



Oahu Pedestrian Plan



Transportation, Sustainability, and Health Committee

March 1, 2022





The island-wide Oahu Pedestrian Plan is the City and County of Honolulu's first pedestrian master plan.



Highlights

- Pedestrian inventory
- High Pedestrian Injury Corridors and Intersections/Crossings
- Pedestrian Priority Network
- Walkways project list
- Infrastructure and non-infrastructure actions
- Projects underway



Plan Development

Community

- Community Meeting (April 2019)
- 5 Pop-Ups (2019)
- 1,300+ comments received online in two rounds (2018-2019, 2020)
- Public Draft (summer 2021) – 83 formal comments received

Government Departments

- DTS
- Complete Street City Departments
- Technical Advisory Committee – participation beyond CS Departments - City ADA Office, Honolulu Police Department, Office of Climate Change, Sustainability, and Resiliency, Oahu Metropolitan Planning Organization, Hawaii Department of Health, Hawaii Department of Transportation, Federal Highway Administration



Public Draft



O A H U PEDESTRIAN P L A N



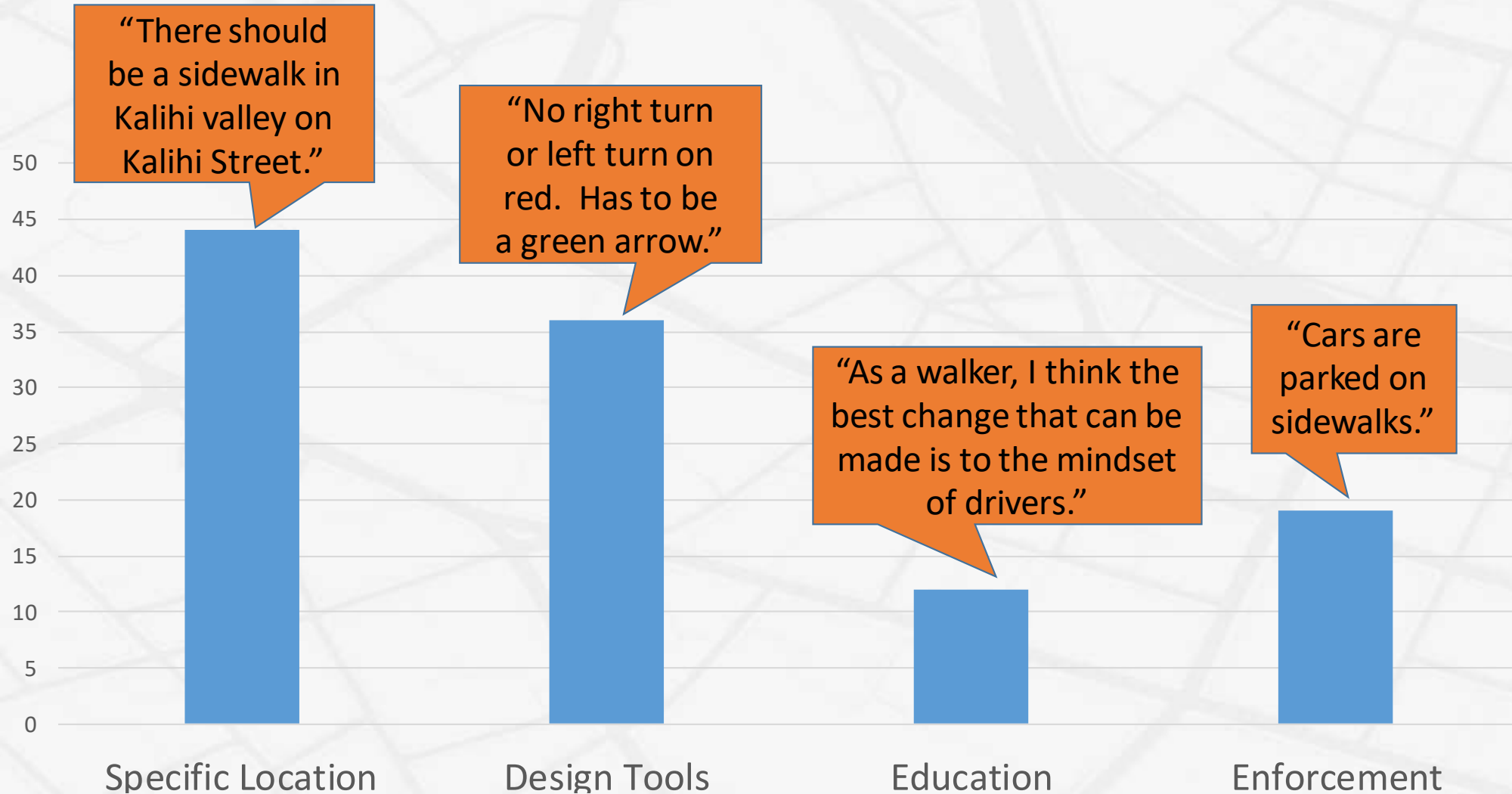
Department of Transportation Services
City and County of Honolulu



