Pedestrian Safety in Communities Bisected by Highways

Photo Credit:
Guillermo Narvaez

Ian Thomas (America Walks)
William Barnes (Red is the Road to Wellness)

2022 Tribal Motor Vehicle Safety Summit

Workshop Objectives

During this workshop, participants will:

1. Identify problems associated with speeding traffic in their communities
2. Learn how to conduct a Walkability Audit and Pedestrian Safety Assessment
3. Create a plan for making their communities safe and walkable

Workshop Outline

Stories from Klamath Tribal Members

Introductions by Workshop Participants

It's Safety or Speed – You Cannot Have Both

Walkability Audit and Pedestrian Safety Assessment

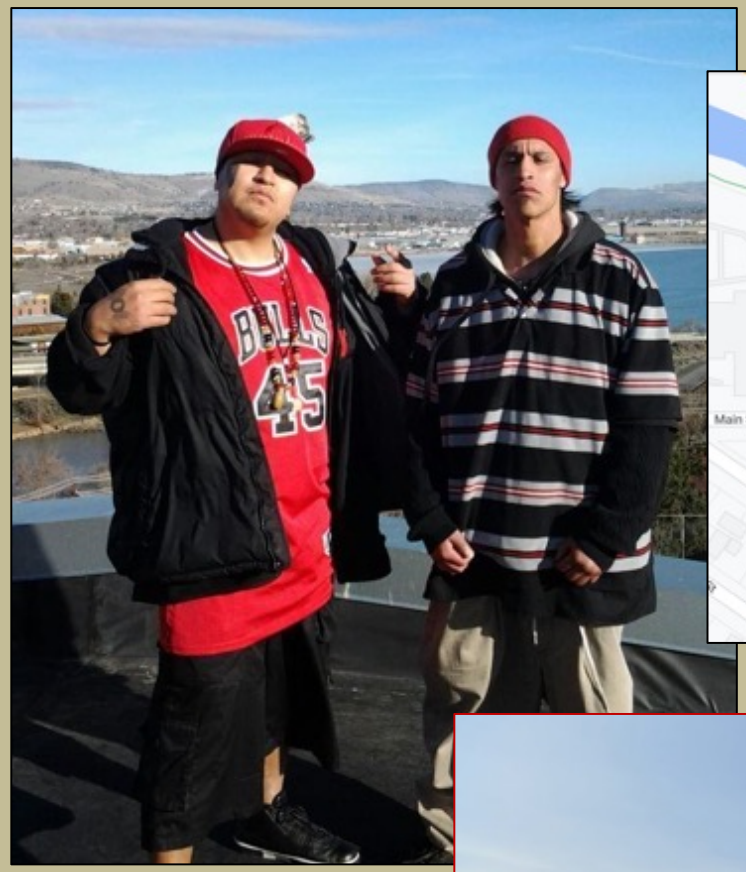
Planning Activity

The Klamath Tribes

Collier Park (Chiloquin, OR)

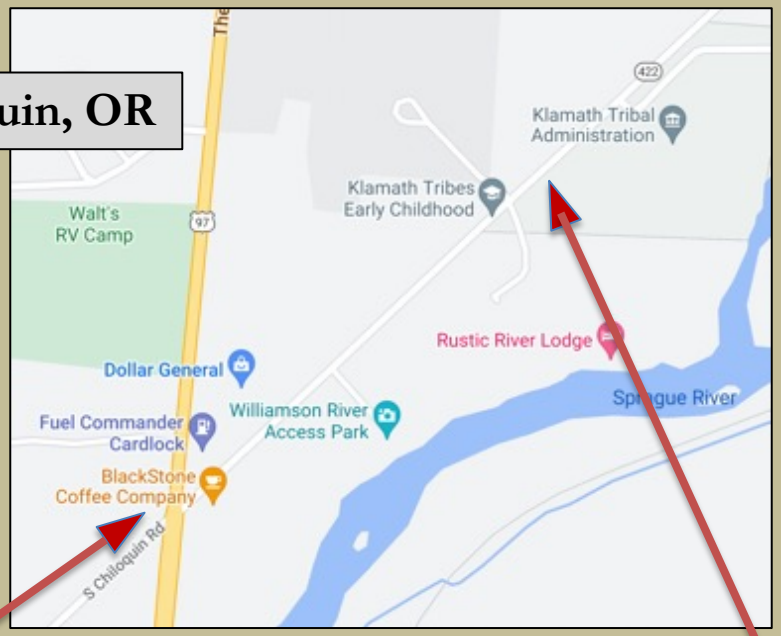
Concept for Walking Trail

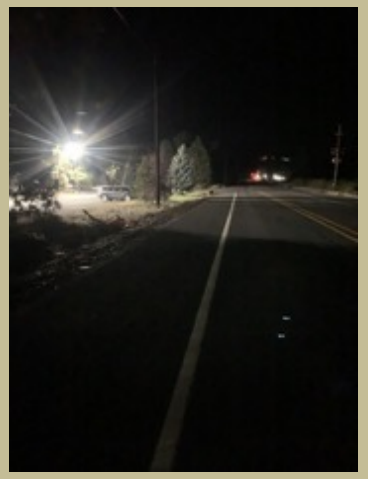
Ruben “Rooch” S.



