



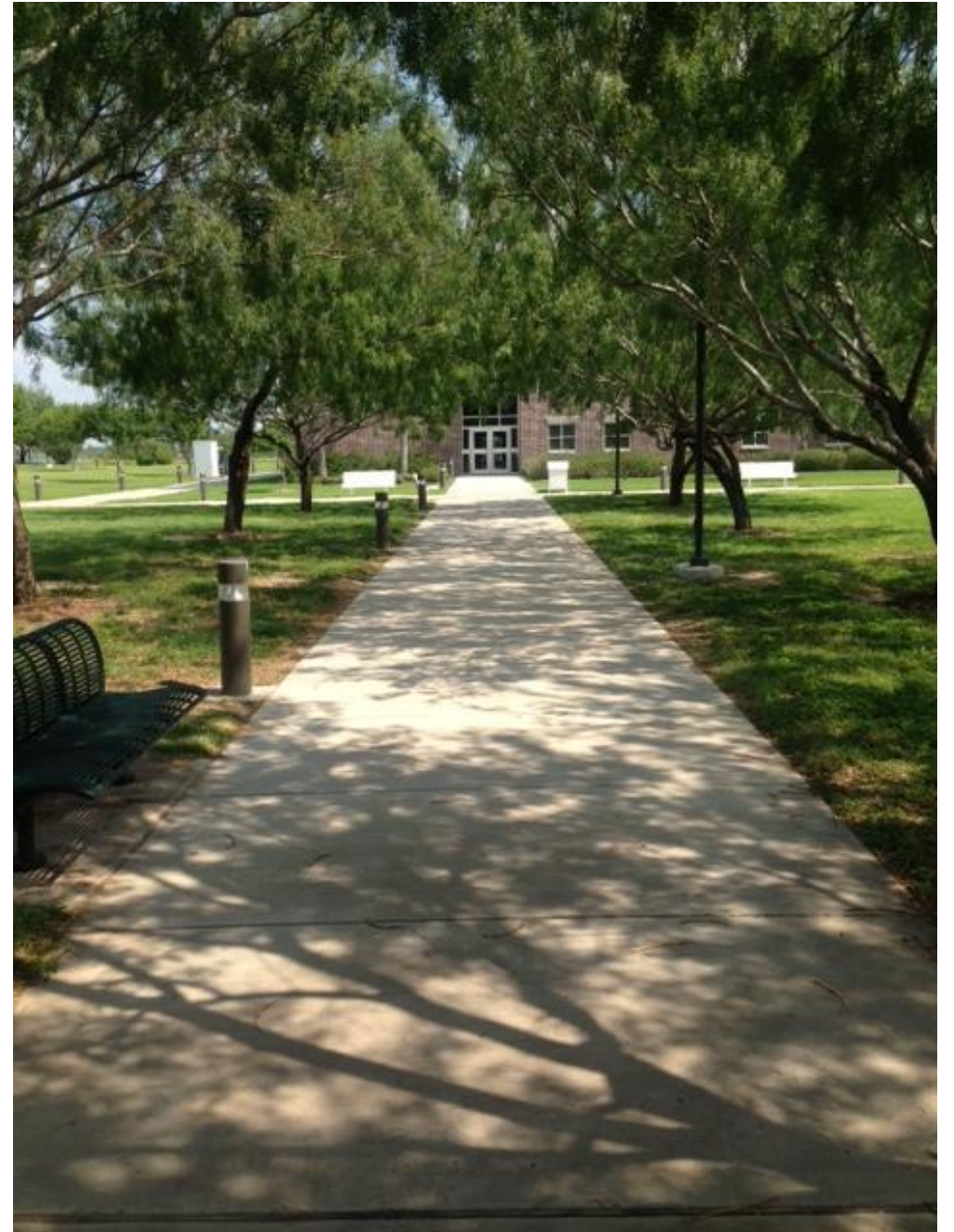
**Yes, we can walk this way...**

# Frist, why are you here?





# Why Walkability...



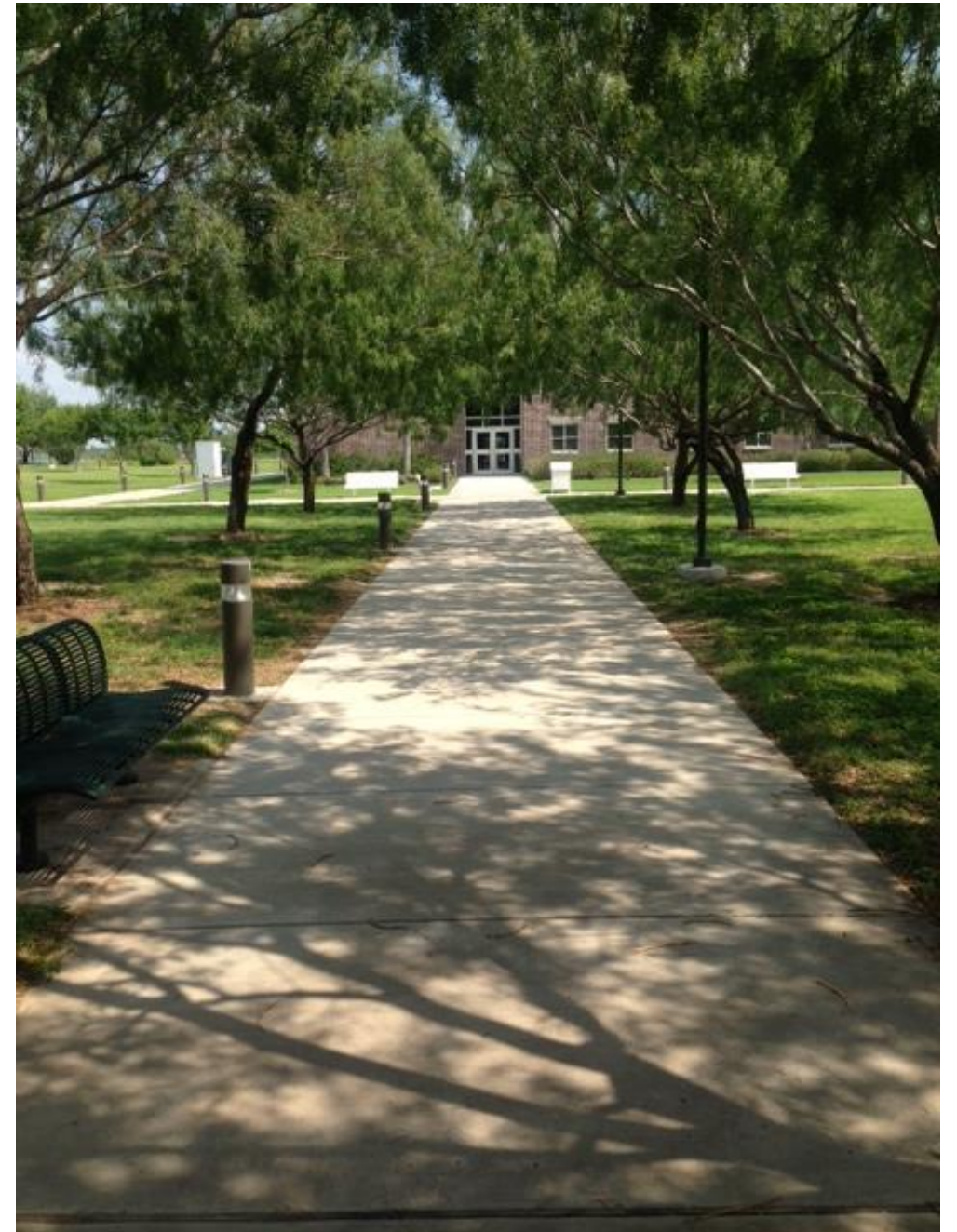


# Why Walkability...





# Why Walkability...





# Nation's mayors launch groundbreaking 10-minute walk to a park campaign

Leaders from 134 cities back The Trust for Public Land, National Recreation and Park Association, and Urban Land Institute's 10-minute walk to a park campaign



Parks on the clock: why we believe in the 10-minute<sup>®</sup> walk

by The Trust for Public Land

*“About 40% of the United States has a park within a 10-minute radius of their house but many of these people are unable or uninterested in walking to their park **due to lack of walking infrastructure and connectivity,** perceived or actual crime and violence in the neighborhood, and/or park amenities and design.”*



# Five Essential Elements to Safe Routes to Parks

When people can safely walk to parks, it provides more opportunity for physical activity and greater access to open space.