DRAFT
June 2021



Community Comments on Public Draft



Pedestrian Inventory (1,227 miles)

Unimproved/Missing: No sidewalk or curb present (may be gravel or landscaping)

Unimproved/Missing



<http://maps.google.com>

Missing wCurb: Curb present but no sidewalk (may be gravel or landscaping);

Missing wCurb (curb but no sidewalk)



<http://maps.google.com>

Goat Trail: Warn foot path in the shoulder indicates demand for sidewalks.

Goat Trail



<http://maps.google.com>

Marked Bike Lane and/or Shoulder

Area: No raised sidewalk or curb present; however, striped bike lane and/or shoulder is present in roadway

Marked Bike Lane and/or shoulder

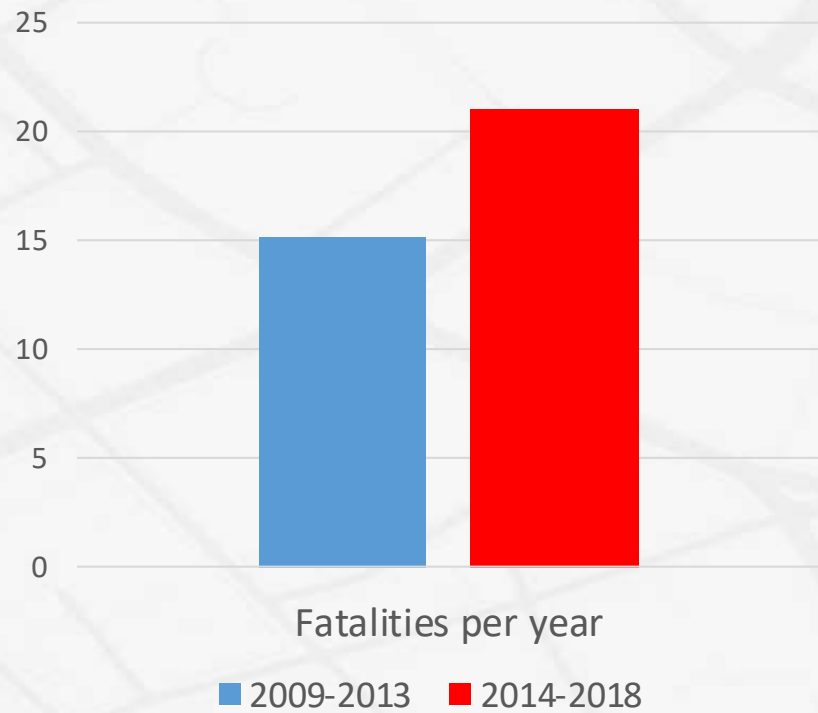


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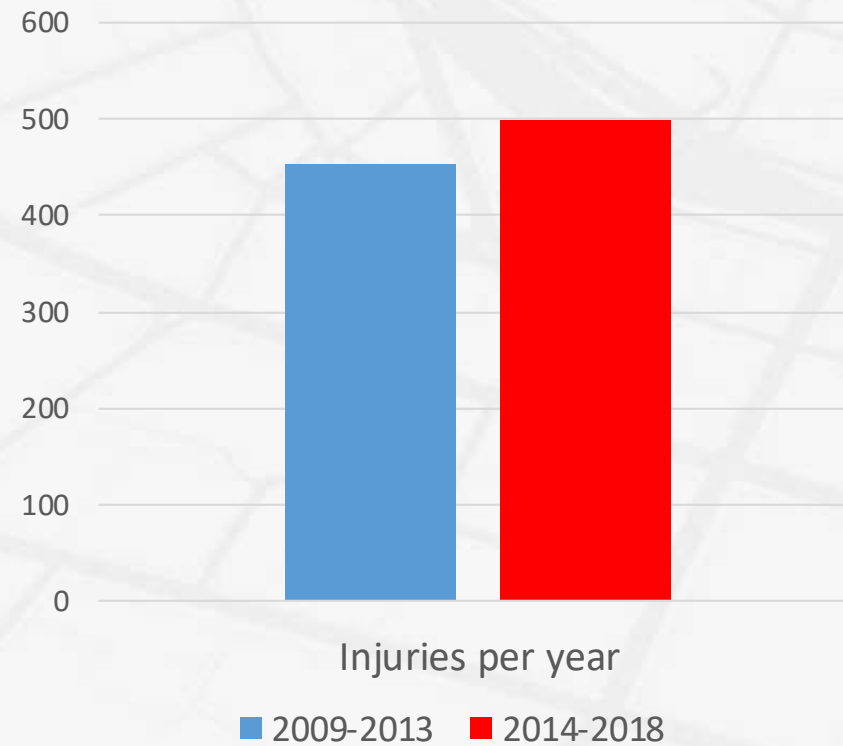


