



Safer Streets for Healthy Communities

Maui County Council
Multimodal Transportation Committee
May 16, 2019



What is Vision Zero?

A strategy to eliminate all traffic fatalities and severe injuries, while increasing safe, healthy, equitable mobility for all.

TRADITIONAL APPROACH

Traffic deaths are **INEVITABLE**

PERFECT human behavior

Prevent **COLLISIONS**

INDIVIDUAL responsibility

Saving lives is **EXPENSIVE**

VS

VISION ZERO

Traffic deaths are **PREVENTABLE**

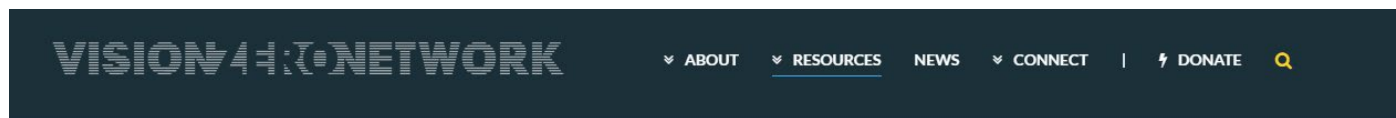
Integrate **HUMAN FAILING** in approach

Prevent **FATAL AND SEVERE CRASHES**

SYSTEMS approach

Saving lives is **NOT EXPENSIVE**

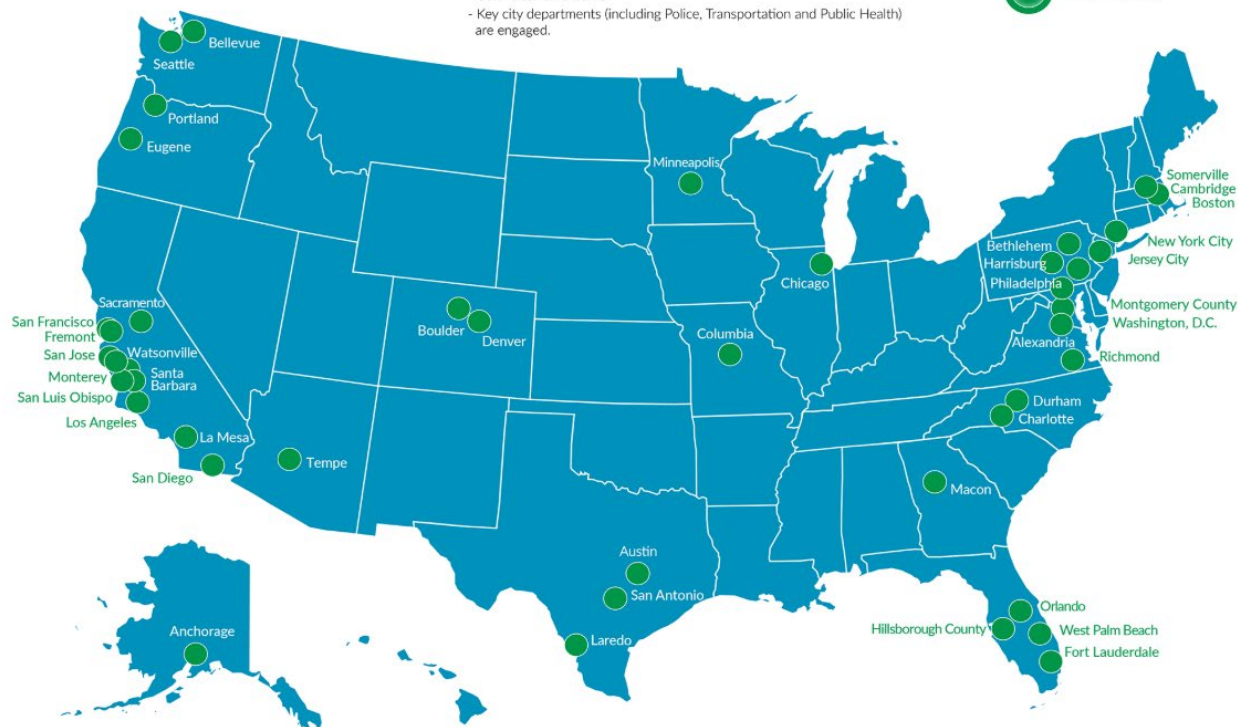
National and Statewide Efforts



Vision Zero Cities

A Vision Zero City meets the following minimum standards:

- Sets clear goal of eliminating traffic fatalities and severe injuries
- Mayor has publicly, officially committed to Vision Zero
- Vision Zero plan or strategy is in place, or Mayor has committed to doing so in clear time frame
- Key city departments (including Police, Transportation and Public Health) are engaged.



