

Livable Community Principles

Encourage Your Hopes
Not Your Fears

City of North Las Vegas, Nevada
June, 2005

Dan Burden, Glattig Jackson and Walkable Communities, Inc.



What is the Purpose of Cities?

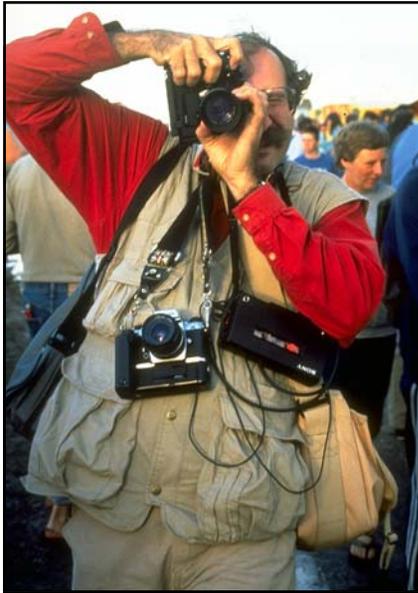


Cities are an invention to maximize exchange (goods, culture, friendship, knowledge) and to minimize travel.

The role of transport is to maximize exchange.

....David Engwicht





Dan has learned to see the world through the lens of his camera, carefully picking subjects of interest to illustrate his view of the world.

There is a saying among National Geographic photographers.

“National Geographic photographers stand on top of the garbage cans to photograph the flowers ... while Life magazine photographers stand in the flowers to photograph the garbage cans.”



Photo by Paul



Debbie -- Retired School Teacher

Painted rainbow crosswalks throughout town

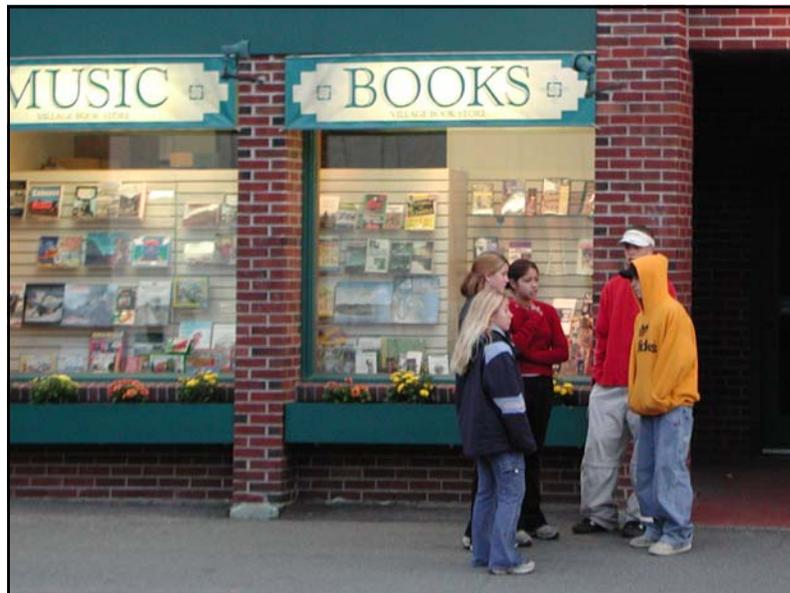
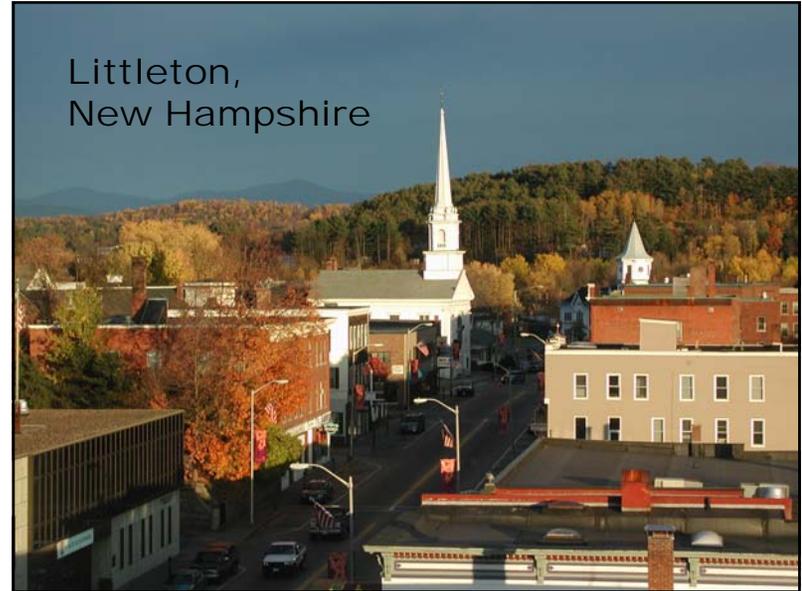