Safety

38% increase in pedestrian fatalities

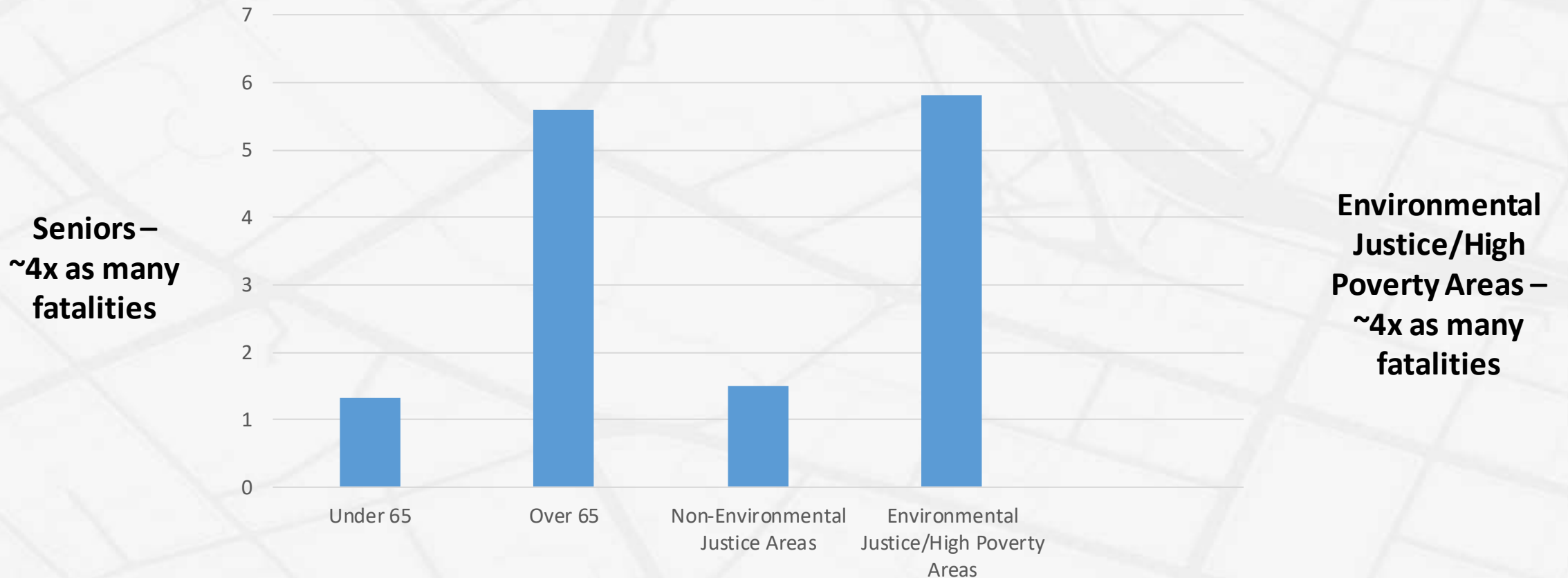


10% increase in