Vision Zero on Maui



Protecting Innocent Lives



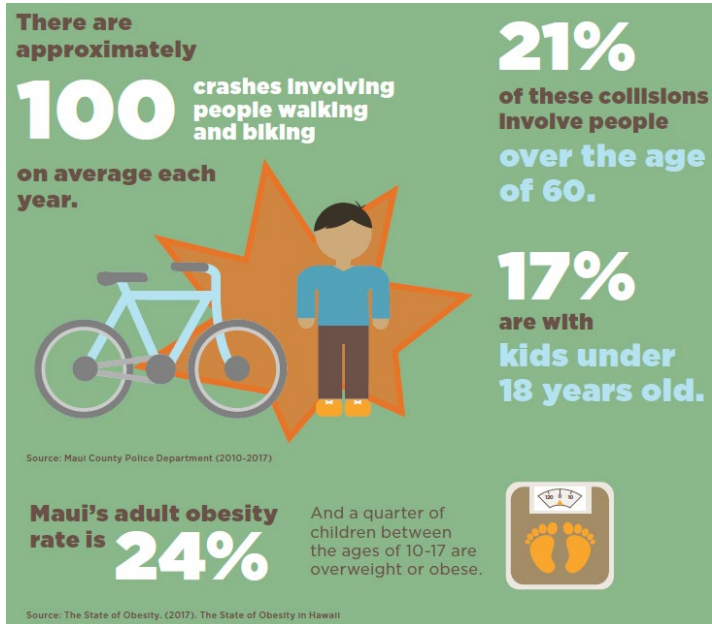
Safe Routes to School



Inclusive Mobility

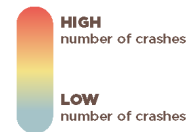


Pedestrian and Bicycle Crash Data

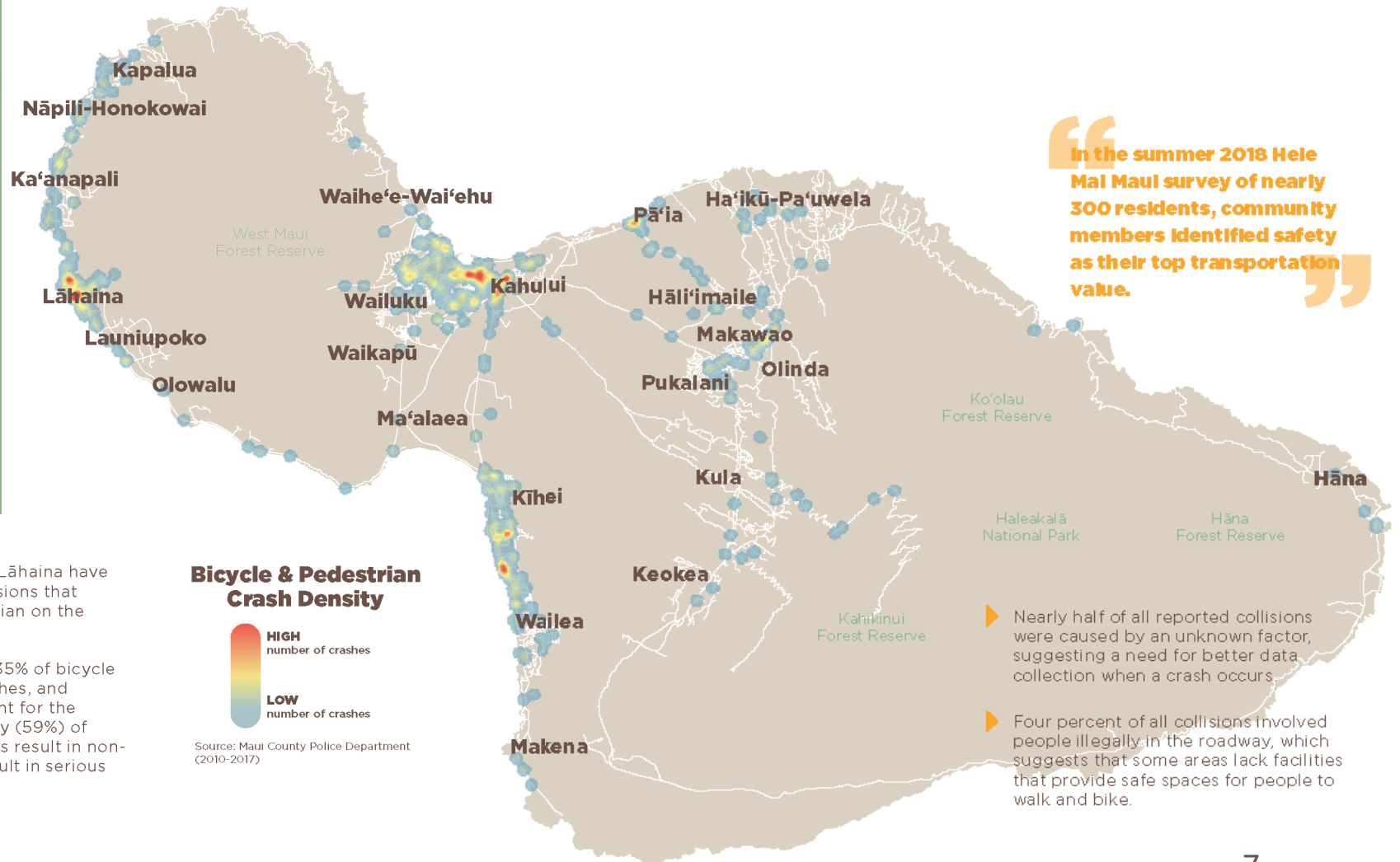


- ▶ Kahului, Wailea/Kīhei, and Lāhaina have the highest number of collisions that involve a bicycle or pedestrian on the island.
