or Ongoing Projects
- Lowell Completed (after 2020) or Ongoing Projects



ROAD TO ZERO