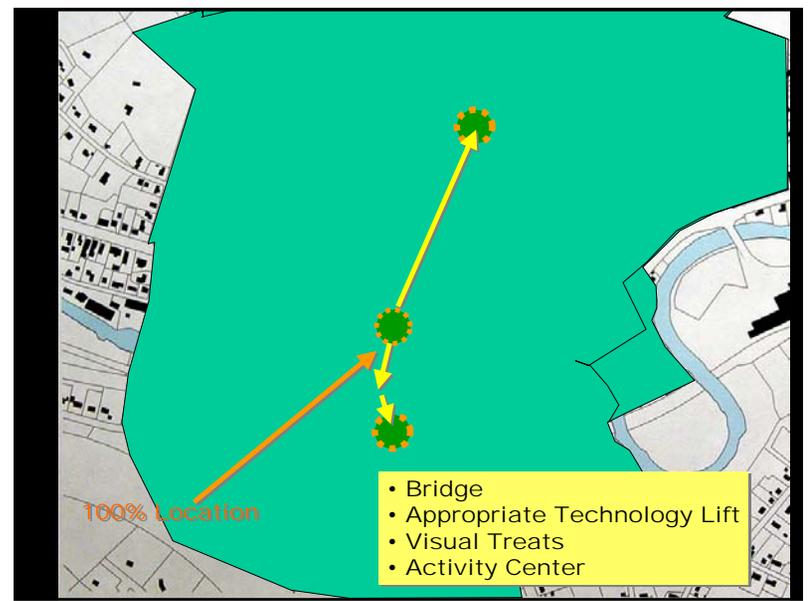
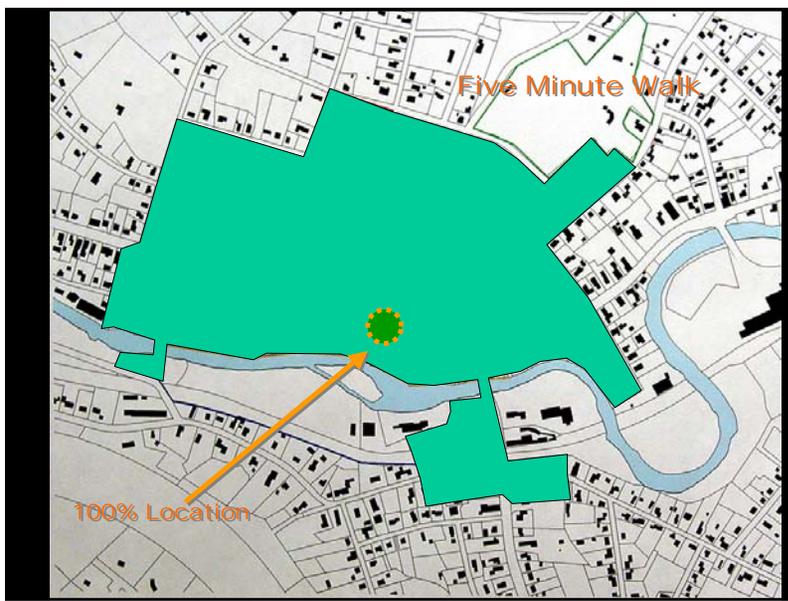
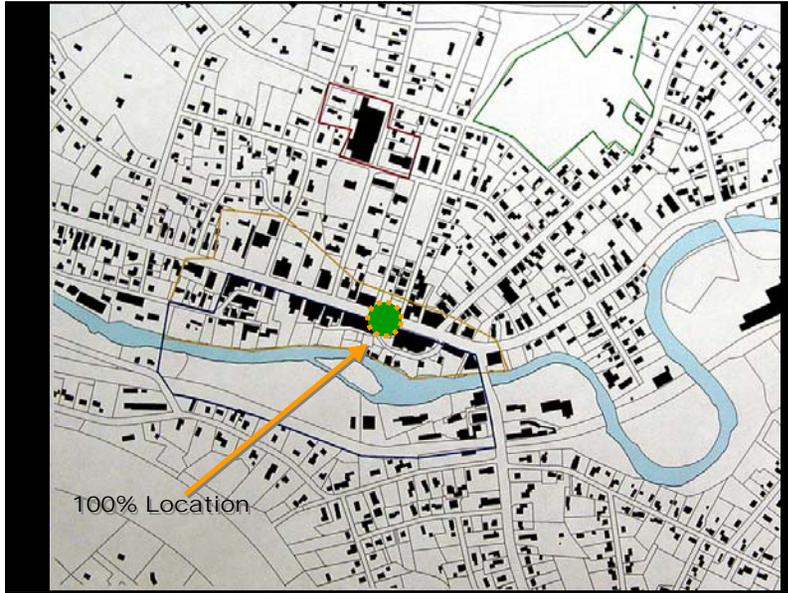
What is "Place?"



Thornton,
Colorado

Littleton,
New Hampshire





The World is Changing
Expect:

Option One:

25% more traffic every ten years.
More intersections failing.
More people spreading out into
canyons, ridges and other high risk
locations.

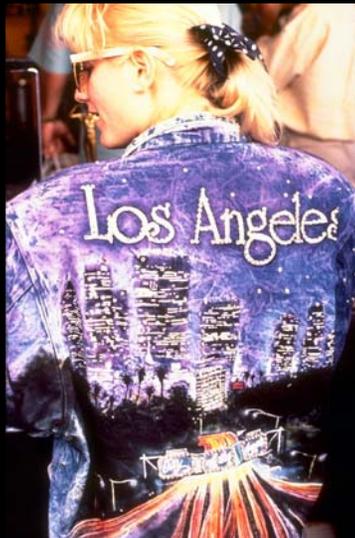


Also Expect:
More cars per household
Limited new lanes and limits on
intersections being rebuilt
More demand for slowing traffic
More demand for traffic to stay in motion
More demand for safer streets
More demand for quieter streets

Los Angeles, Then



Los Angeles, Now



The Only Constant is CHANGE

In the **past** fifty years transportation planners/engineers **have**:

Reduced parking safety

Reduced for safety

Reduced for safety

Widened for safety

Widened for safety

Take sidewalk capacity

*In the **past** fifty years
planners and engineers
have been **responsible**
will in **the** **ad** **to**
the **of** **and**
quality of life.*



Option Two:

Return to Traditional streets and land uses

More connectivity

More walking, bicycling and transit

People living closer to services, shorter trips by time and distance

More funding for well located engine houses

Improved and more appropriate equipment

More ways to respond

Fewer personal injury auto crashes



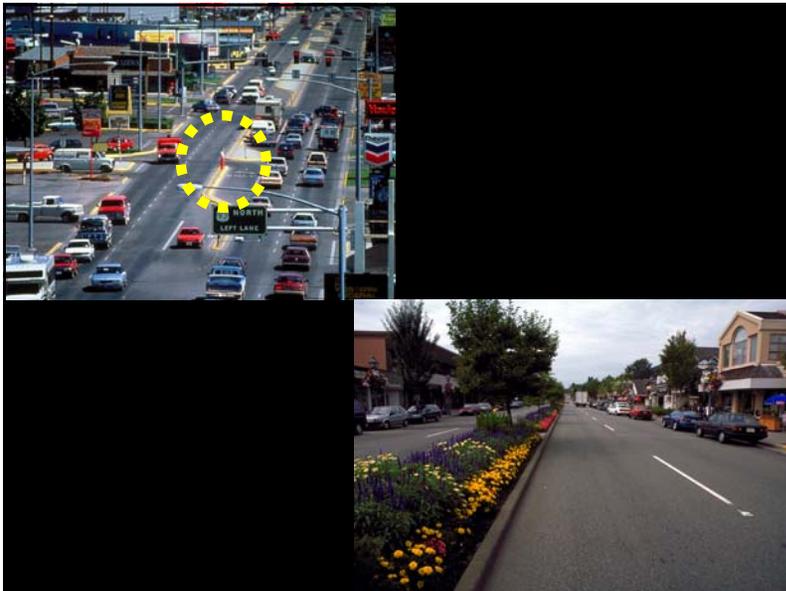
People once fled cities ... for their health ...

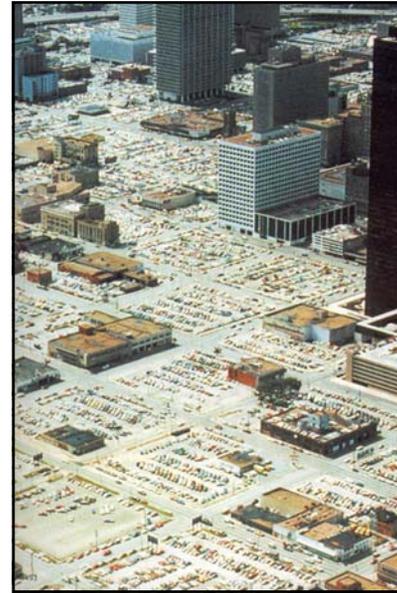


Today people are returning to cities ...

