



Illustration by: Port Townsend Leader

Lower Sims Discussion Primer

by Dan Burden

A Balanced Transportation System -

Allows *all* people of *all* ages and abilities full access to all parts of their community. Switching from one mode of travel to another is seamless.

To achieve this requires a close partnership with land use *and* transportation.

Quality of life and health increase as policies, programs, and people are considered in each and every decision, and budget, we set in motion.



Madison, WI



Five keys to the Success of Place

Security
Convenience
Efficiency
Comfort
Welcome

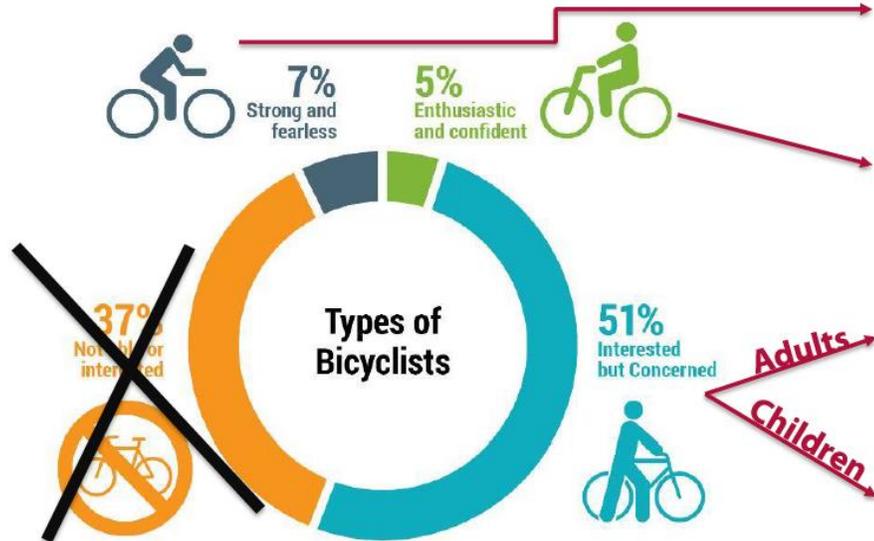
Welcoming Eatery and Defensible Space



Los Altos, California

LEVEL OF TRAFFIC STRESS

Level of Traffic Stress



Dill, Jennifer and McNeil, Revisiting the Four Types of Cyclists: Findings from a National Survey. Transportation Research Record: Journal of the Transportation Research Board. January 12, 2016



Level of Traffic Stress	
LTS 4	Fast, high volume, wide streets, no separation
LTS 3	Climbing lanes, 30mph streets, High volume streets
LTS 2	Bike lanes, moderate speed/volume streets
LTS 1	Greenways, Separated bike lanes, Low speed/volume streets



Thirty-seven percent of the public self rate their interest to bike at zero. This leaves sixty-three percent who are looking for more active transportation supports than we are providing today. The Strong and Fearless and Enthusiastic and Confident crowds are being served. Infrastructural investments should support the fifty-one percent who are Interested but Concerned.