Miss A.J. (mother) and Mrs. V. (tribal elder)

Chiloquin, OR





Streetlights

Roundabouts

Introductions

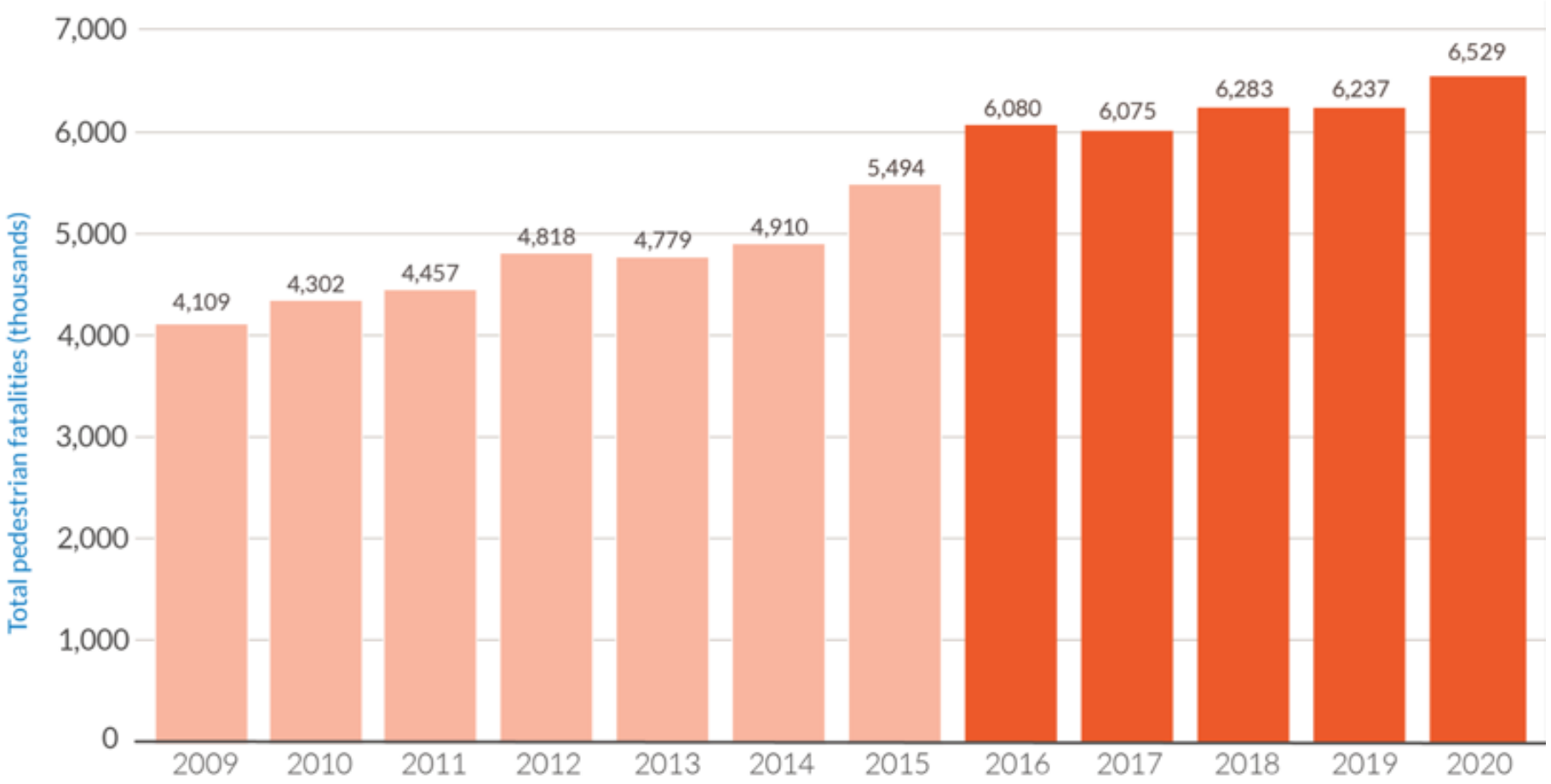
Name

