

February 14, 2023

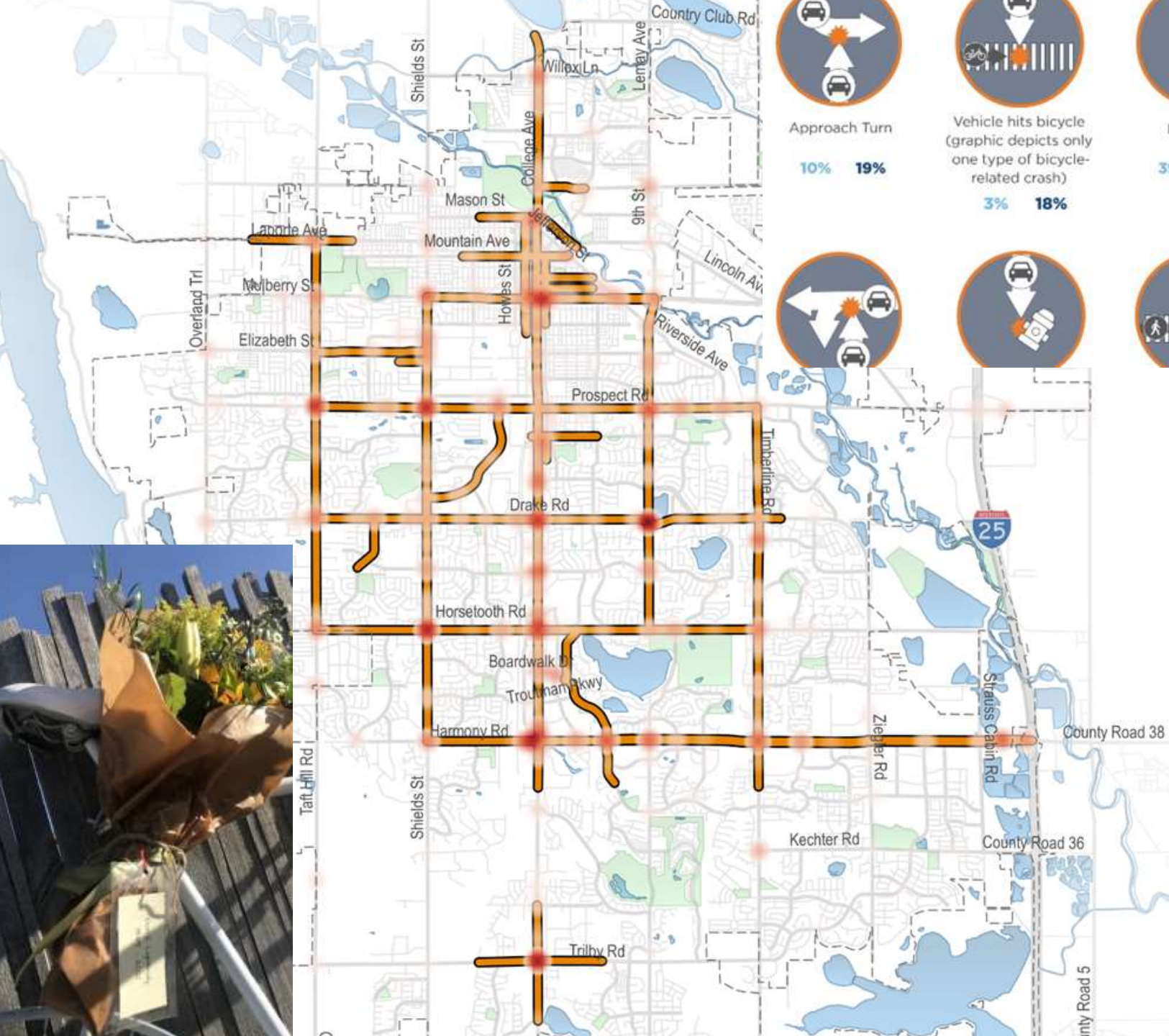
Vision Zero Action Plan

Tyler Stamey

City Traffic Engineer

Rachel Ruhlen

Transportation Planner



1. Do Councilmembers support the plan's vision and goals?
2. Do Councilmembers support the plan's transformative and supporting actions?
3. What feedback do Councilmembers have on the plan's actions and implementation strategy?