pedestrian injuries



Safety

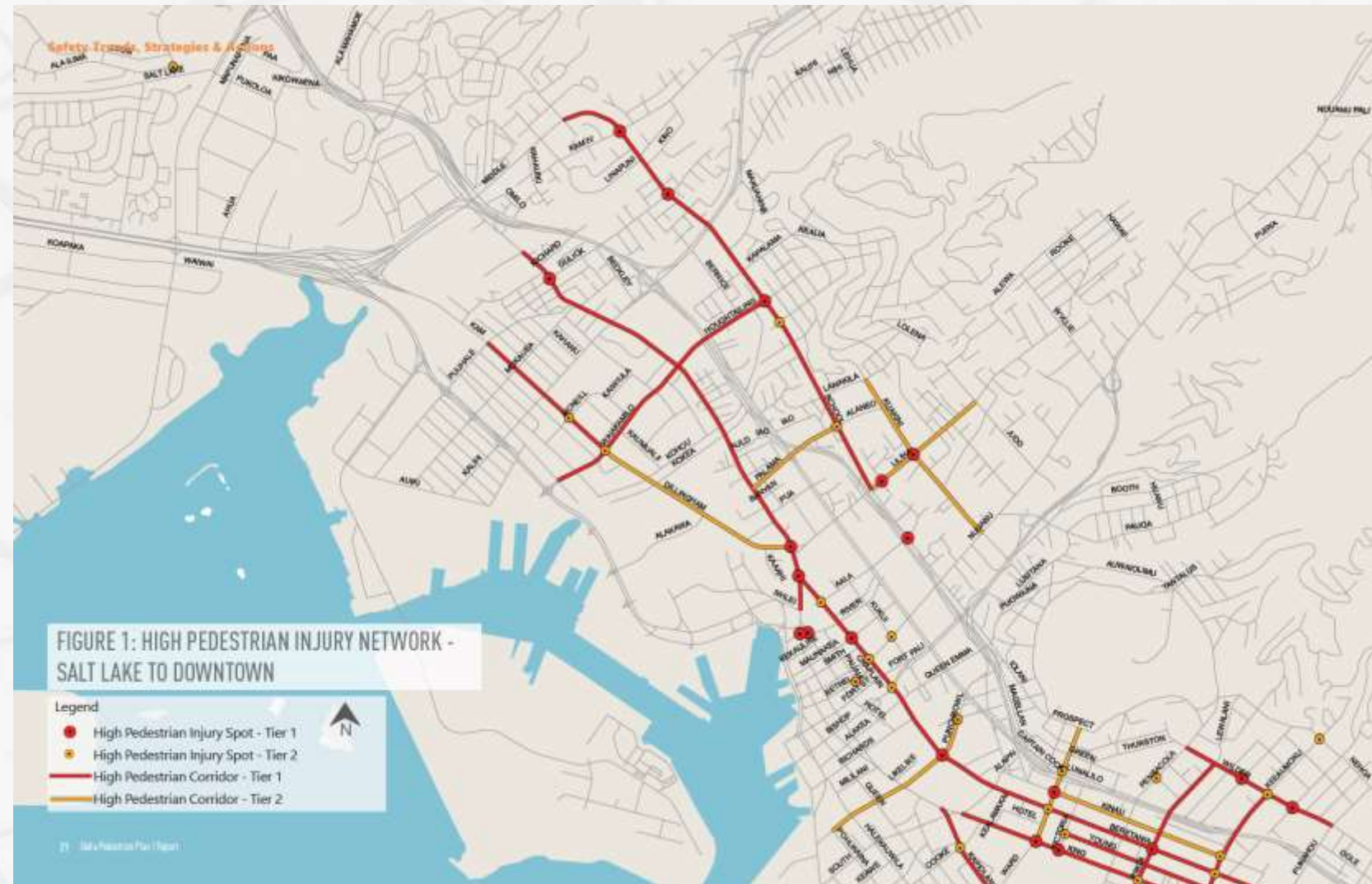
Annual Pedestrian Fatalities per 100,000