## Safety

Safety elements (e.g., lighting, traffic) must be included for pedestrian routes.



## Convenience

Walking routes to parks should be no longer than a 10-minute walk.



## Access & Design

Proper design, signage, ADA compliance, and multiple entry points benefit all users.



## Conditions

Sidewalks and trails should be inviting, comfortable, and safe for all users.



## The Park

Facilities, amenities and programs at the park should reflect the needs of the community.



[www.nrpa.org/Walking](http://www.nrpa.org/Walking)

©2016 National Recreation and Park Association







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## 1. Good Sidewalks



Photo: K. Ferrier

The basic design of a good sidewalk should include:

- **Pedestrian Zone:** wide, level sidewalks in good condition where pedestrians can walk and wheelchairs can roll
- **Parkway or Buffer Zone:** allows for vegetation and/or street furniture and buffers pedestrians from vehicles
- **Curb Zone:** border between the street and sidewalk with ramps for disabled and others to access sidewalk

## Walkability Guide

### Do You Enjoy Walking In Your Community?

Use this guide to learn more about walkability and how you can make your community safer to walk



## 2. Safe & Easy Street Crossings

Street crossings should be available every 300 feet (about half the length of a block) and should include:

- **Painted or Decorative Crosswalk:** makes crosswalk easier to see
- **Stop Bar:** painted line that stops cars before entering the crosswalk
- **Curb Extension/Bulb-out:** reduces pedestrian crossing distance; makes pedestrians more visible to drivers
- **Median/Island:** provides a halfway refuge point that allows pedestrians to cross safely



## 3. Traffic Calming



Photo: D. Pessmore

Street improvements can slow vehicle speeds, increase pedestrian safety, and allow for smooth traffic flow:

- **Curb Extension/Bulb-out:** slows the speed of turning vehicles
- **Road Diet:** slows traffic by reducing number of lanes and lane widths
- **Other:** roundabout, median, pedestrian island, and diagonal parking

## 4. Safety, Comfort & Beauty

Street enhancements make walking feel safer, more comfortable and more inviting:

- **Pedestrian Lighting**
- **Landscaping & Trees**
- **Clean & Well-maintained Sidewalks**
- **Amenities:** such as drinking fountains, bathrooms, and benches
- **Public Art**



## 5. Great Destinations



Photo: SANDAG

A community is more vibrant and desirable if it has great walking destinations, like:

- **Shopping:** stores, markets, restaurants, etc.
- **Services:** clinics, post office, bank, etc.
- **Transportation:** trolley, bus stop, train
- **Recreation:** parks, gardens, etc.



# Walking Audit

Experience & discussion  
with note taker

Simple check list  
([www.pedbikeinfo.org](http://www.pedbikeinfo.org))



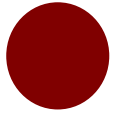
Detailed checklist

([www.michiganfitness.org/promoting-active-communities](http://www.michiganfitness.org/promoting-active-communities))

Full scale audit







# Walking Audit



Experience the real walks to real places

Plan teachable moments (good & bad)

Use diverse segments during the walk

Consider all perspectives (young, old,...)

Include people w/ various backgrounds

Discuss or measure “walkability”

**BE CAREFUL**

Adapted from Mark Fenton



## Walking Audit ... very Simple Example

Thinking of different age, culture, and ability users...

Based on this segment:

How would you rank the *Walkability*  
on a 1 – 10 scale

1 being not at all and 10 being very *Walkable*

Give them a few seconds to think.

Scan for rankings...