*332 crashes in 2021
resulted in a serious
injury or fatality*

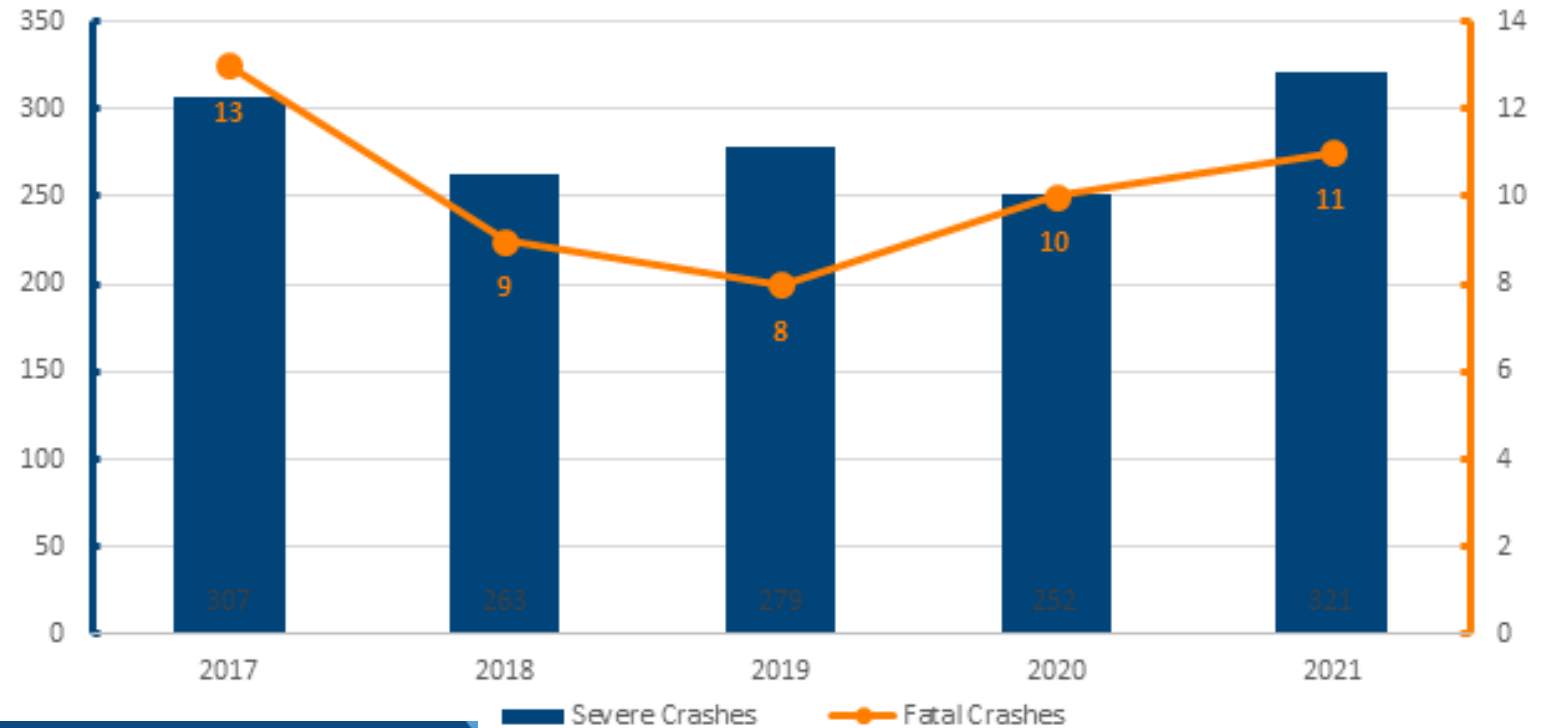
By 2032, no one dies or has a
serious injury while traveling on Fort
Collins' streets

*11 people lost their
lives in 2021
traveling on streets
in Fort Collins*



MOVING TOWARDS
ZERO
DEATHS

S | S
4 | A



TRANSPORTATION CAPITAL PROJECTS PRIORITIZATION STUDY

City of
Fort Collins



President's Vision Zero Task Force



TRANSPORTATION CAPITAL PROJECTS PRIORITIZATION STUDY



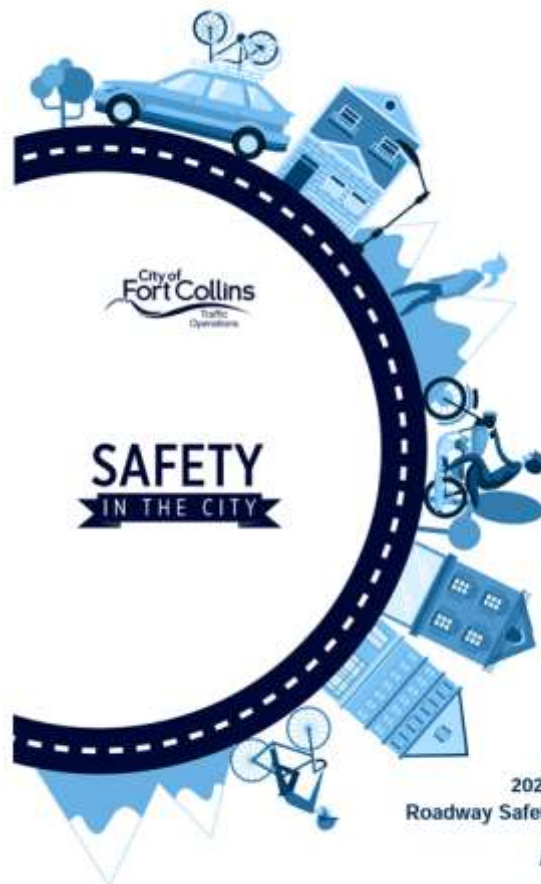
2021

Fort Collins Police Services

ROADWAY SAFETY



The Traffic Unit continued to address the top road safety focus areas: **speeding, red light and stop sign violations, following too closely & distracted driving.** Several units also worked together to address traffic safety, noise issues & modified exhaust/nuisance exhaust (rolling coal).