High Pedestrian Injury Locations

Comprehensive analysis of City streets identified **38 corridors** (~1 mile segments) and **107 intersections/crossings** with a concentration of safety issues

High Pedestrian Injury Corridors are 2% of City streets but account for 60% of fatalities and 42% of injuries

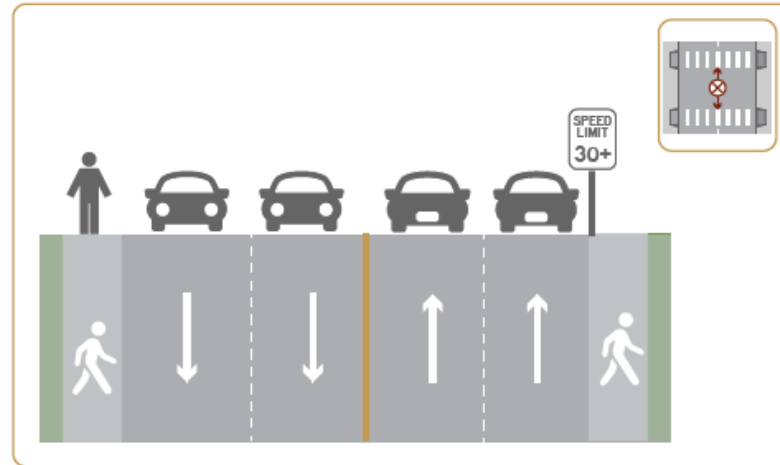


High Pedestrian Injury Common Characteristics

Corridors

Arterials with:

- 4 or more lanes
- Speed limits over 30 mph
- Lack of frequent well-designed crossings

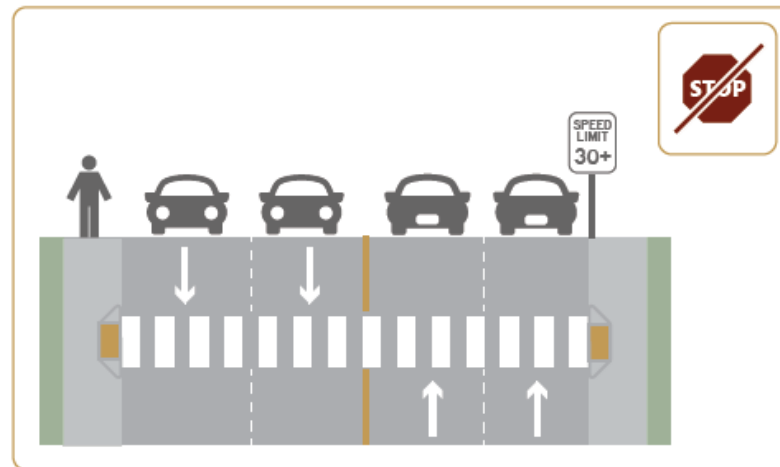


Corridor

Signalized Intersections

Arterials with:

- Wide crossings (most 4 or more lanes and many 6 or more lanes)
- Speed limits over 30 mph
- Turning vehicle conflicts
- Missing pedestrian crossing leg or channelized right turns