- ▶ Bicycle collisions make up 35% of bicycle or pedestrian involved crashes, and pedestrian collisions account for the remaining 65%. The majority (59%) of bicycle/pedestrian collisions result in non-serious injuries, but 15% result in serious injury or death.

Bicycle & Pedestrian Crash Density



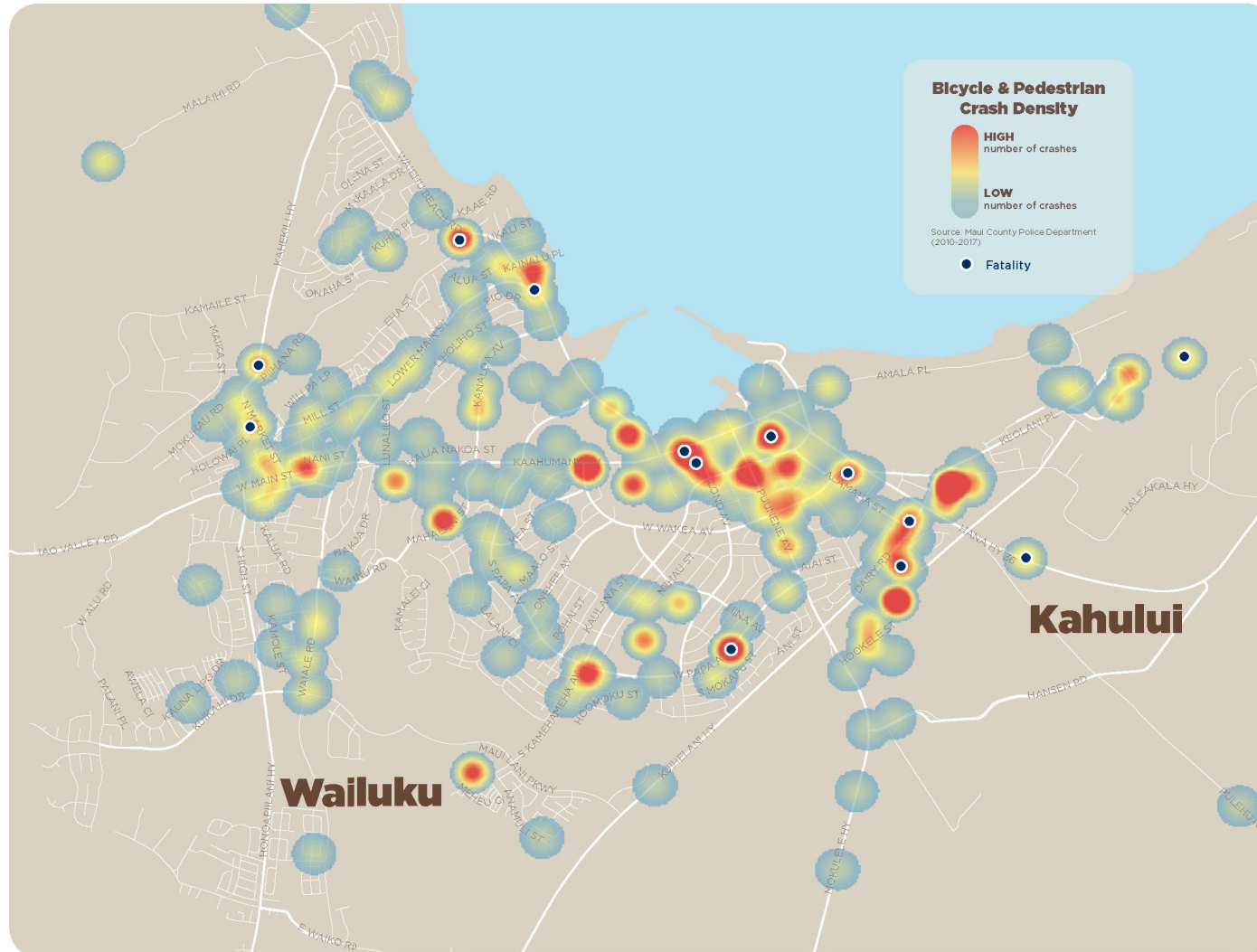
Source: Maui County Police Department (2010-2017)