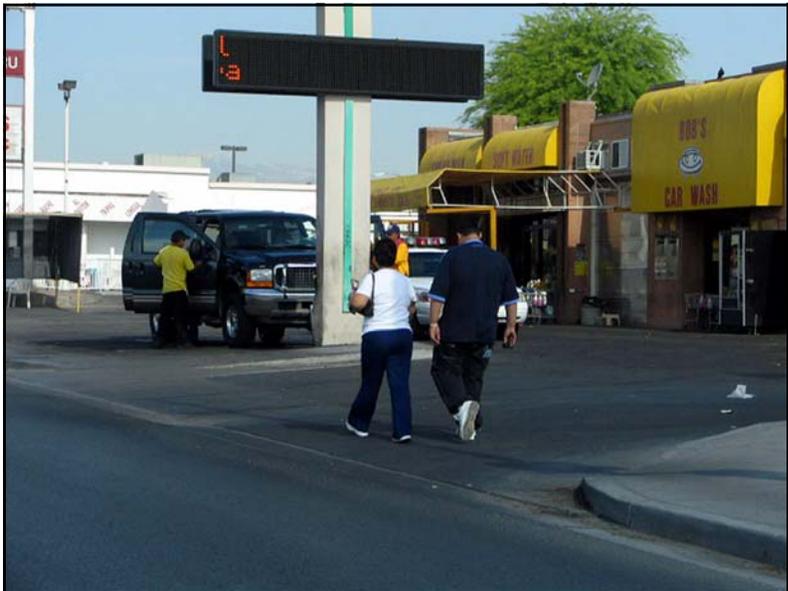
... for their health

Portland, Oregon

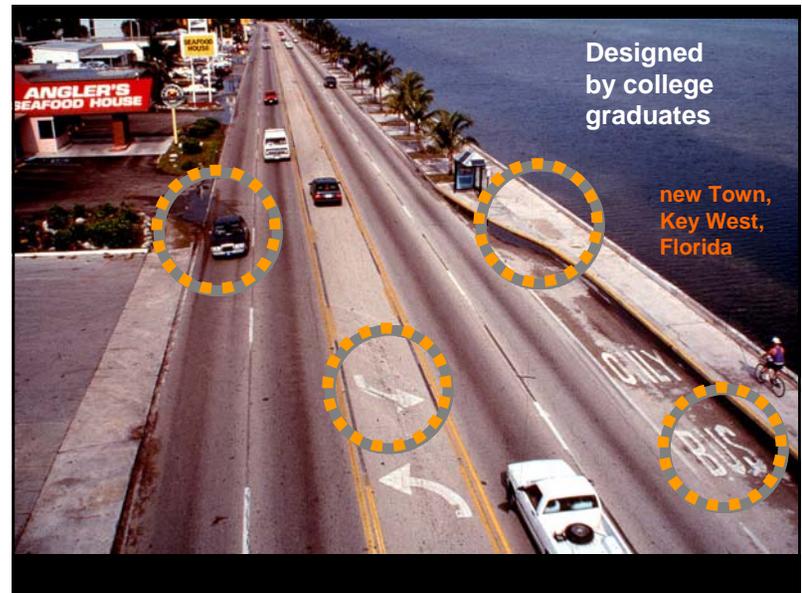
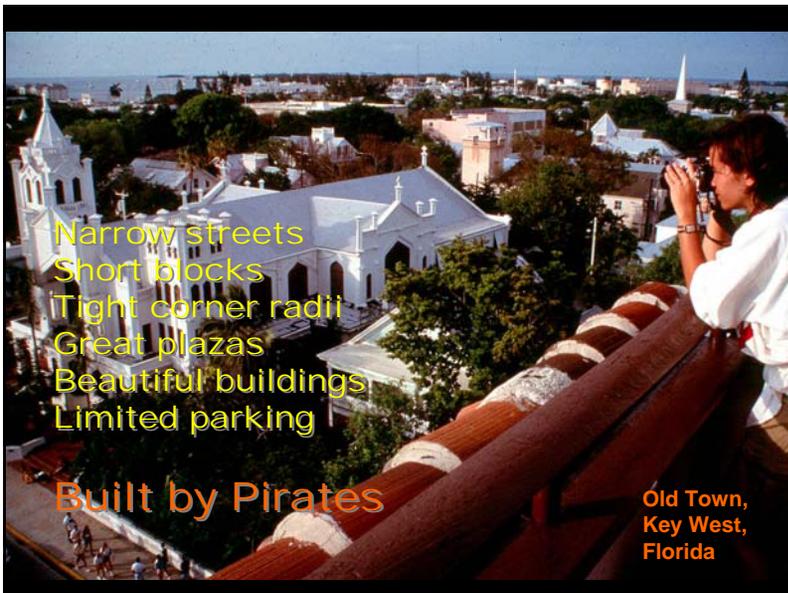


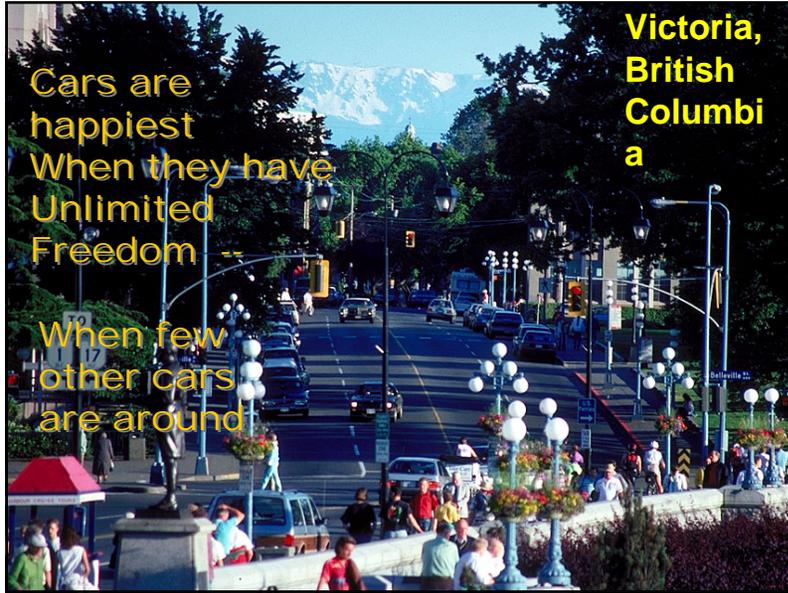


America's high level of dependence upon the automobile has lowered the standard of living, snarled traffic and lowered air quality.