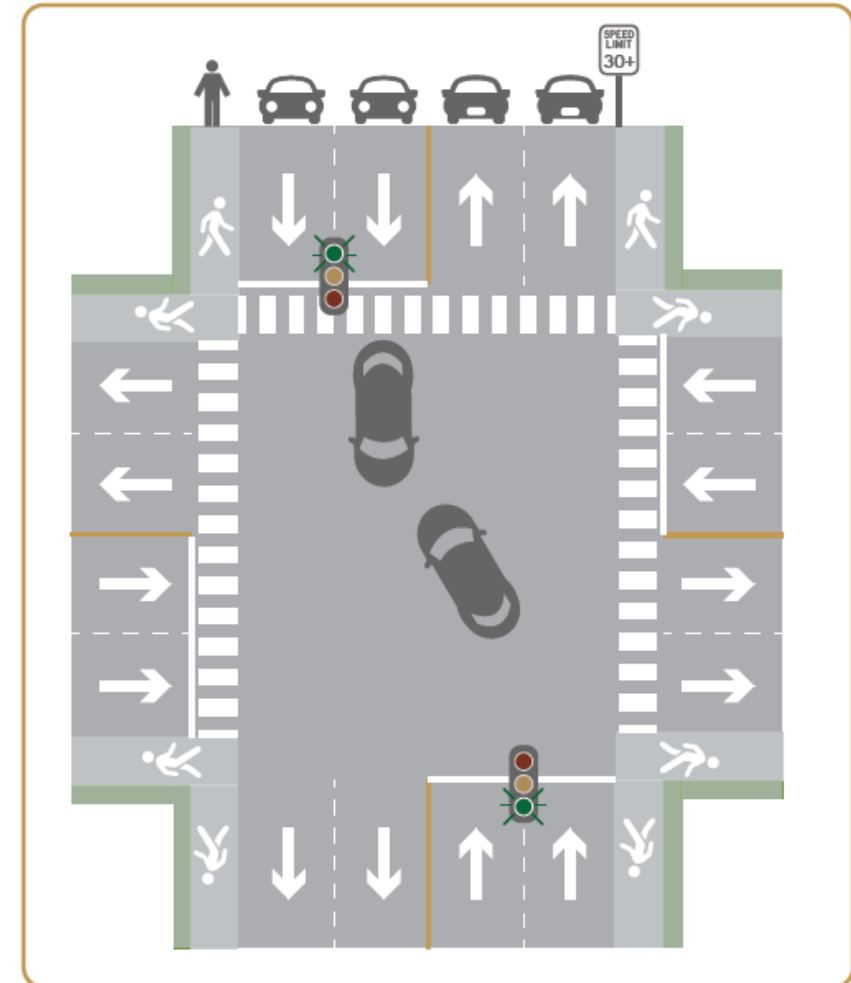


Uncontrolled Crossing

Uncontrolled Crossings

Wide crossings with:

- 4 or more lanes
- Marked crosswalks only
- Lack of medians, curb extensions, or other crossing enhancement



Signalized Intersection



Total Missing Walkways

\$2.6+
billion



Priority Missing Walkways (\$547M)

Major Streets



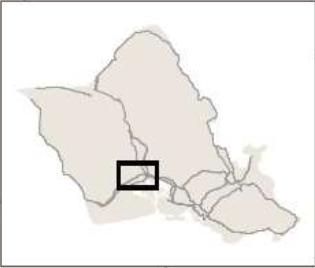
Date Street (Moiliili)

School Zones



Ihiihi Avenue (Whitmore Village)