What made it a 1? (ask each entire group)

What made it a 10? (or highest number)

Other comments...


Adapted from Mark Fenton

Repeat at next segment...





YOU  
ARE  
HERE



Identify  
3  
meaningful  
components of a  
walk audit

## Debrief...

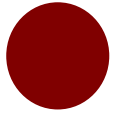
(-)

lights  
lack of side walks  
no signage  
no crosswalks  
no edges (grass / road bend)  
lack of speed  
lack of speed limit control  
gateways

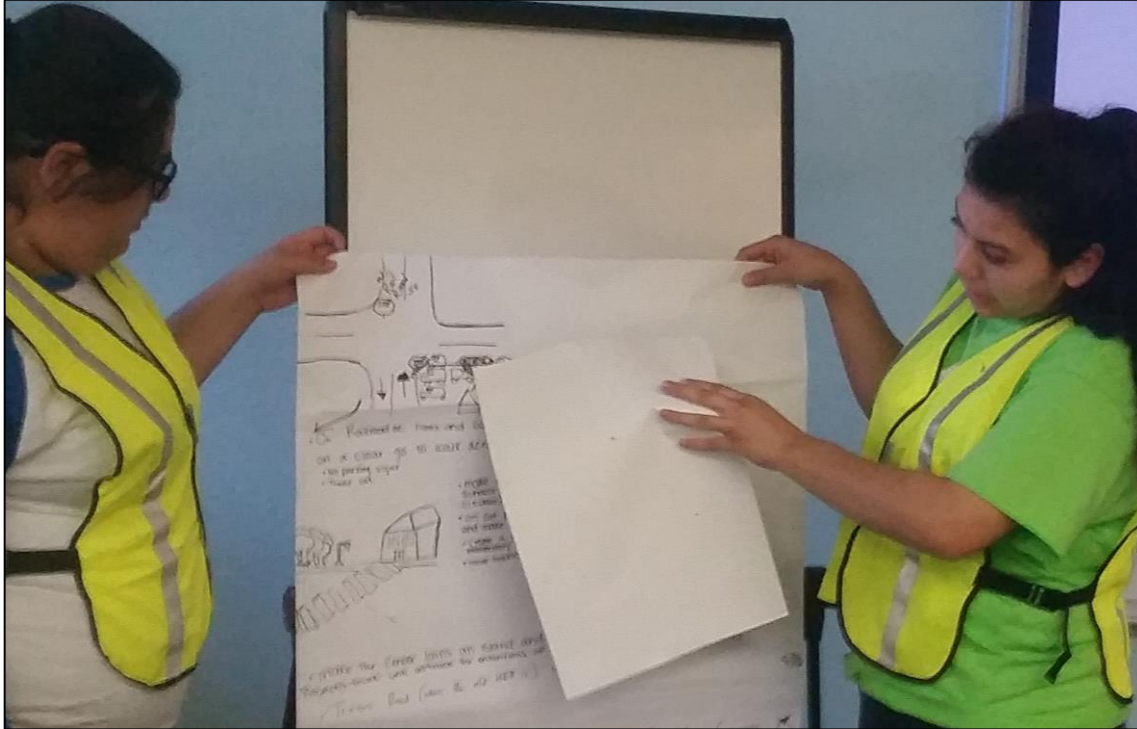
(+)

Lions Park beautiful / quiet  
1st section no / low traffic  
BB- entrance  
Nat. Park entrance  
wide shoulder





## 3 Ps to Moving Forward



Programs (build awareness & support)

Projects (improvements)

Policies (add ordinance or practice)