“In the summer 2018 Hele Mai Maui survey of nearly 300 residents, community members identified safety as their top transportation value.”

- ▶ Nearly half of all reported collisions were caused by an unknown factor, suggesting a need for better data collection when a crash occurs.
- ▶ Four percent of all collisions involved people illegally in the roadway, which suggests that some areas lack facilities that provide safe spaces for people to walk and bike.

Central Maui Crash Data

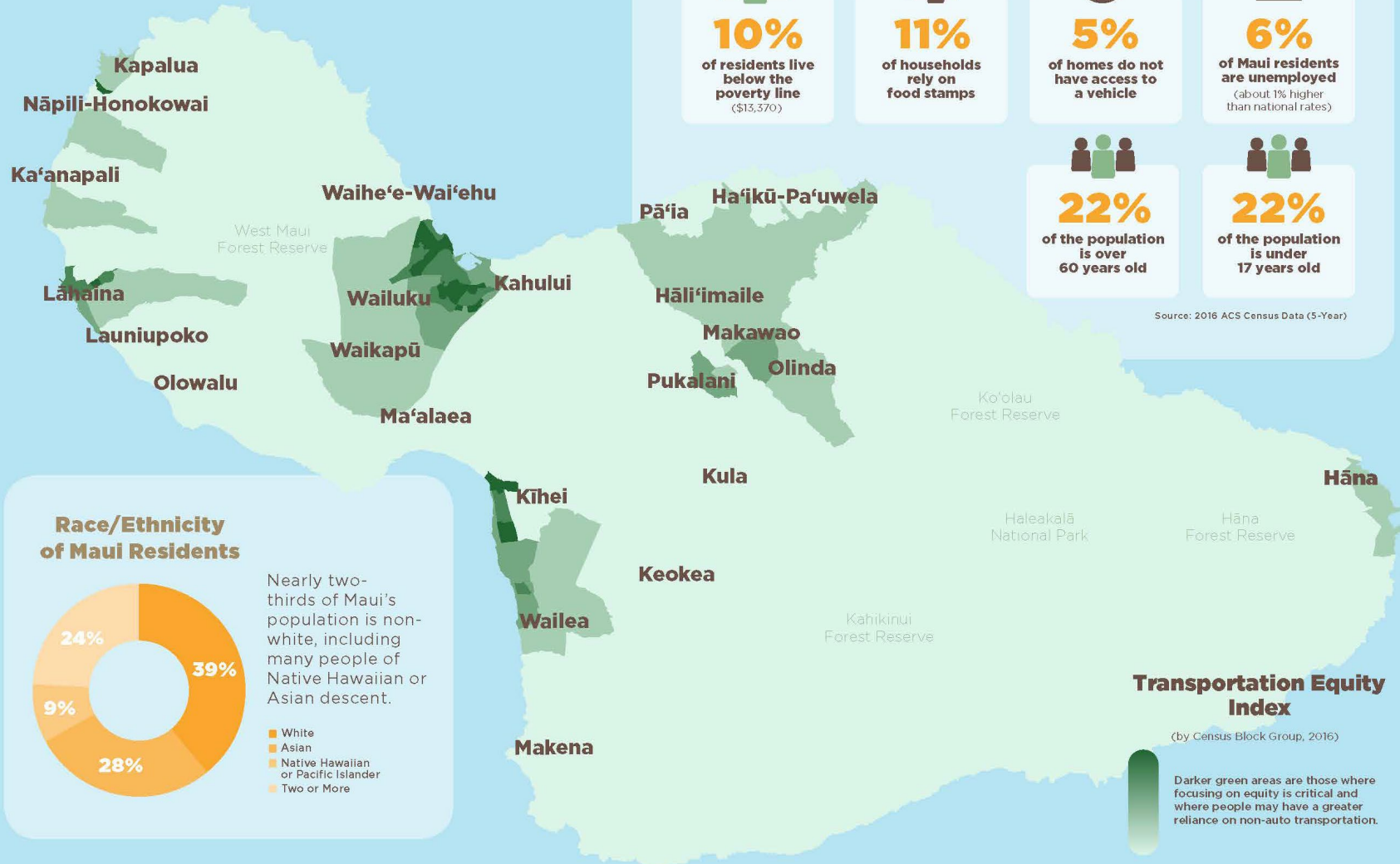


Focusing on Equity

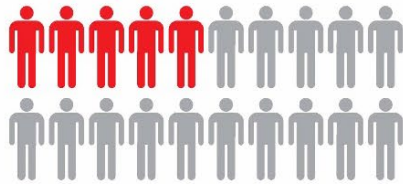
Equity is an important tool to analyze people's access to transportation and to plan future investments. Planning within an equity framework empowers decision-makers to invest in places where transportation projects and programs can support historically underrepresented communities that may have fewer transportation options.

Communities identified in darker shades of green may have a higher reliance on non-auto forms of transportation and are likely to benefit the most from multimodal investments in the transportation system.

The transportation equity index is based on combined densities of people below 200% of the federal poverty level, adults aged 65 and over, youth between the ages of 10 to 17, households without access to a vehicle, people with a disability, people with limited English proficiency, and people who self-identify as not white/Caucasian.