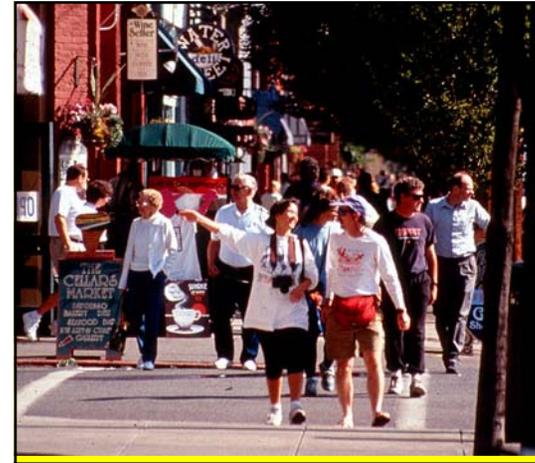




Cars are happiest
When they have
Unlimited
Freedom

When few
other cars
are around

Victoria,
British
Columbia



People are
Happiest
when
there are
many
others
around.

Victoria,
British
Columbia

DAN ...

I HAVE EMAILED YOU BEFORE. I HAVE A JOB OFFER IN SARATOGA SPRINGS (I'M FROM NEW YORK CITY).

I DON'T DRIVE. IS IT TRULY WALKABLE IF I LIVED DOWNTOWN?

THANKS AGAIN

JEANNIE

Yes, Jeannie ... it is
Okay to downtown
Saratoga Springs.
Great Place. Enjoy!








Building
from our
Values





People Active Transportation By Design

A horizontal strip of five small, square images. From left to right: 1. A person in a yellow shirt riding a bicycle. 2. A person pushing a stroller on a sidewalk. 3. A group of people walking together. 4. A person in a dark shirt pushing a bicycle. 5. A person in a white shirt riding a bicycle.



Ten Steps To Walkability

Compact, lively town center

Low speed streets, distributed volumes

Fine grained streets, many trails, transit links

Neighborhood schools and parks, within one quarter mile or one eighth mile



Public places with inviting features: benches, restrooms, shade, water and art

Convenient, safe and efficient crossings

Many people of all ages and abilities walking many hours

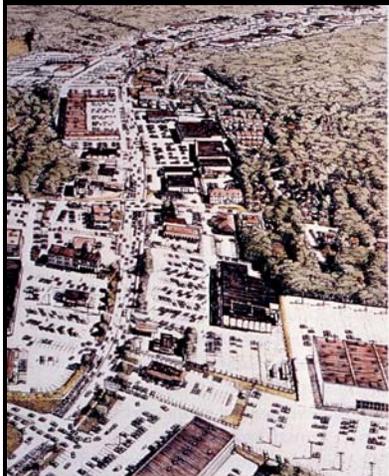
Celebrated public space and public life, parades, markets, festivals, awards

Land use and transportation partnerships

Affordable, inspiring, well maintained streets and homes.

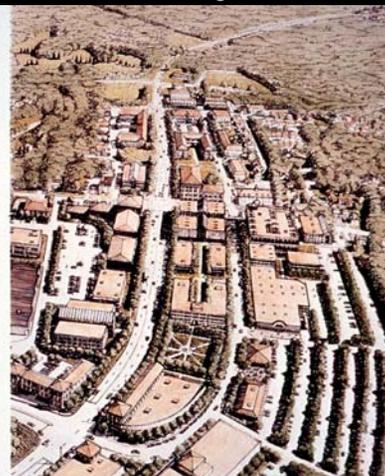
Not Walkable

High Car Dependency
Serious Congestion



Walkable

Low Car Dependency
Moderate Congestion



The Popsicle Test

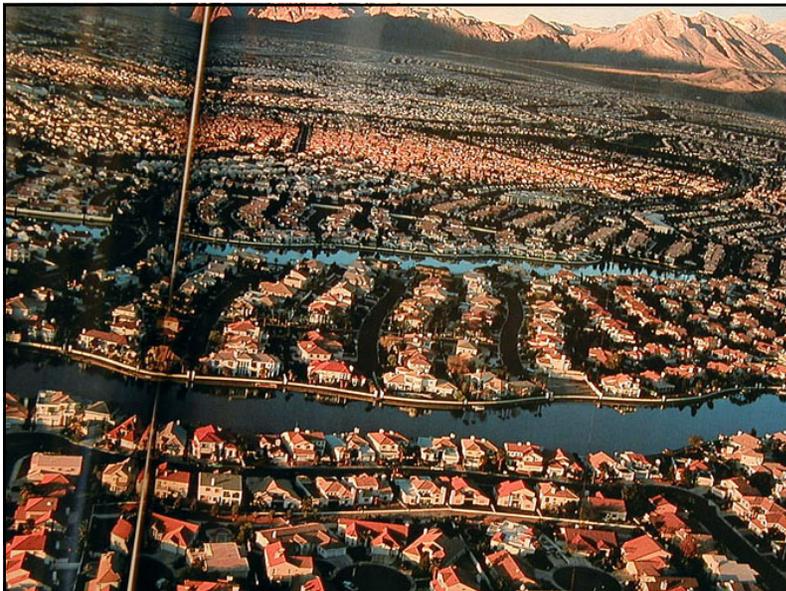
Can you take a Popsicle to your brother or sister from the store to your house before it melts?



Complete Streets



Sprawl Origins and Sustainability



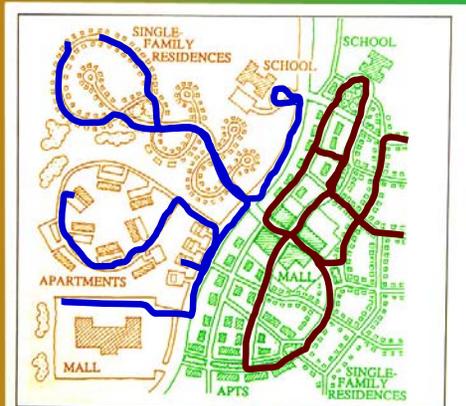
Pattern: Low Density(1-3 units/acre)

Sprawl Costs:

- Does not pay its fair share
- Takes money from and weakens town center
- Takes over valuable forests, fields wetlands, preserves
- Moves town resources outward
- Fuels urban flight
- Forces other harmful land use
- Builds traffic congestion
- Adds to isolation, NIMBYism