Target Speed



Chico, CA



Chico, CA



Chico, CA



Chico, CA



Chico, CA



Chico, CA

The Basics of Street Design





**Width
Varies**

10' feet

**7'
feet**

6' feet

**Sidewalk
5'-10' feet wide**

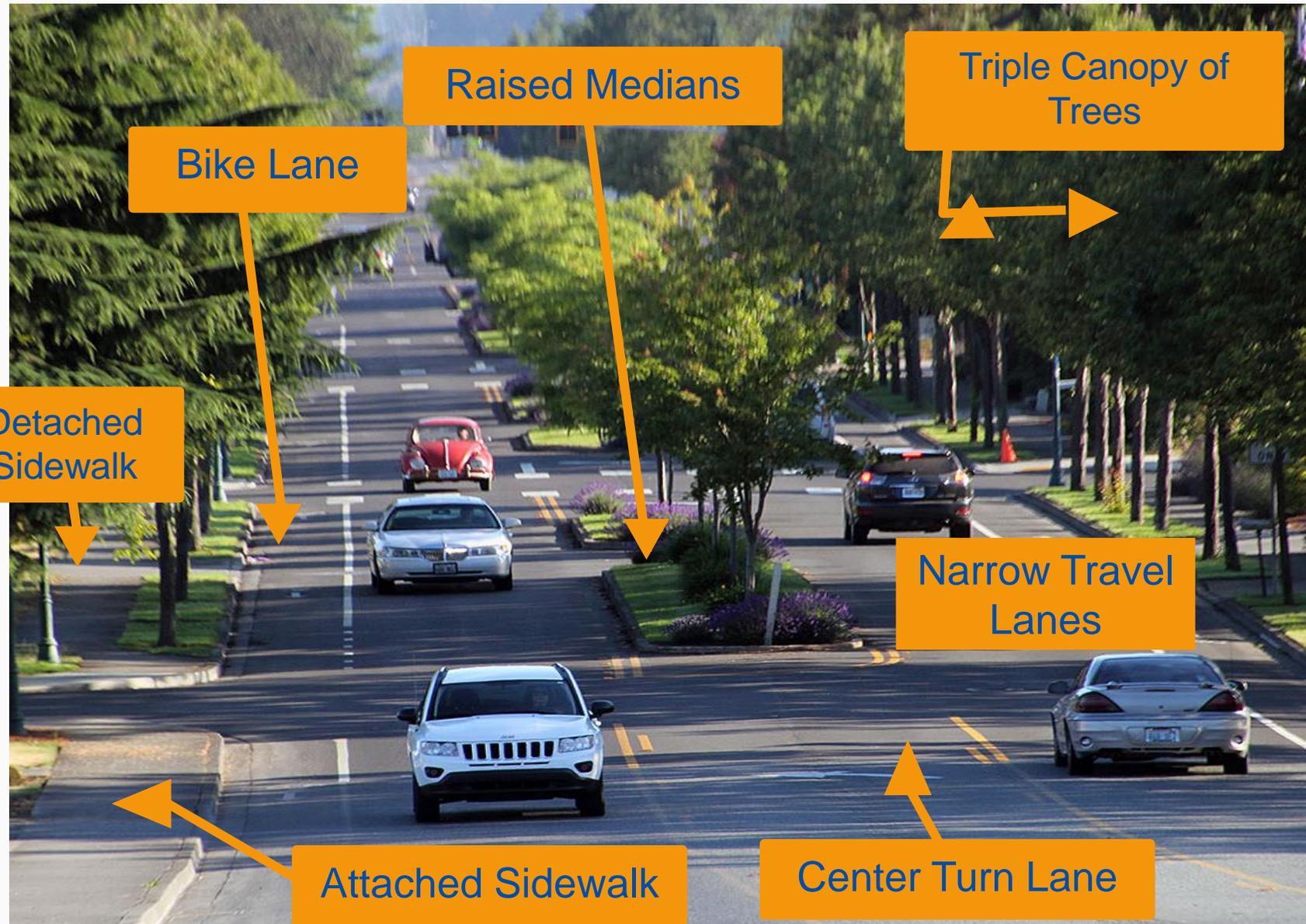
Edge

THE PARTS OF THE STREET

The functions of a street are spelled out in its various parts. This street has two high quality walkways (one on each side). Note the “attached” and the more comfortable “detached” sidewalks. Why is the detached sidewalk more comfortable?

This Central Avenue, Sequim, Washington, street also has a quality planter strip on each side, bike lanes, travel lanes and a center set of medians and turn lanes.

IMAGE LOCATION: CENTRAL AVENUE, SEQUIM, WASHINGTON



Sidewalks and Bike Systems

THE PARTS OF A SIDEWALK

Tree Canopy

Quality Lighting

Shoreline

Parking Buffer

Groundcover

Edge with Ground Cover

4-8' Furniture Zone

8' Walk/Talk Zone



IMAGE LOCATION:
BIRMINGHAM,
MICHIGAN



← Four Feet →







NO
PARKING
ANY
TIME





Crime and Security

Natural surveillance

is achieved through design and maintenance that allow people engaged in their normal activity to easily observe the space around them, as well as eliminating hiding places for people engaged in criminal activity. Natural surveillance is generally achieved by the use of appropriate lighting, low or see through fencing or landscaping, the removal of areas that offer concealment.





There are many positive testimonials from law enforcement officers regarding trails. Typically they state that **trail users watch out for each other and report crime as that they see it occur, thus helping law enforcement to do its job.**

There is no supporting evidence that trails have led to increased homeowner crime.



Do not use landscaping or fencing to screen the boatyard from the public view.
This will breed crime.