Community

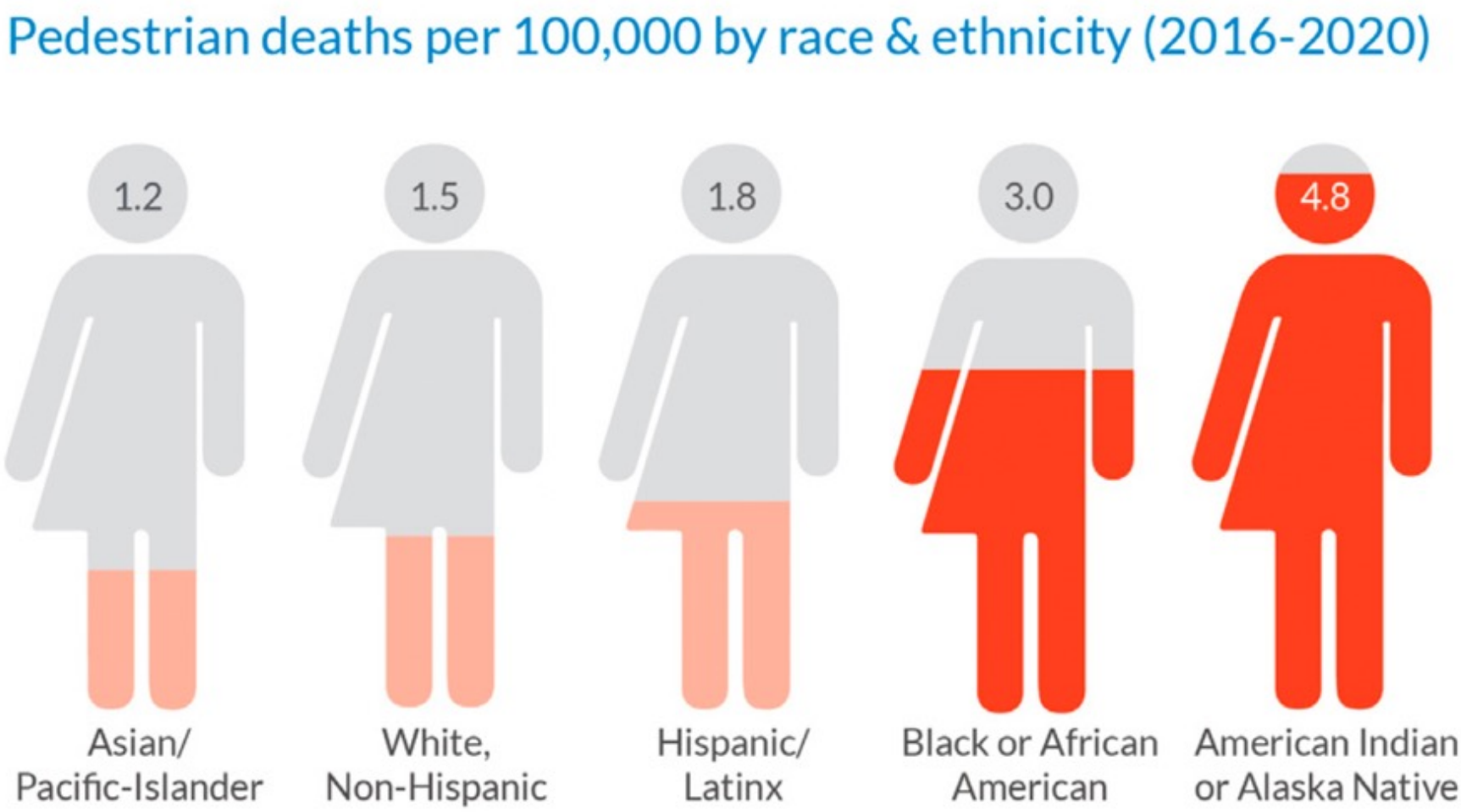
Speeding Concerns

Social Impacts

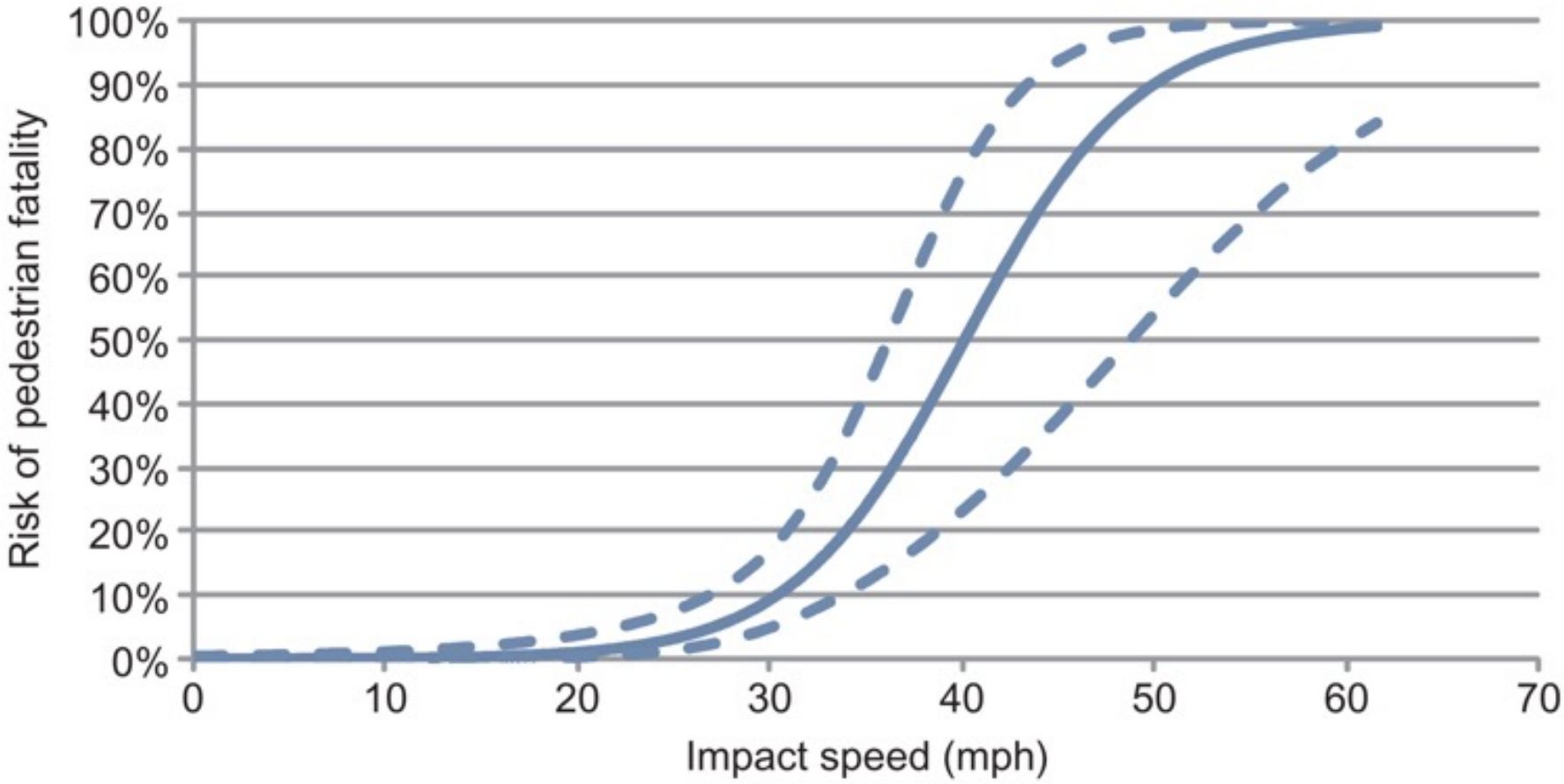
Pedestrian Fatalities in the U.S.