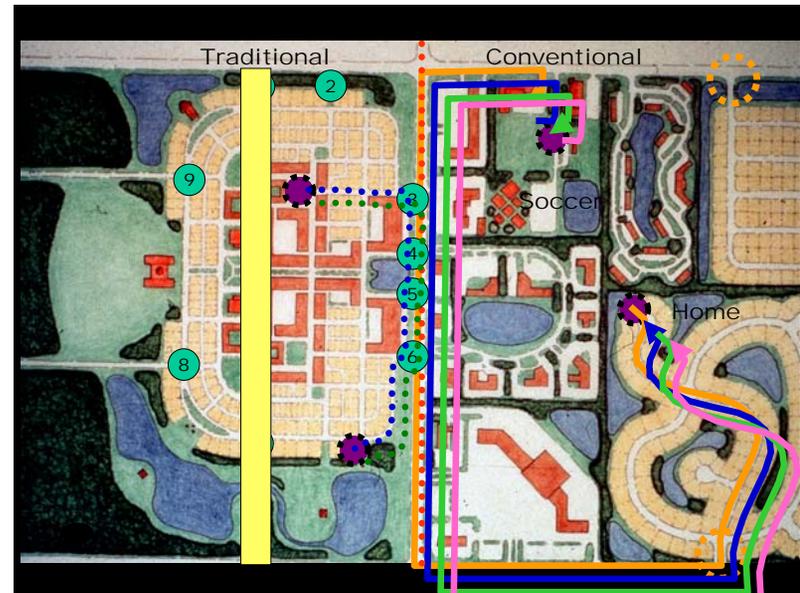
Trip Generation and Trip Quality

Conventional Versus Traditional Pattern



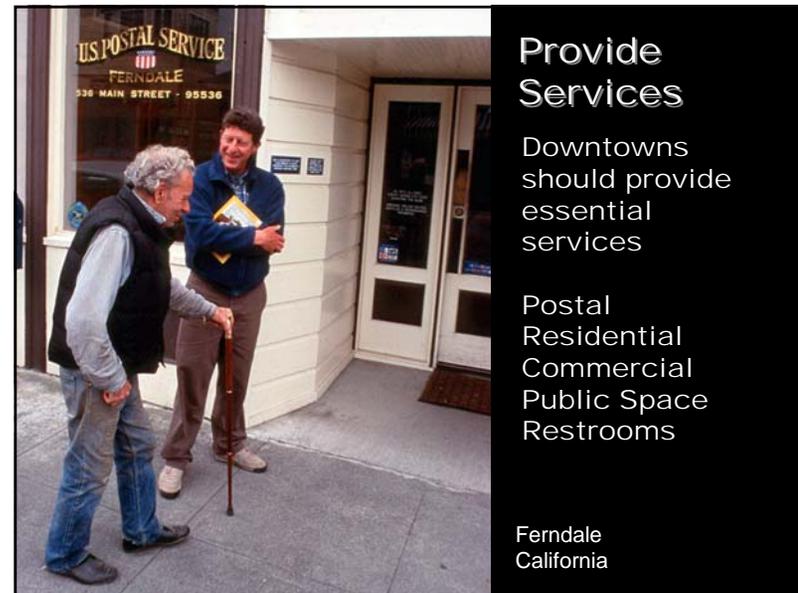
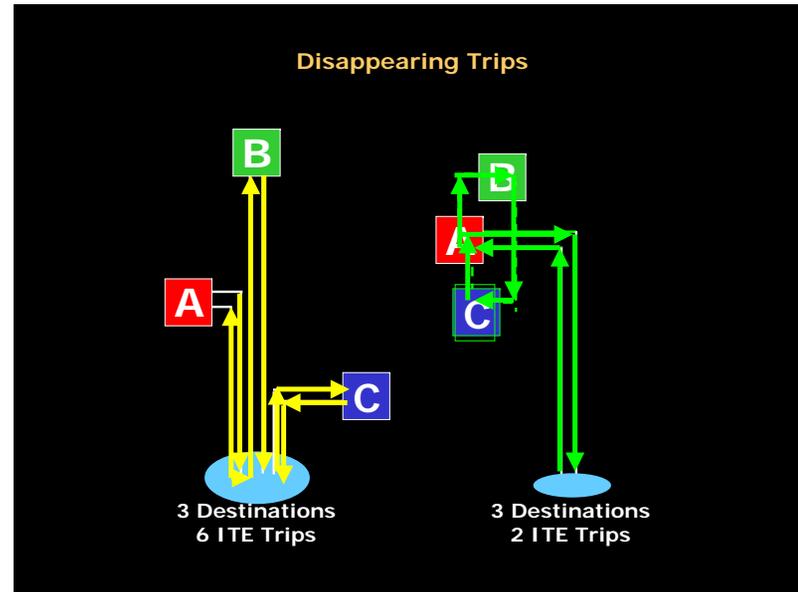
A connected network of streets (right side of drawing) with sidewalks cuts walking distances between housing, shopping, work and school.

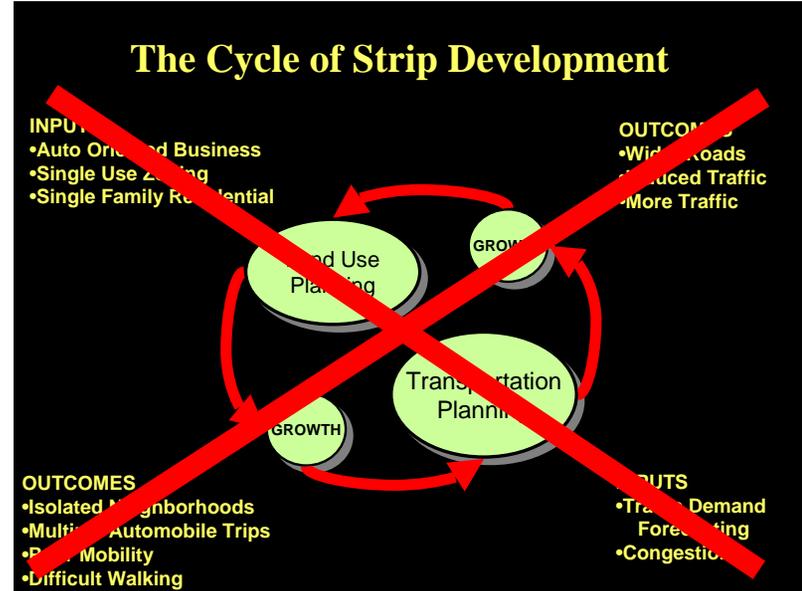
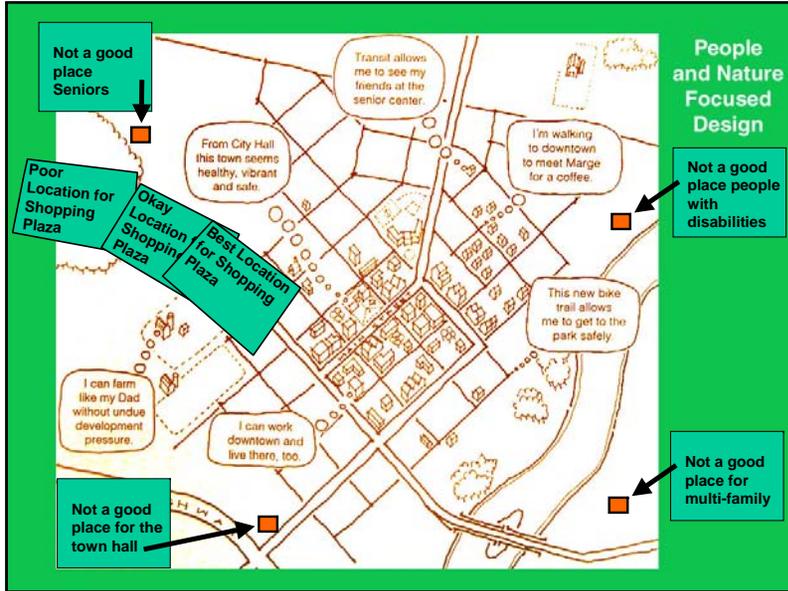
(Source: A. Duany/E. Plater-Zyberk)



Connectivity Options

	Traditional	Interior	Perimeter	Single Entry
Connected Street Spacing	400' – 600'	1000'	1000' – 2000'	None
Ped/Bike Spacing	400 – 600	400 – 600	400 – 600	None
Connected Road Character	All Streets Fronted	Connectors Fronted	Connectors Walled	(No Connection)





Density with Design



1980s & 90s: Density, but...