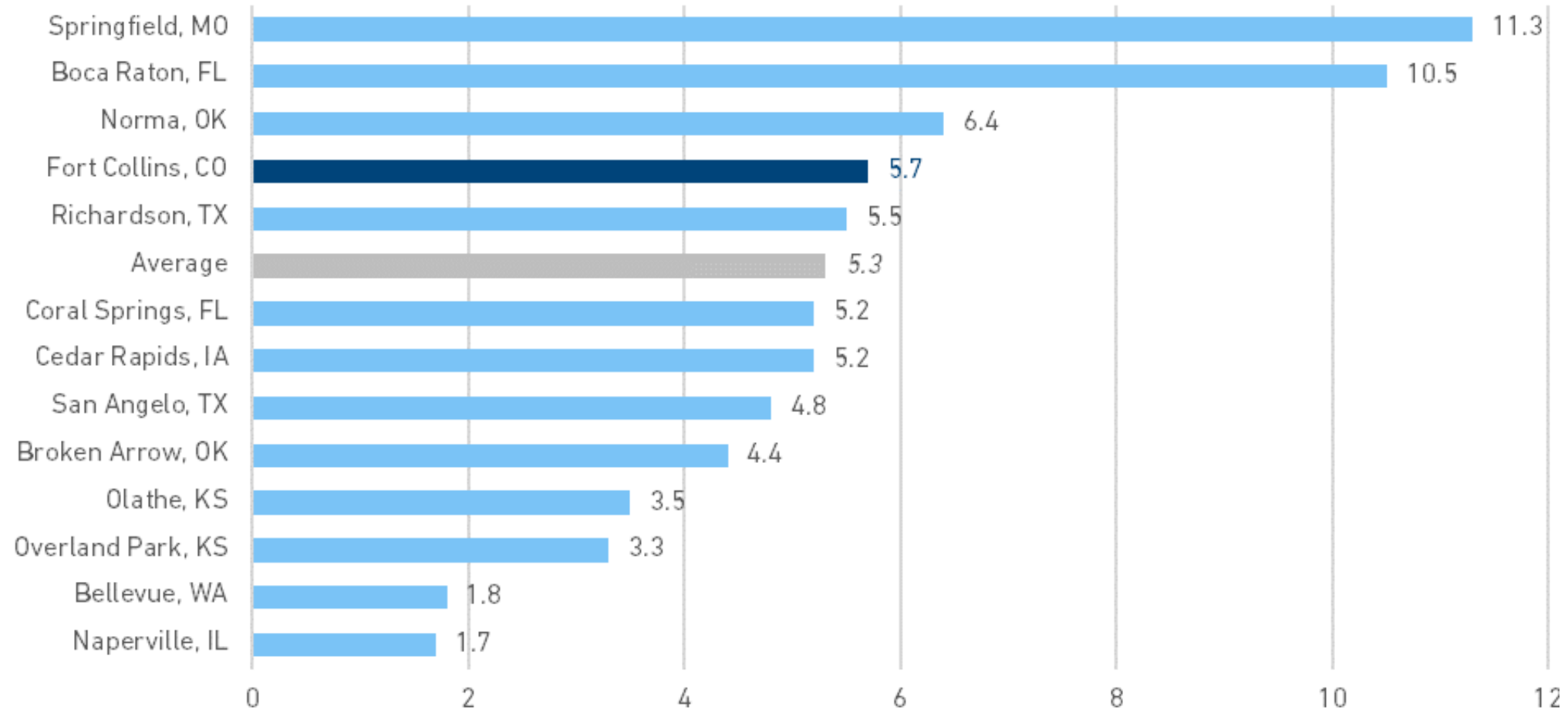
2021 Annual
Roadway Safety Report

August 2022



Cities that have achieved zero:

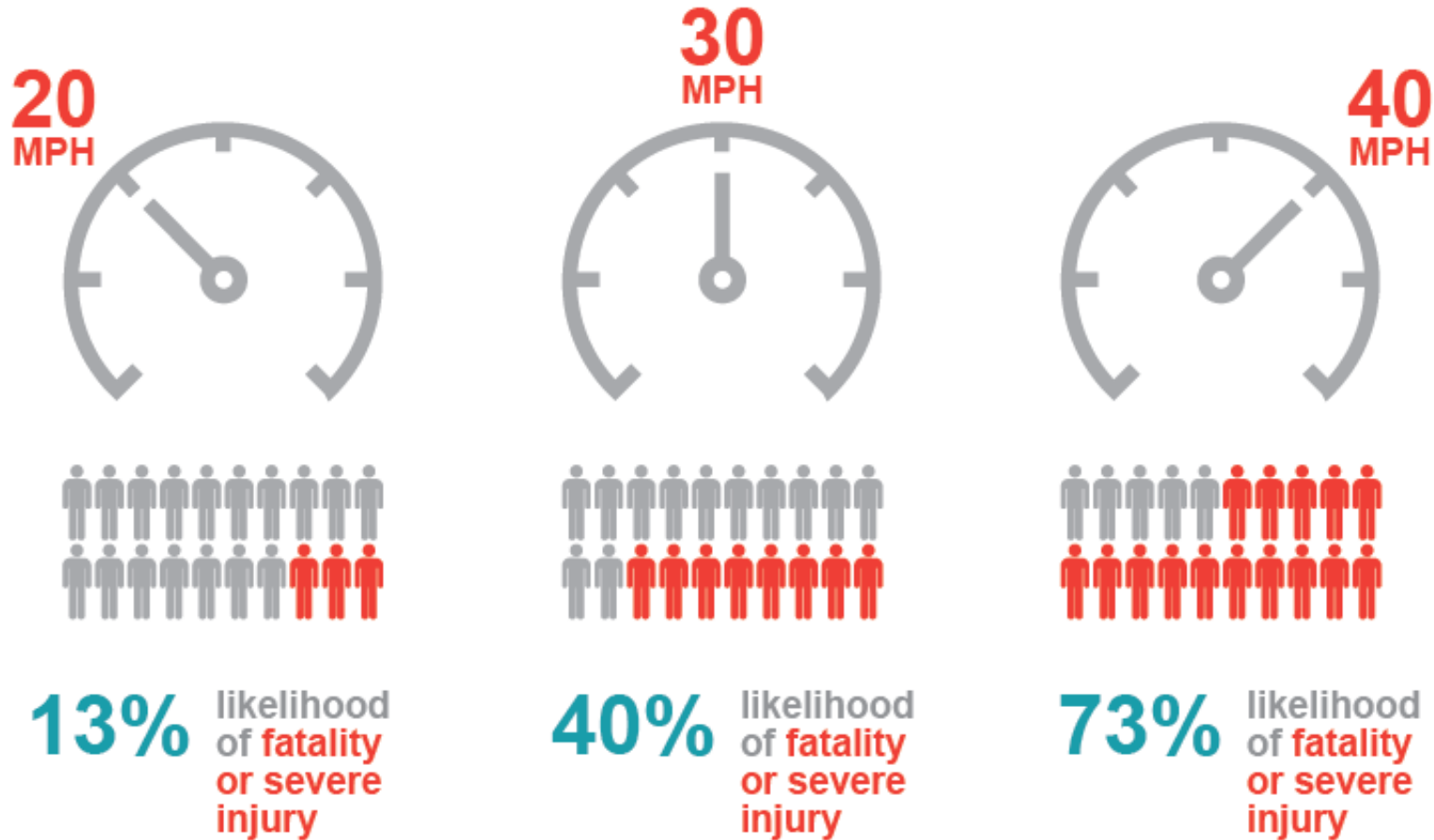
- Boulder CO
- Hoboken NJ
- Lansing MI
- Allentown PA