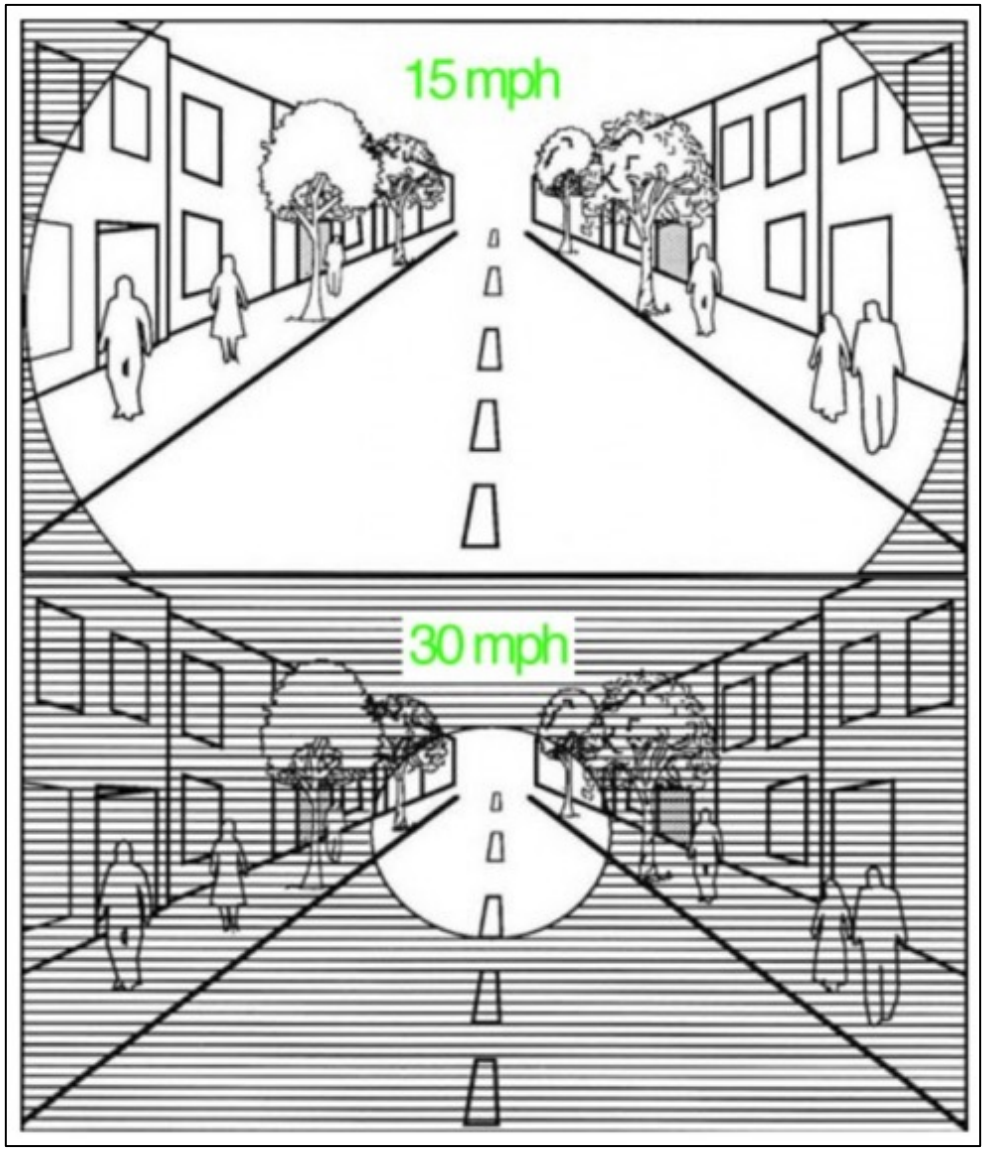
Pedestrian Fatalities by Race/Ethnicity



Pedestrian Fatalities by Vehicle Speed



Effect of Speed on Visual Field



Road Designs that Encourage Speeding

High-Speed Roads without Sidewalks

Photo Credit:
Michael Blankenship

Photo Credit:
Guillermo Narvaez

Wide roads without Pedestrian Crossings

Photo Credit:
Guillermo Narvaez

Photo Credit:
Smart Growth America

Photo Credit:
Dan Burden

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Dan Burden

Materials for “Pop-Up” Projects

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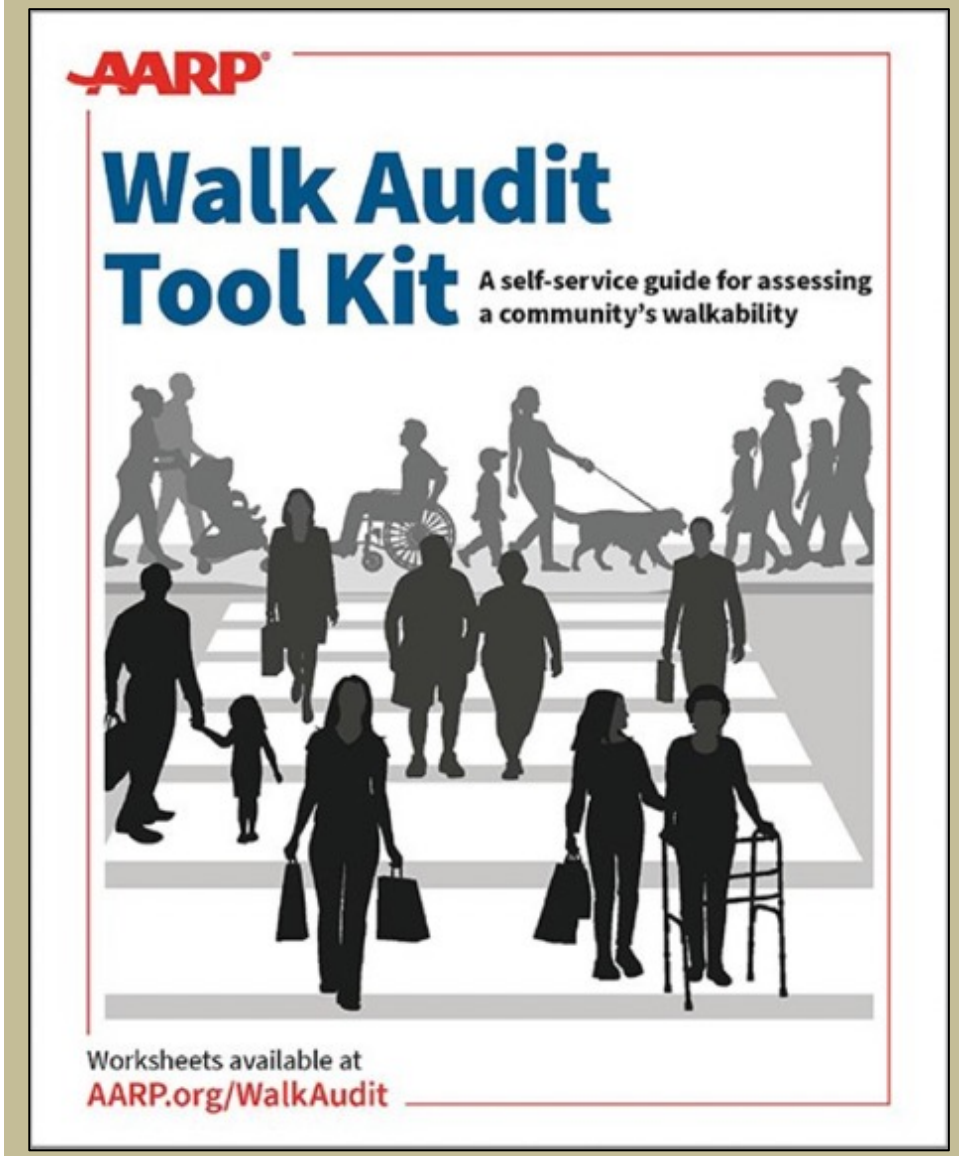
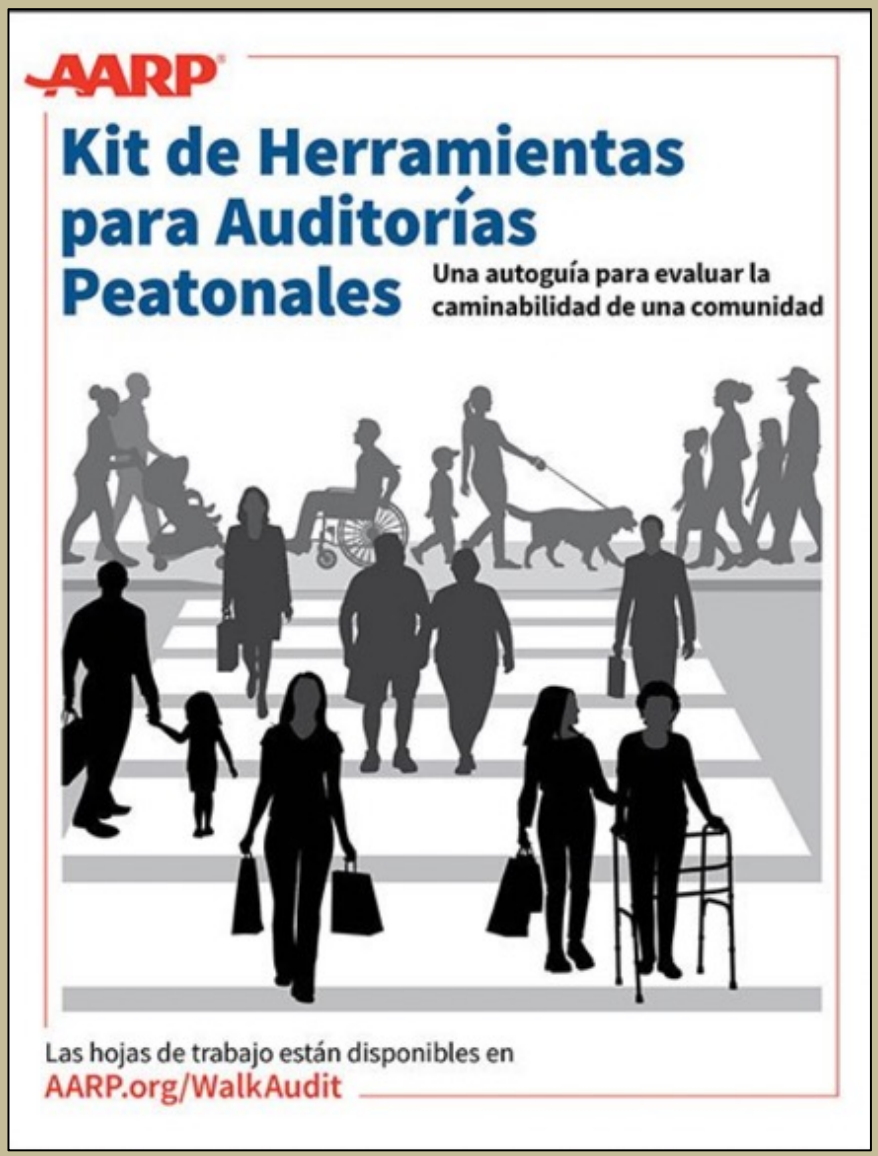
Examples of "Pop-Up" Projects