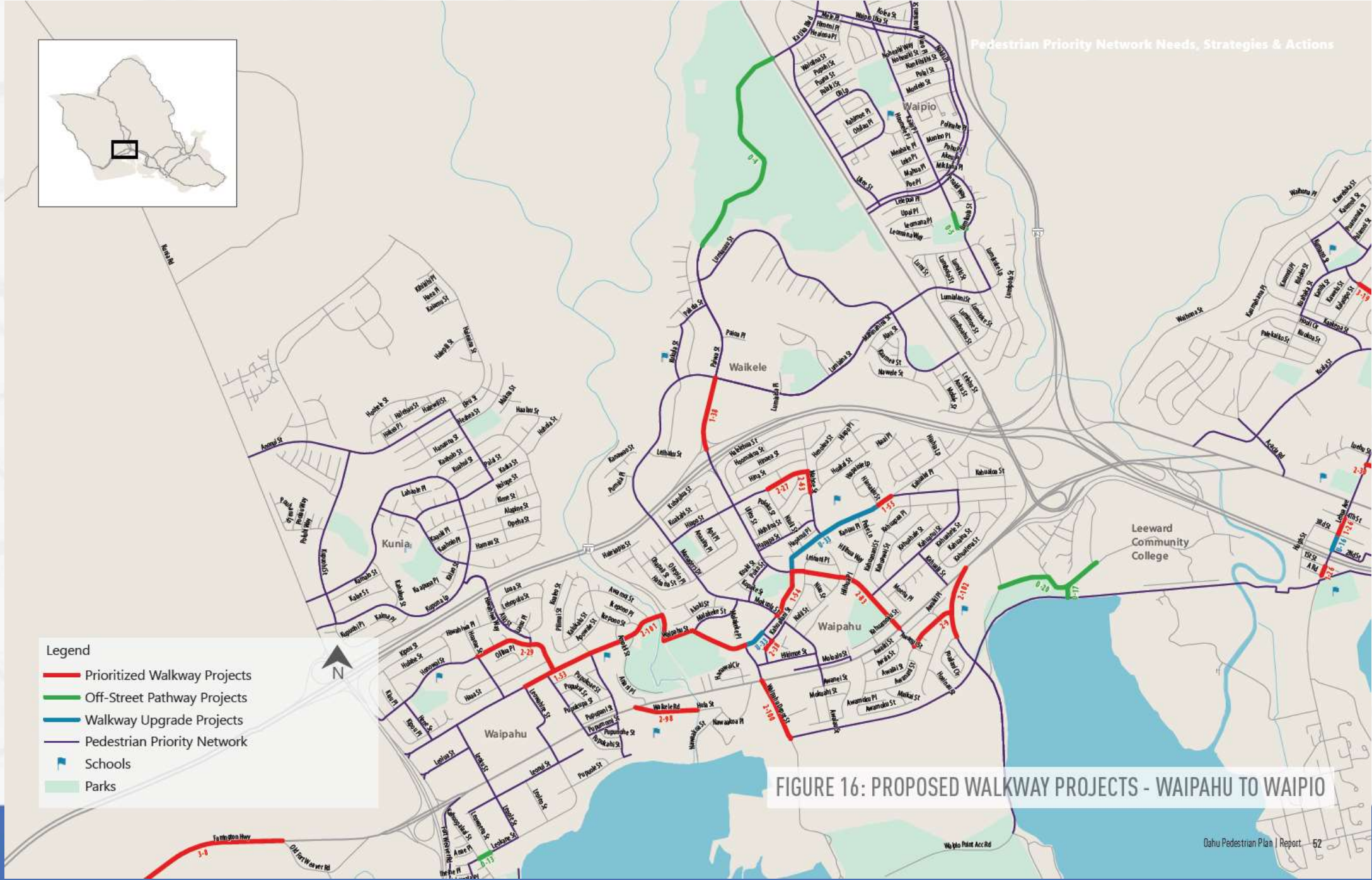




- Legend
- Prioritized Walkway Projects
 - Off-Street Pathway Projects
 - Walkway Upgrade Projects
 - Pedestrian Priority Network
 - Schools
 - Parks



FIGURE 16: PROPOSED WALKWAY PROJECTS - WAIPAHU TO WAIPIO



Infrastructure & Non-Infrastructure Actions

- Infrastructure Actions

- 11 Safety
- 11 Pedestrian Priority Network

- Non-Infrastructure Actions

- 6 Education
- 3 Encouragement
- 11 Enforcement

Example Actions

- 20 mph Speed Limits
- Construct prioritized walkways
- Safe Routes to School Education
- Transportation Demand Management
- Focus on most harmful driving behaviors



Projects Underway

High Pedestrian Injury projects
7 corridors and 25 intersections/crossings



North School Street/Aupuni Street (Kalihi)

Walkway projects
29 new or upgrade walkways



Goodale Avenue (Waialua)



Next Steps

- Revising to address comments
- Final Plan in spring 2022

www.honolulu.gov/completestreets/pedplan