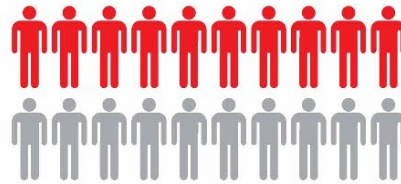


Slowing Down Saves Lives



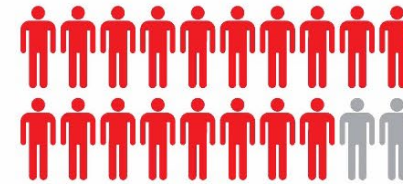
25%

**chance of pedestrian
fatality or severe injury**



50%

**chance of pedestrian
fatality or severe injury**



90%

**chance of pedestrian
fatality or severe injury**

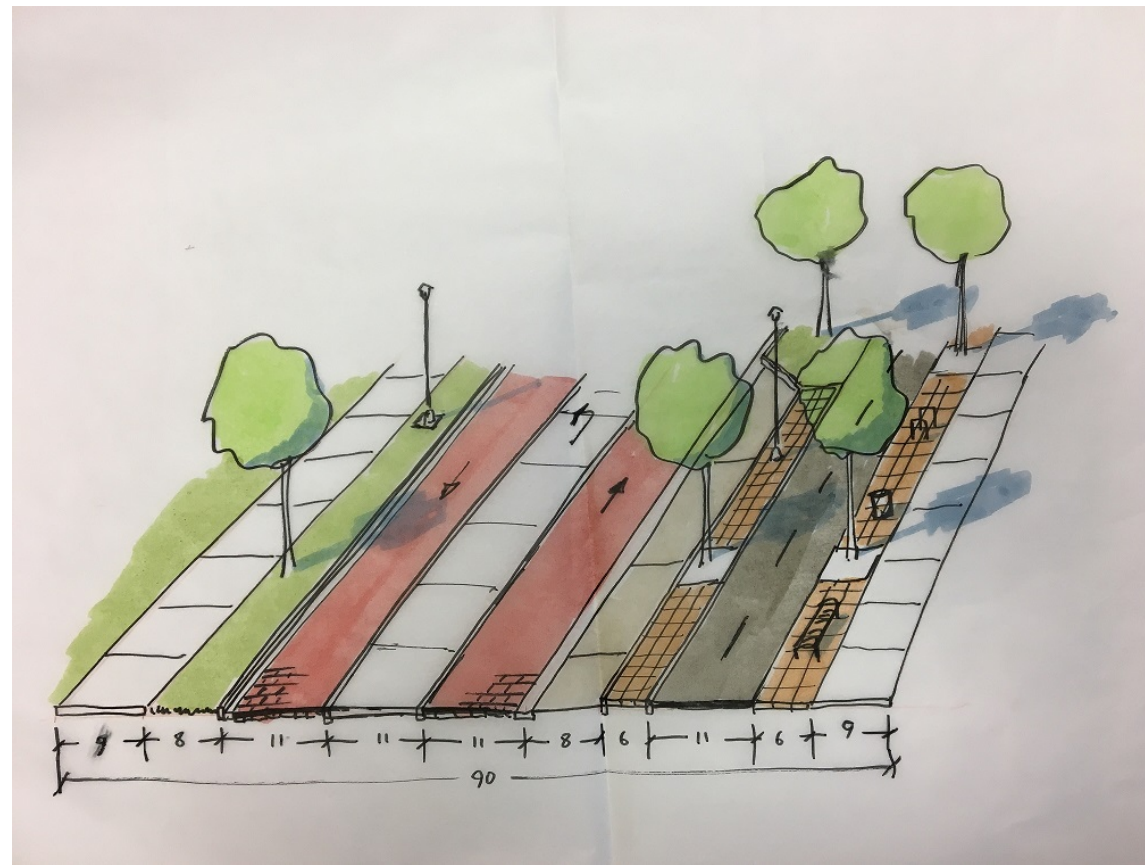
Data Source: Tofft, Brian, 'Impact speed and a pedestrian's risk of severe injury or death' (Accident Prevention Analysis, 2013)