Dover Kohl & Partners



Dover Kohl & Partners



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Edges / Fences

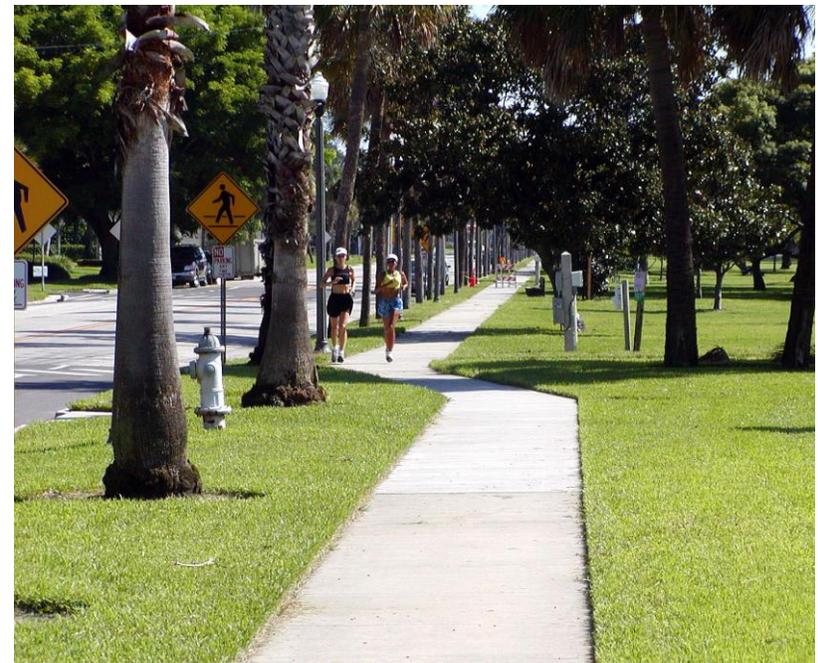




Bryant Park, New York City



Material / Maintenance



Lighting







MAXIMUM
20



00

Wowzer

LEAF & PETAL

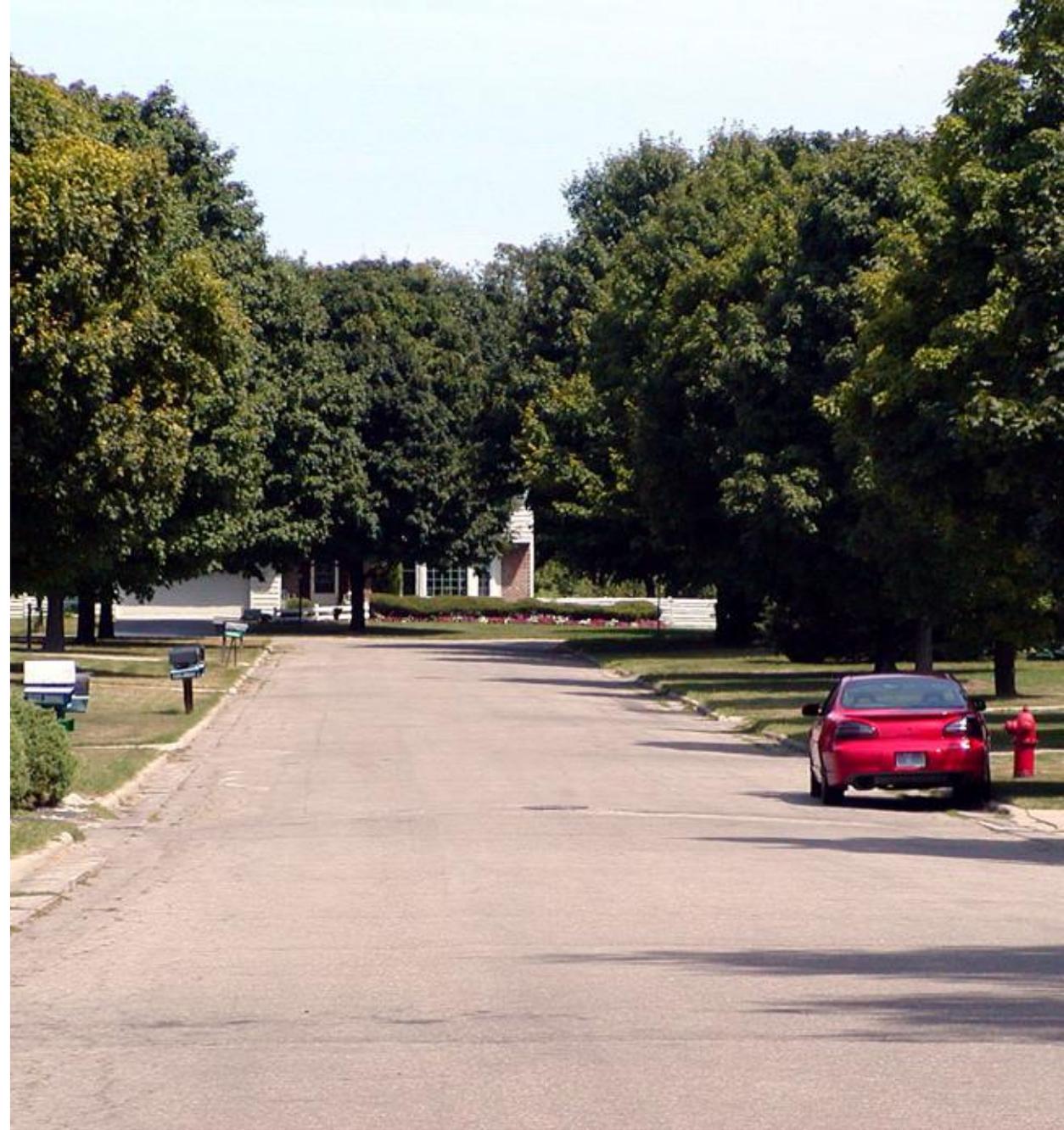
LEAF & PETAL

LEAF & PETAL





Trees and Tree Placement





Birmingham, MI





Houston, Texas



Anywhere in California