Fatal Crash Rate Comparison to Peer Cities, based on 2017-2020

Data Source: Safety in the City: Fort Collins 2021 Annual Roadway Safety Report, August 2022.





Source: Tefft, B.C. (2011). *Impact Speed and a Pedestrian's Risk of Severe Injury or Death (Technical Report)*. Washington, D.C.: AAA Foundation for Traffic Safety.



Severe crashes are
trending up



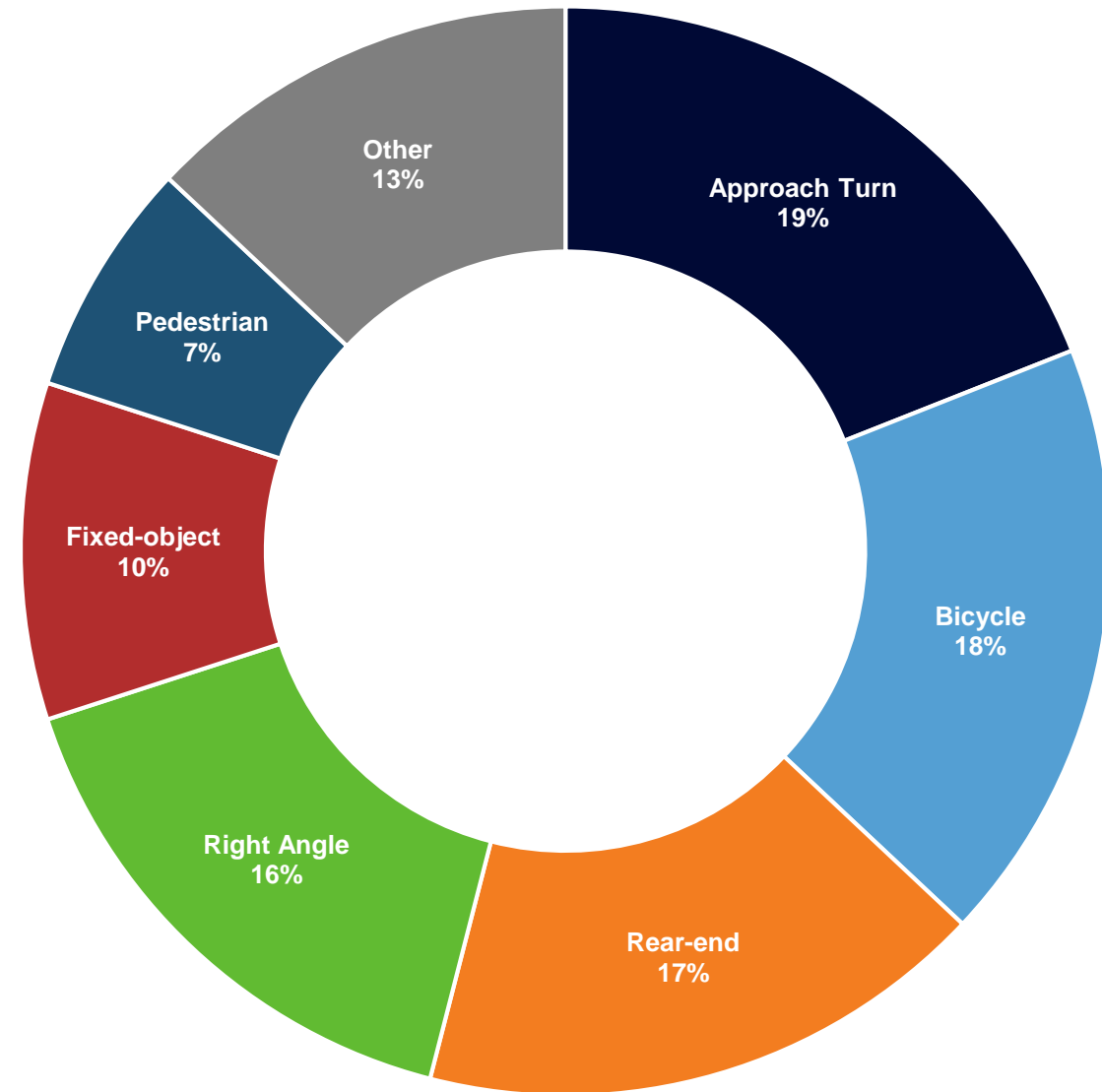
People walking, bicycling
or using a motorcycle are
disproportionately
impacted