Adapted from Mark Fenton

# WHAT IS A QUICK-BUILD PROJECT?



Idea Generation



DEMONSTRATION



PILOT PROJECT



INTERIM DESIGN



PERMANENT INSTALLATION

Quick builds for better streets: a new project delivery model for U.S. cities

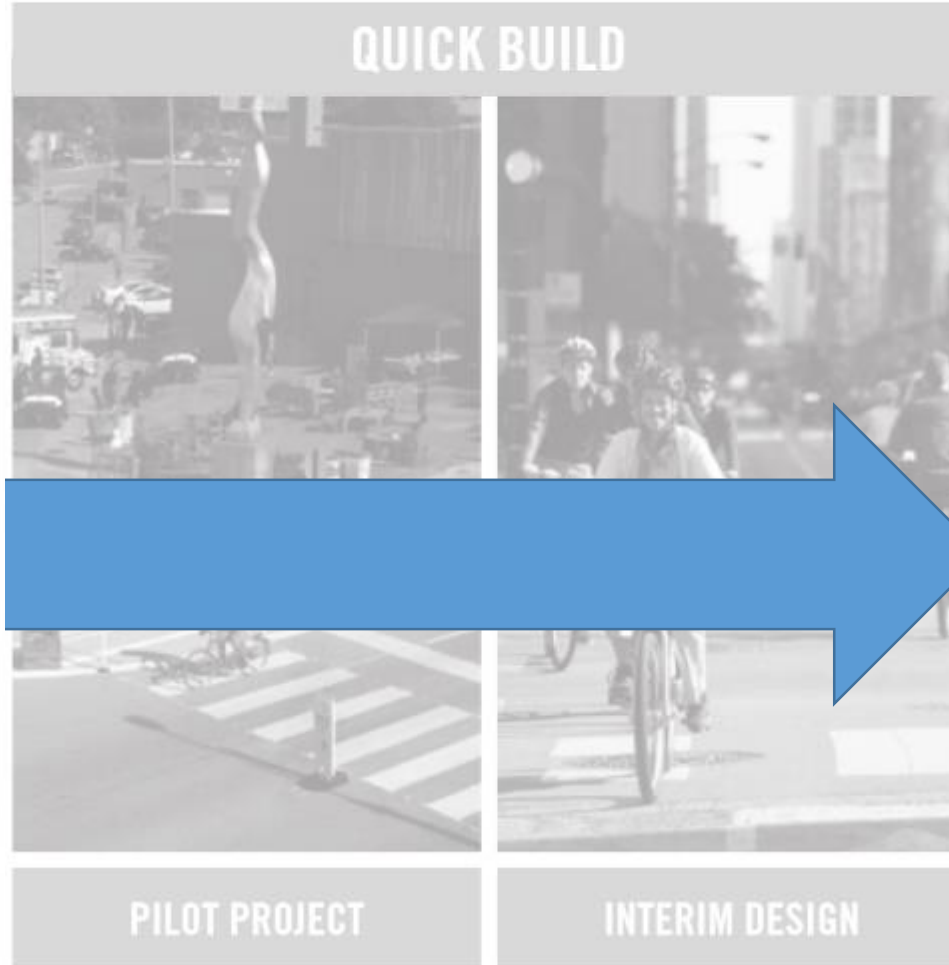


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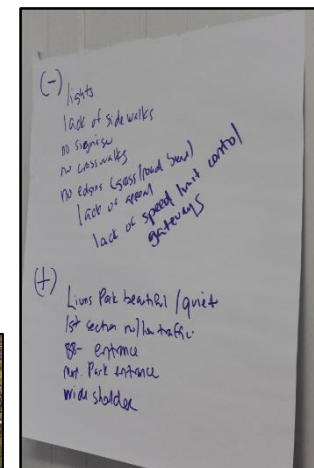
Prep



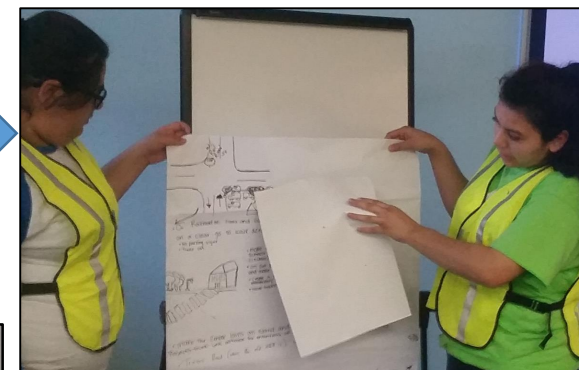
Context



Walk Audit



Debrief



Ideas...