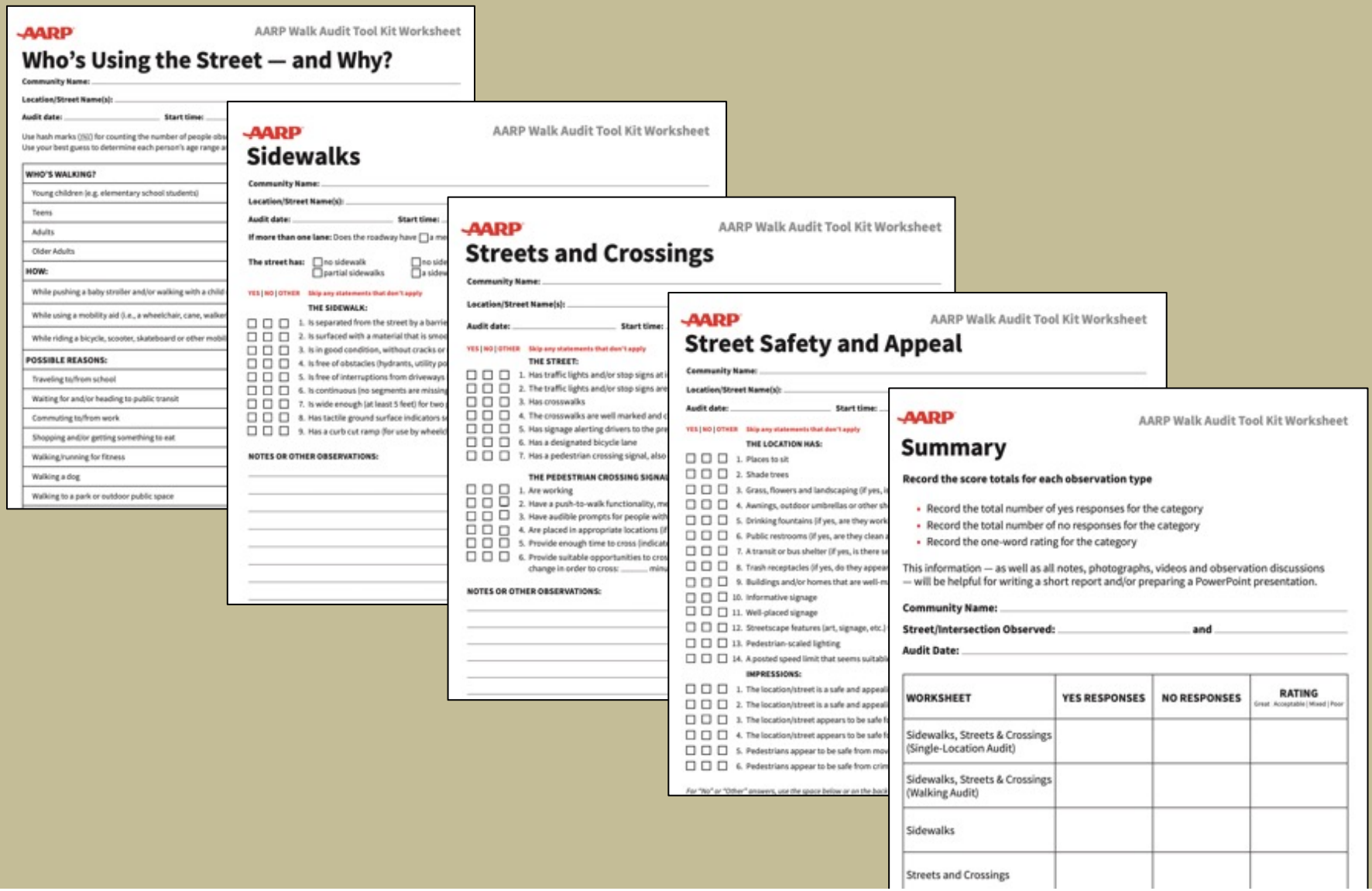
Examples of “Pop-Up” Projects

Walkability Audit and Pedestrian Safety Assessment





Walkability Audit and Pedestrian Safety Assessment



AARP Walk Audit Tool Kit Worksheet

Who's Using the Street — and Why?

Community Name:

Location/Street Name(s):

Audit date: Start time:

Use hash marks (//) for counting the number of people obs
Use your best guess to determine each person's age range a

WHO'S WALKING?
Young children (e.g. elementary school students)
Teens
Adults
Older Adults
HOW:
While pushing a baby stroller and/or walking with a child
While using a mobility aid (i.e., a wheelchair, cane, walker
While riding a bicycle, scooter, skateboard or other mobil
POSSIBLE REASONS:
Traveling to/from school
Waiting for and/or heading to public transit
Commuting to/from work
Shopping and/or getting something to eat
Walking/running for fitness
Walking a dog
Walking to a park or outdoor public space

AARP Walk Audit Tool Kit Worksheet

Sidewalks

Community Name:

Location/Street Name(s):

Audit date: Start time:

If more than one lane: Does the roadway have ☐ a me

The street has: ☐ no sidewalk ☐ partial sidewalks ☐ no side ☐ a sidew

YES | NO | OTHER Skip any statements that don't apply

THE SIDEWALK:

1. Is separated from the street by a barrie
2. Is surfaced with a material that is smoo
3. Is in good condition, without cracks or
4. Is free of obstacles (hydrants, utility po
5. Is free of interruptions from driveways
6. Is continuous (no segments are missing
7. Is wide enough (at least 5 feet) for two
8. Has tactile ground surface indicators
9. Has a curb cut ramp (for use by wheelc

NOTES OR OTHER OBSERVATIONS:

AARP Walk Audit Tool Kit Worksheet

Streets and Crossings

Community Name:

Location/Street Name(s):

Audit date: Start time:

YES | NO | OTHER Skip any statements that don't apply

THE STREET:

1. Has traffic lights and/or stop signs at i
2. The traffic lights and/or stop signs are
3. Has crosswalks