Most high-risk crashes
occur on a small number
of streets and
intersections

SIX
crash types are
responsible for
87%
of severe
crashes

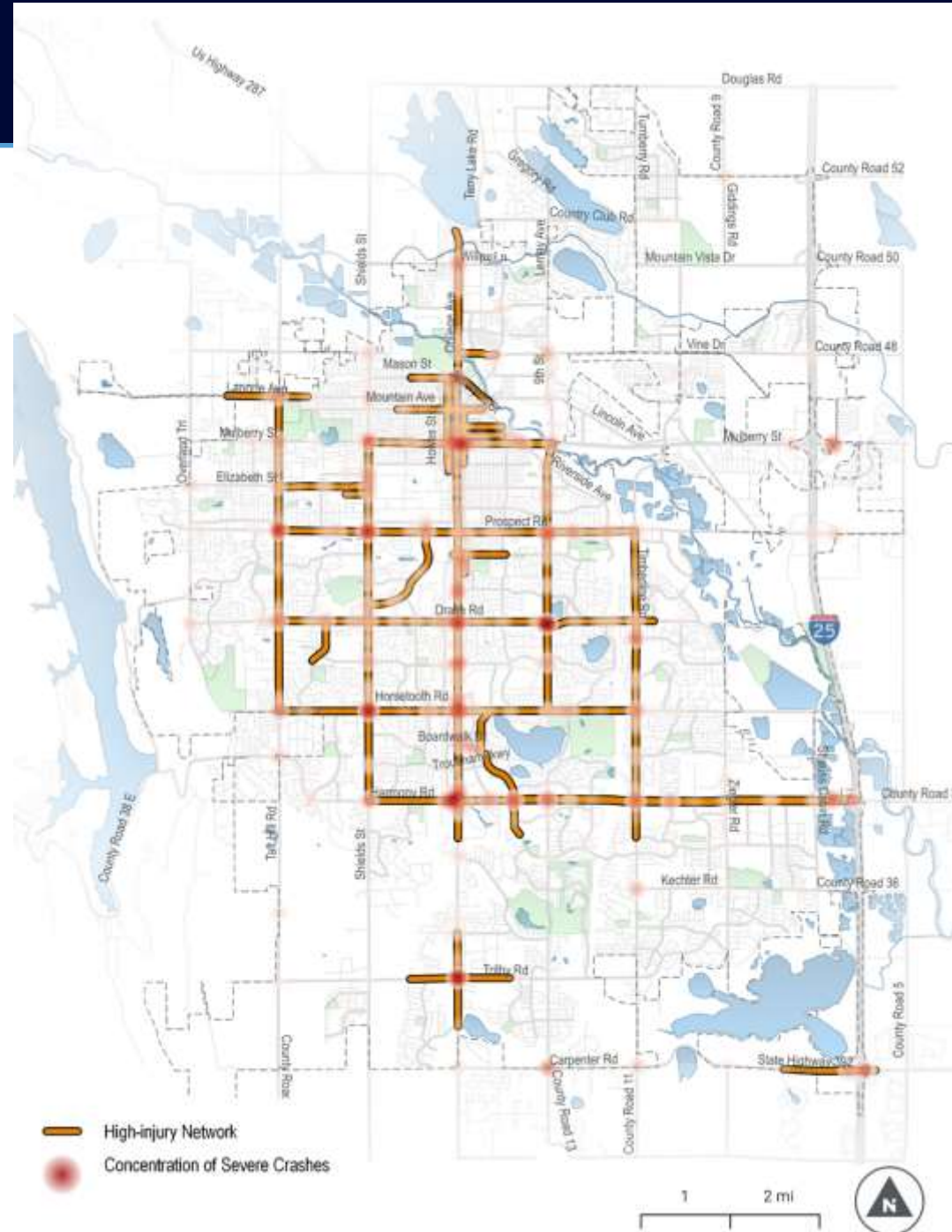
- Approach Turn
- Bicycle
- Rear-end
- Right Angle
- Fixed-object
- Pedestrian



8% of the roads
have
63% of all fatal
and serious injury
crashes

70%
of severe crashes
occurred at an
intersection

The HIN is
91% arterials
6% collectors
3% local



TRANSPORTATION CAPITAL PROJECTS PRIORITIZATION STUDY

City of
Fort Collins



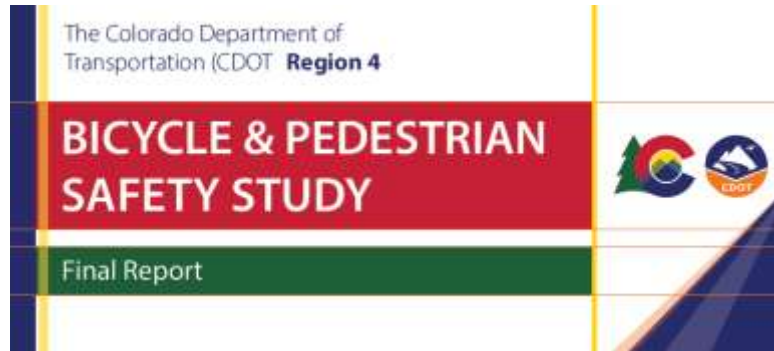
Technical Advisory Committee

City Departments

Community Development &
Neighborhood Services
Economic Health Office
Engineering Department
FC Moves
Parking Services
Parks Department
Parks Planning & Development
Planning Department
Police Services
Streets Department
Traffic Operations
Transfort