Graphic Credit: Nelson\Nygaard



Solution: Protected Shoulders



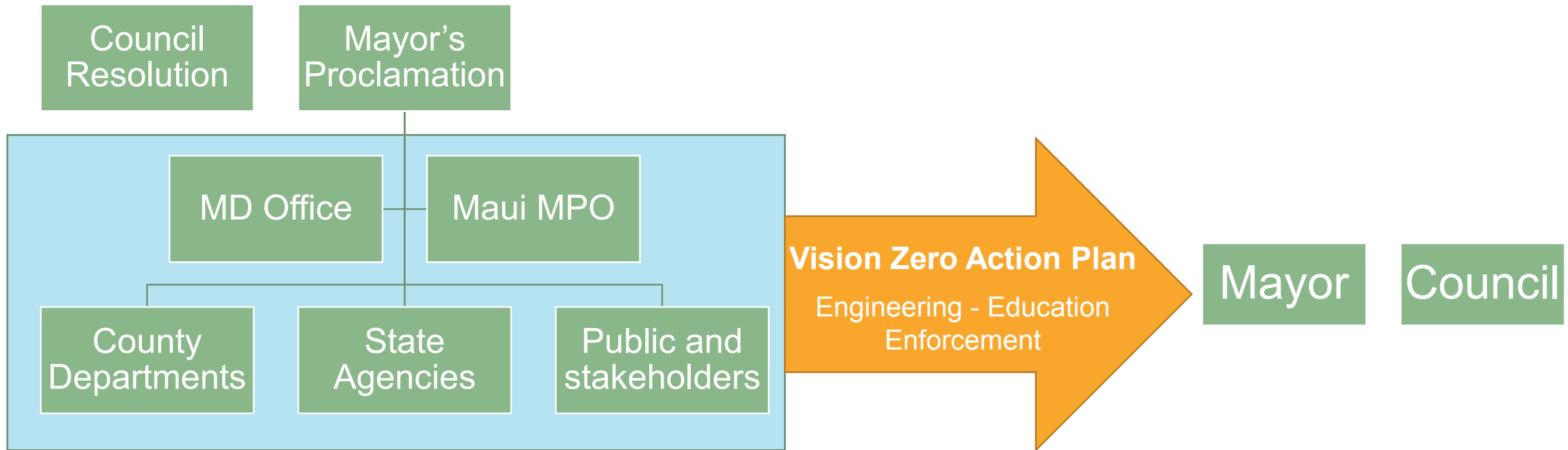
Solution: Complete Streets



Solution: Multiuse Paths



Vision Zero Task Force



Support Vision Zero for our kids!



Maui Metropolitan
Planning Organization

Lauren Armstrong
Executive Director, Maui MPO
lauren@mauimpo.org
270-8216