4. The crosswalks are well marked and c
5. Has signage alerting drivers to the pre
6. Has a designated bicycle lane
7. Has a pedestrian crossing signal, also

THE PEDESTRIAN CROSSING SIGNAL

1. Are working
2. Have a push-to-walk functionality, m
3. Have audible prompts for people with
4. Are placed in appropriate locations (if
5. Provide enough time to cross (indicat
6. Provide suitable opportunities to cros change in order to cross: ____ minu

NOTES OR OTHER OBSERVATIONS:

AARP Walk Audit Tool Kit Worksheet

Street Safety and Appeal

Community Name:

Location/Street Name(s):

Audit date: Start time:

YES | NO | OTHER Skip any statements that don't apply

THE LOCATION HAS:

1. Places to sit
2. Shade trees
3. Grass, flowers and landscaping (if yes, i
4. Awnings, outdoor umbrellas or other sh
5. Drinking fountains (if yes, are they work
6. Public restrooms (if yes, are they clean
7. A transit or bus shelter (if yes, is there s
8. Trash receptacles (if yes, do they appear
9. Buildings and/or homes that are well-m
10. Informative signage
11. Well-placed signage
12. Streetscape features (art, signage, etc.)
13. Pedestrian-scaled lighting
14. A posted speed limit that seems suitabl

IMPRESSIONS:

1. The location/street is a safe and appeali
2. The location/street is a safe and appeali
3. The location/street appears to be safe f
4. The location/street appears to be safe f
5. Pedestrians appear to be safe from mov
6. Pedestrians appear to be safe from crim

For "No" or "Other" answers, use the space below or on the back

AARP Walk Audit Tool Kit Worksheet

Summary

Record the score totals for each observation type

- Record the total number of yes responses for the category
- Record the total number of no responses for the category
- Record the one-word rating for the category

This information — as well as all notes, photographs, videos and observation discussions — will be helpful for writing a short report and/or preparing a PowerPoint presentation.