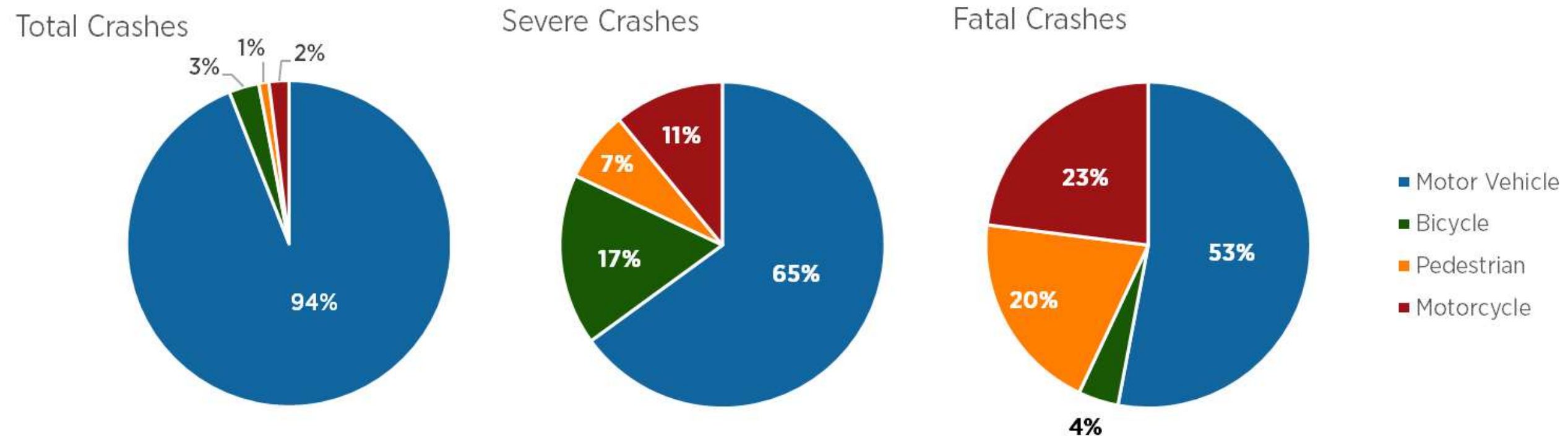
Agencies & Organizations

Bike Fort Collins
Colorado State University
Colorado Department of
Transportation
Larimer County
Poudre School District
North Front Range
Metropolitan Planning
Organization
Poudre School District
Safe Kids Larimer County
UC Health



City Boards & Committees Public Review of Draft Plan

Focus on Vulnerable Road Users



Measures to protect vulnerable road users ALSO protect people inside motor vehicles
ALL goals include actions that are beneficial to vulnerable road users

Support Mode Shift

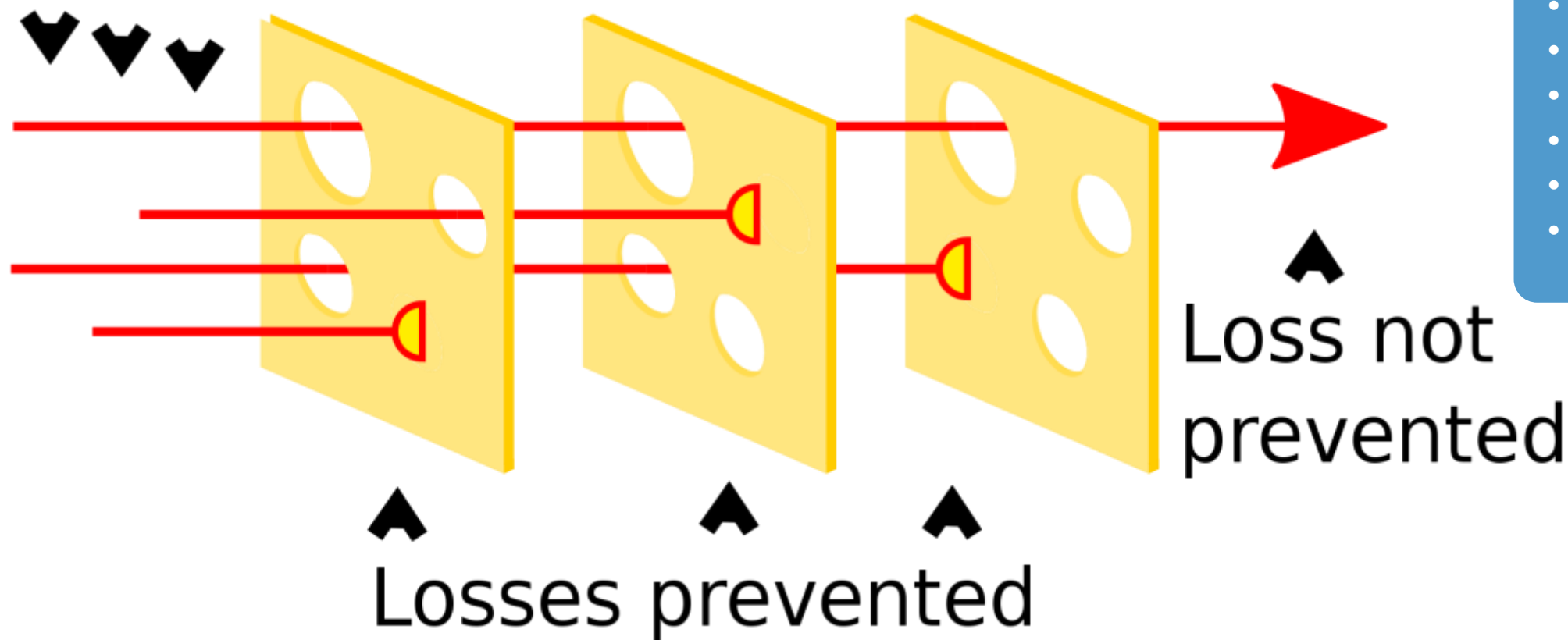
Promote a Culture of Traffic Safety

Prioritize Safer Speeds and Multimodal Places

Increase Data Transparency and Partnerships

Center Equity

Hazards



Layers of traffic safety

- Engineering
- Mode shift
- Land use
- Traffic calming
- Traffic culture
- Enforcement
- Emergency response