Density with Design



In New Projects: Maintain the Relationship of Building and the Street

Density with Design

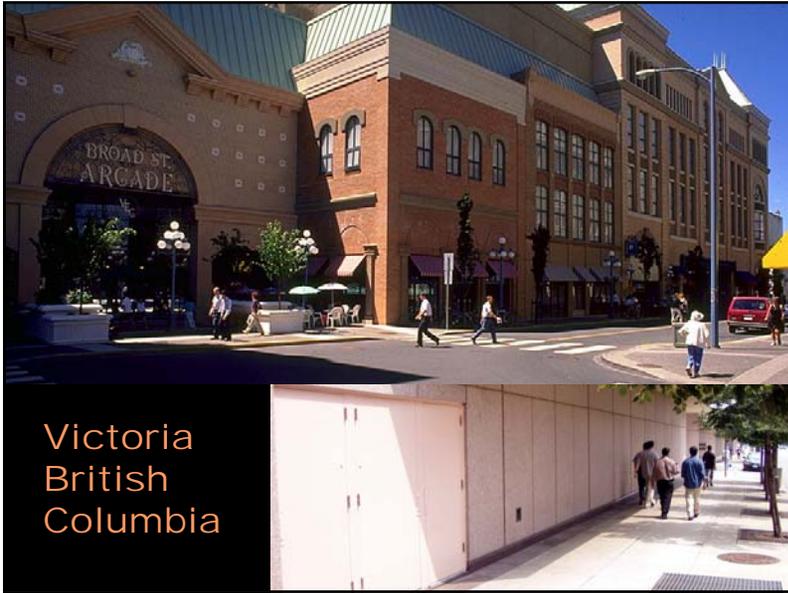


In New Projects: Make the Streets Good Neighbors

Density with Design



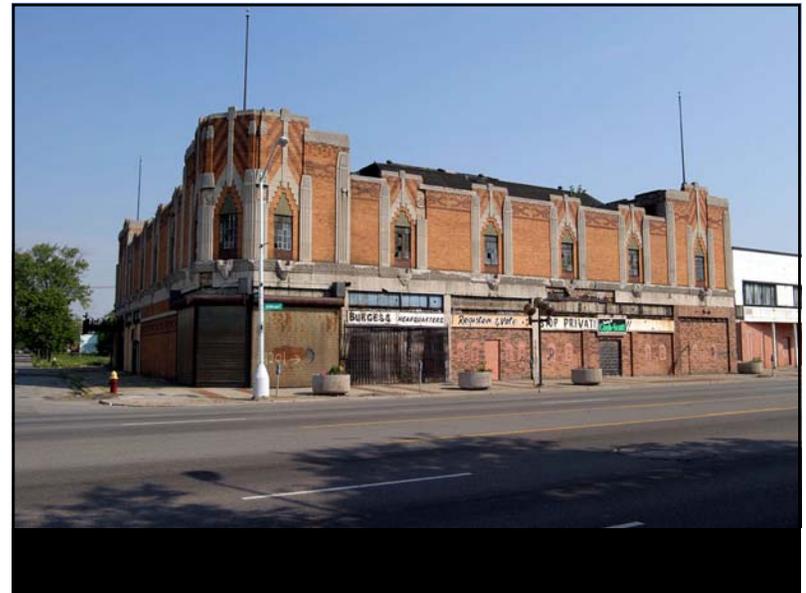
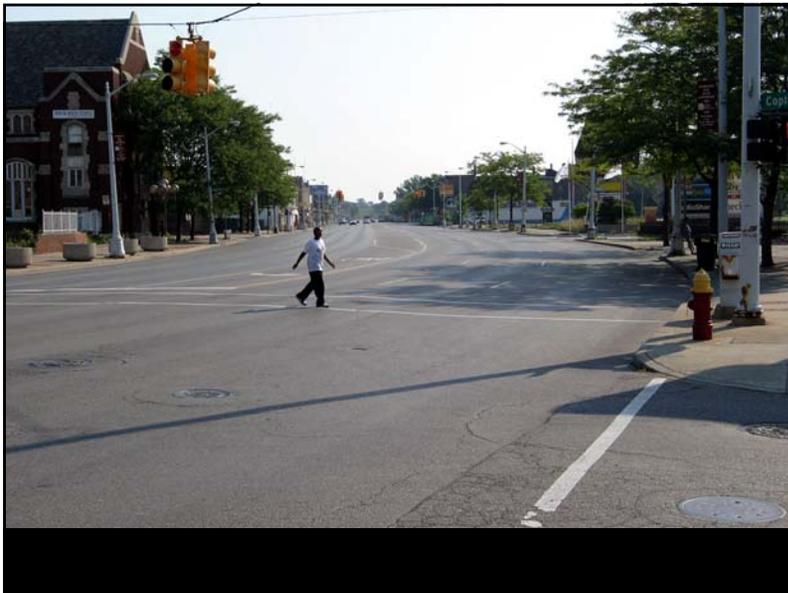
In New Projects: Promote the Street as an Amenity, and Inspire Investment