Quick-build projects can deliver immediate economic benefits by cheaply changing the way streets work.



*Penn Avenue, Pittsburgh, PA. Built in 2014.*



Quick-build projects can affect the speed of capital project delivery by demonstrating real-world benefits of geometric changes.



*Monroe Avenue and Marshall Avenue, Memphis, TN. Built in 2014. Photo Credit: John Paul Shaffer*





*Lincoln Hub, Chicago, IL. Built in 2015. Photo Credit: John Greenfield*









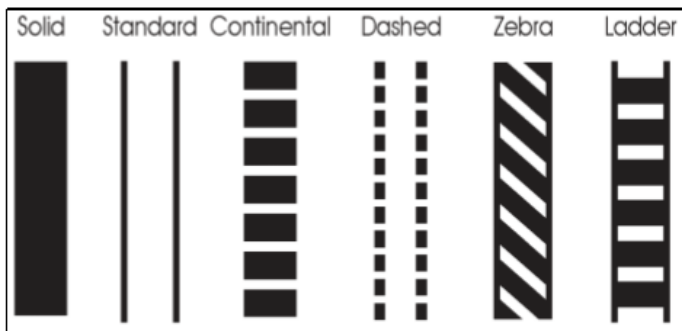


Figure 23: Optional Crosswalk Marking Patterns

Costs for Pedestrian and Bicyclist Infrastructure Improvements



PAINTED/ DECORATIVE CROSSING



Photo Credit: PedBike Images / Kristin Brookshire



Photo Credit: Mark Fenton



Photo Credit: Tactical Urbanist's Guide

CURB EXTENSION / BUMP OUT



Costs for Pedestrian and Bicyclist Infrastructure Improvements



Photo Credit: Mark Fenton



<https://www.beavertonoregon.gov/PhotoGallery/Album/1>

MEDIAN / ISLAND





Photo Credit: Mark Fenton



## ROAD DIET



Photo Credit: Tactical Urbanist's Guide



Photo Credit: Tactical Urbanist's Guide

## BOLLARDS/ SEPERATIONS



Photo Credit: Texas Transportation Institute

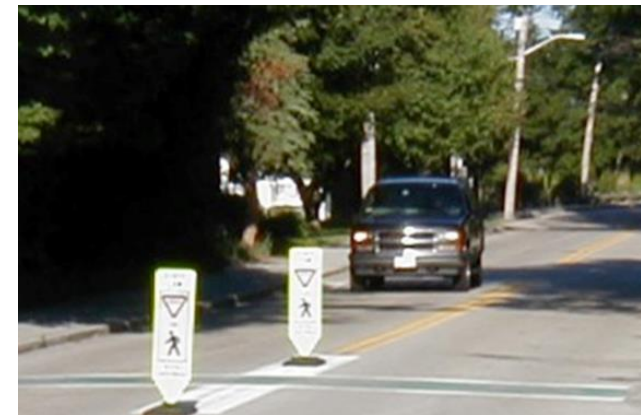


Photo Credit: Mark Fenton



## SIGNALS/ TRAFFIC SIGNS / TRAFFIC CONTROL





SIGNS / WAYFINDING



SIGNS / WAYFINDING



Photo Credit: Turbo Nashville



Photo Credit: Fulton

SIGNS / WAYFINDING





Photo Credit: Streets MN



Photo Credit: Turbo Nashville



## LANDSCAPING



Photo Credit: The Daily City



Camping Crafts  
Camping Stuff  
Camp >  
Campsite flag holder made from pvc pipe



Pvc Furniture  
Pvc Pipe Projects  
Pvc >  
After my Heather plants burned out, I tried Red Hots which also did  
See More



Camping Trailers  
Rv Camping  
Camp >  
Camping and Gardening: Camper Sign  
See More

Photo Credit: Pintrest

## APPLIANCES



## POP UPS





# What will your community do...







YOU  
ARE  
HERE



Identify  
What you can do in  
your community...

# Where will you walk your community...