Transformative Actions

Actions that will be most transformative to get Fort Collins to Vision Zero

Supporting Actions

Additional actions that fit Fort Collins' Vision Zero goals



Implement other plans



Infrastructure

Quick Build



Standards & policies

Process

Vision Zero Chicanes

Community
Opposition

Political
Reluctance

Internal
Practice

Est. November 7, 1935

Manual on Uniform Traffic Control Devices for Streets and Highways



**Eleventh
Edition**

*Coming
Soon!*



U.S. Department of Transportation
Federal Highway Administration

Staff

Data

Individual Fatal or Serious Bodily Injury Event

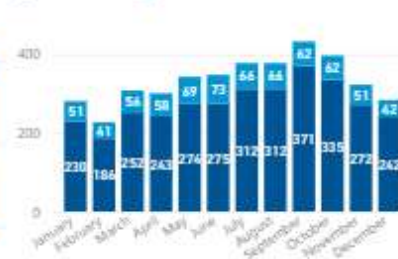
YEAR

● Total SBI Crashes ● Total Fatalities



MONTH

● Total SBI Crashes ● Total Fatalities



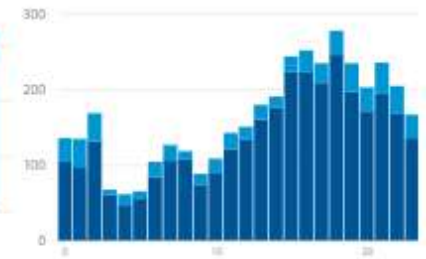
DAY OF WEEK

● Total SBI Crashes ● Total Fatalities

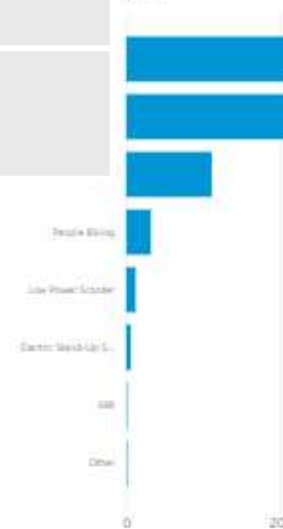


HOUR (24 Hour, 00:00 am - 23:59 pm)

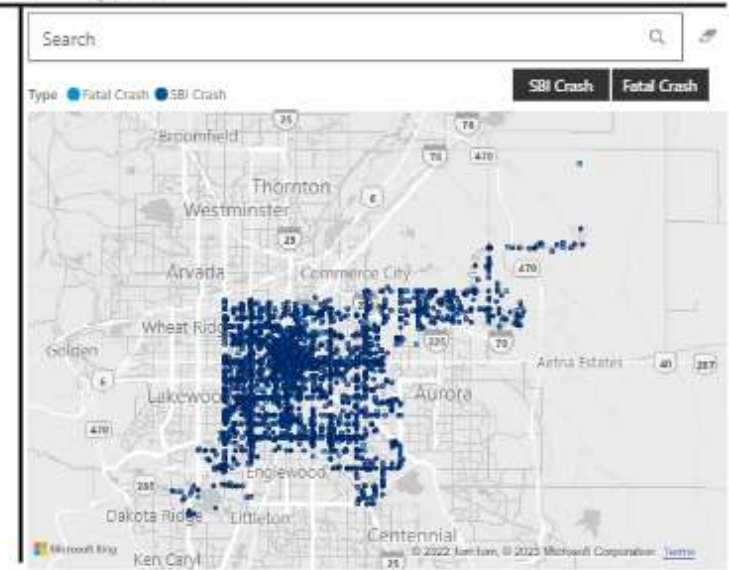
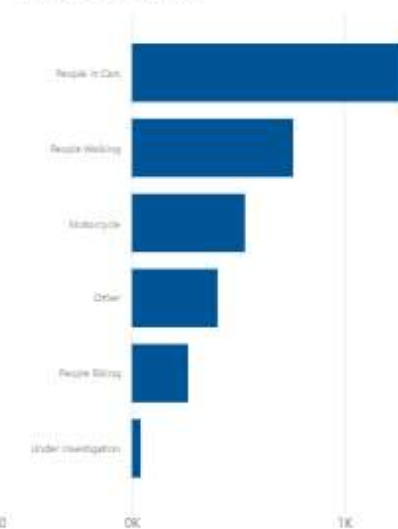
● Total SBI Crashes ● Total Fatalities