Broadway, Vancouver , British Columbia



Luxurious New Condominiums

\$140's
FROM THE

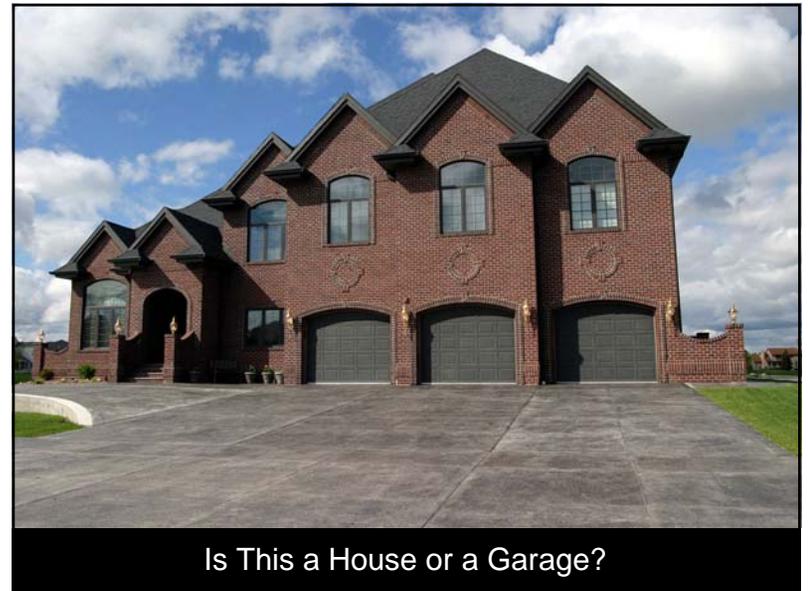
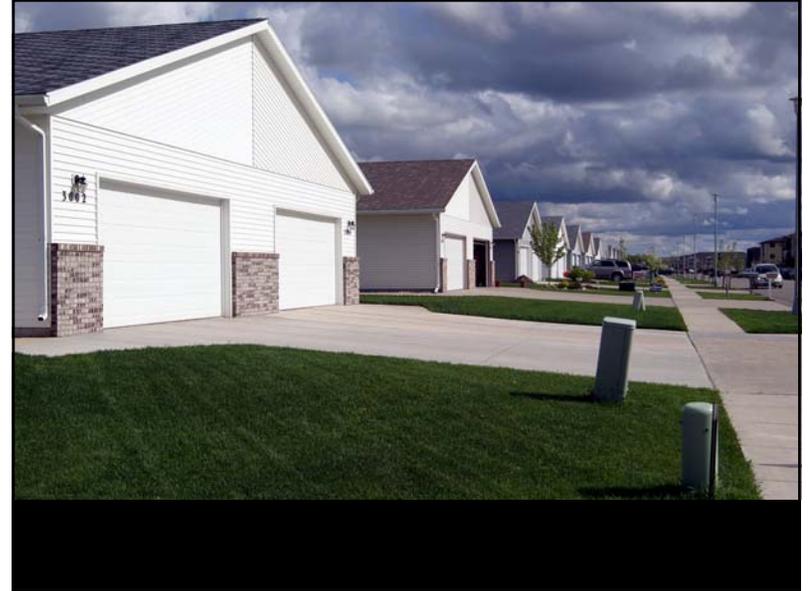
313•575•7815

PRESENTED BY

Lombardo AND **CURIS**
COMPANIES ENTERPRISES

Background photo shows a building with signs for 'EASTERN UNION' and 'CHECK CASHING'.





Build for Multiple Uses

- Beauty
- Function
- Open Space
- Diversity, Inclusiveness
- Art/Music
- Green
- Friendly
- Economic prosperity



Which building looks most like Southern Texas?



Attracting the Best



40% of apartment residents choose to rent for lifestyle reasons

— not because they have to.

- Nearly one-quarter of renters earn \$50K or more.

• Sources: Fannie Mae Foundation; U.S. Census Bureau

Some of the same solutions to our growth-related challenges, can help support new housing options.

Crime and other social issues are highly correlated to lack of ownership, investment and pride.



Attracting the Best

Higher-density development offers homes that are within reach of vital community members such as:

- Teachers
- Nurses
- Fire fighters
- Police officers

— and our own children!

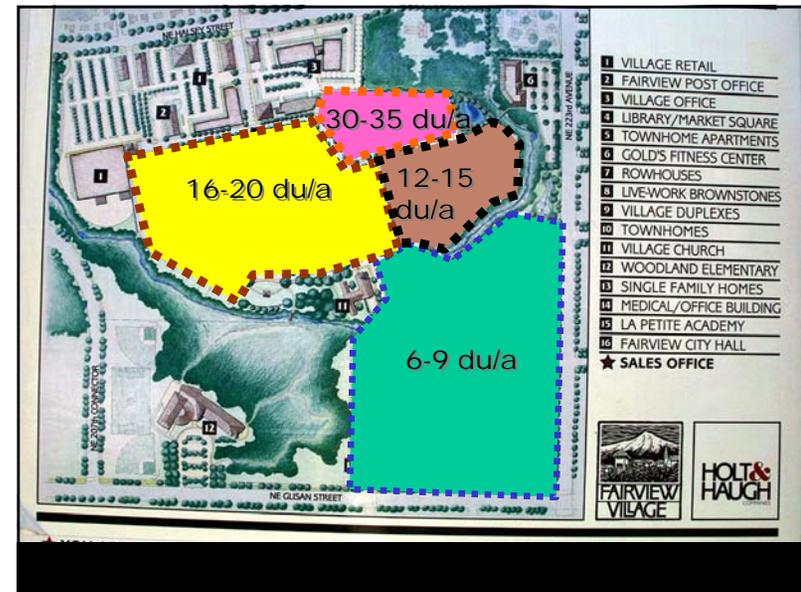


A Plan for Tomorrow



Build a new model.
Strong, healthy communities have:

- Walkable, mixed-uses
- mixed income
- A rich mix of homes for a wide range of residents
- Many conveniences
- Green space
- Ownership/pride
- Strong economies
- Low crime
- Balanced budgets



Sources: Massachusetts Citizens Housing and Planning Association; Byrne McKinney & Associates and Goody Clancy Architecture, Planning and Preservation

Attract new retail development.



- Densities of **8 to 12 homes per acre** can create compact low-rise centers that can support a lively business district, mixed uses, and public transit nodes.



- 1,000 to 2,000 new houses and apartments within a 10-15 minute walk can support **new retail areas**.