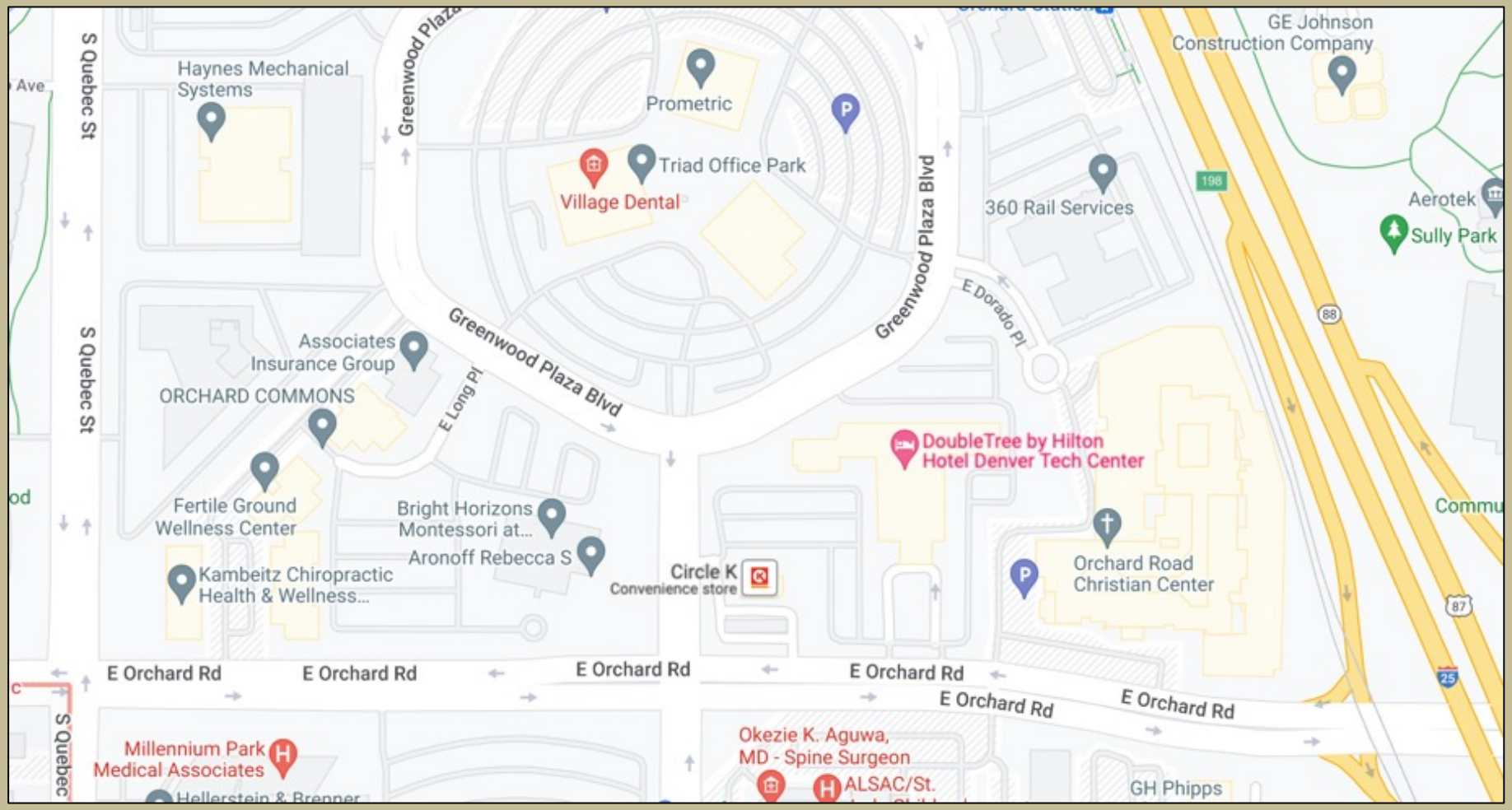
Community Name:

Street/Intersection Observed: **and**

Audit Date:

WORKSHEET	YES RESPONSES	NO RESPONSES	RATING Great | Acceptable | Mixed | Poor
Sidewalks, Streets & Crossings (Single-Location Audit)			
Sidewalks, Streets & Crossings (Walking Audit)			
Sidewalks			
Streets and Crossings			

Walkability Audit and Pedestrian Safety Assessment



Planning Activity

1. Impressions from Walk Audit?
2. Specific Location in Your Community?
3. Ideas for Slowing Traffic?
4. First Steps?

Photo Credit:
Guillermo Narvaez

Photo Credit:
Michael Blankenship

Virtual Policy Round Table on

TRIBAL PEDESTRIAN SAFETY

Wednesday, December 7th

10:00 am – 12:30 pm Pacific

1:00 – 3:30 pm Eastern

Photo Credit:
Smart Growth America