Injured



Mode of Seriously Injured



Health Equity Index

Neighborhood/Community Grants

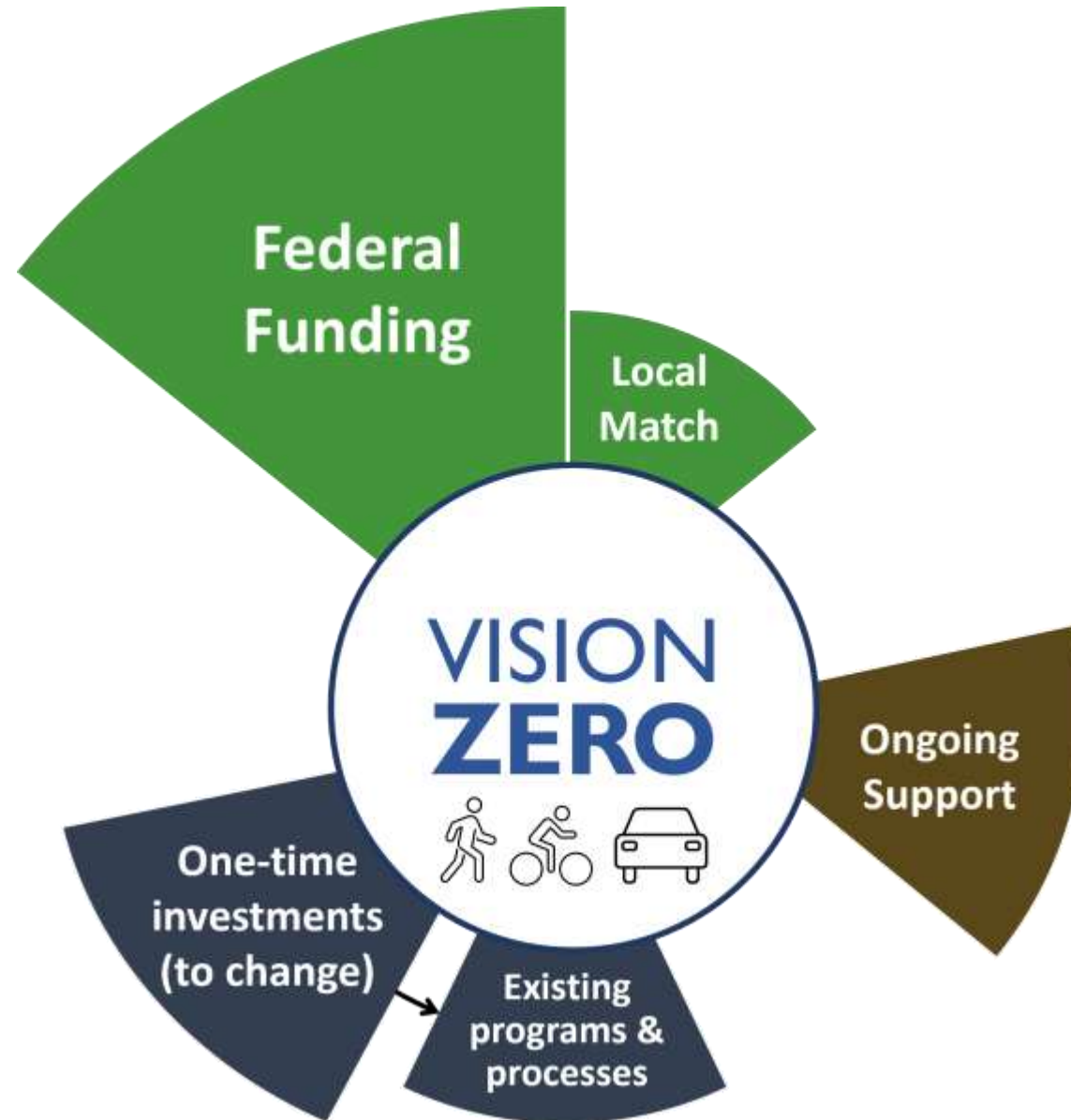


Countermeasures to address:

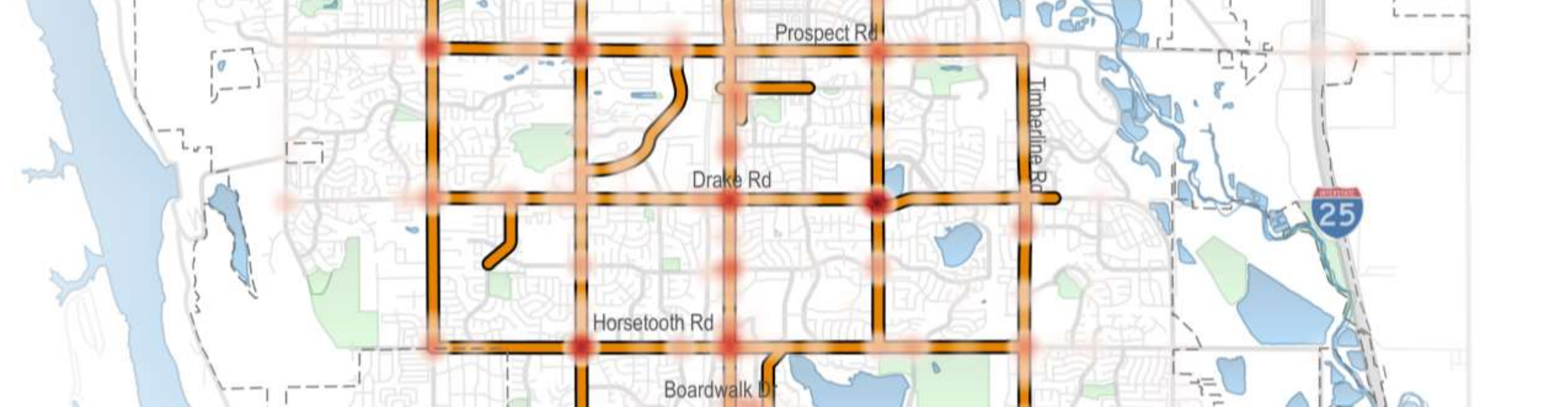
Top Severe Crash Types

- Approach Turn
- Bicycle
- Rear-end
- Right Angle
- Fixed-object
- Pedestrian





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For Questions or Comments, Please Contact:

Rachel Ruhlen

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