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Mixed Use

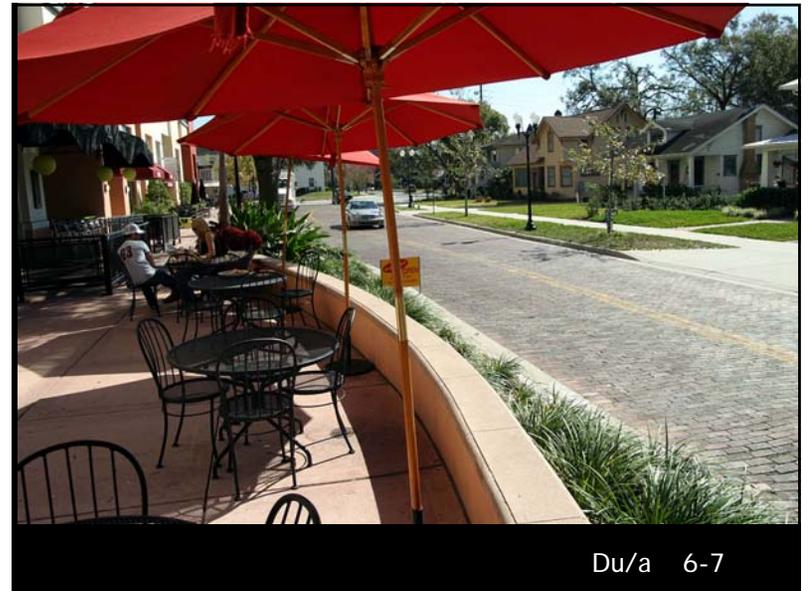


Commercial, Retail, Residential



Thornton Park,
Orlando, Florida

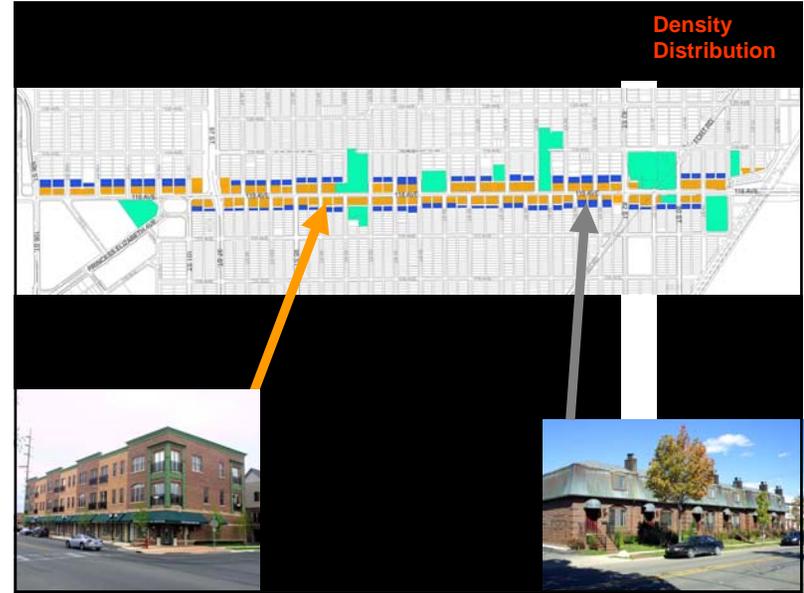
Du/a 9-12





Robinson

Speeds reduced from 35-40 to 25-30

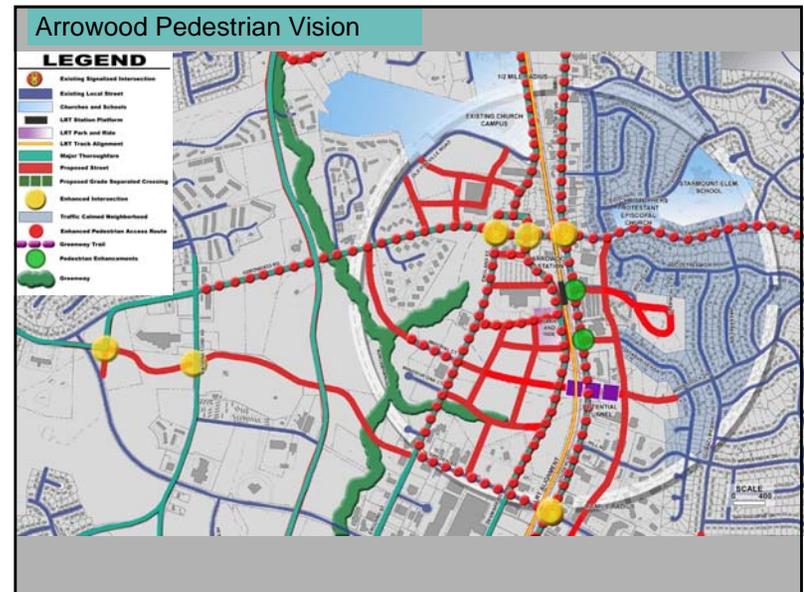
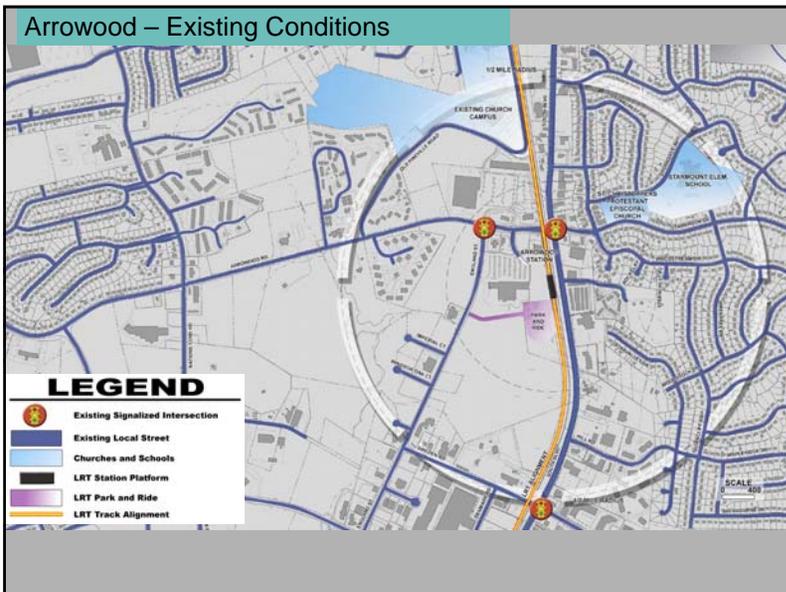
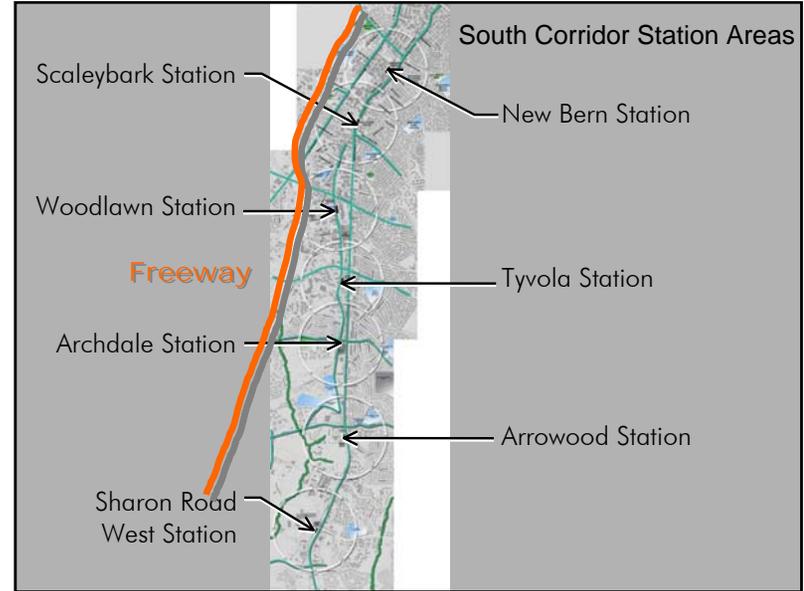


Density Distribution

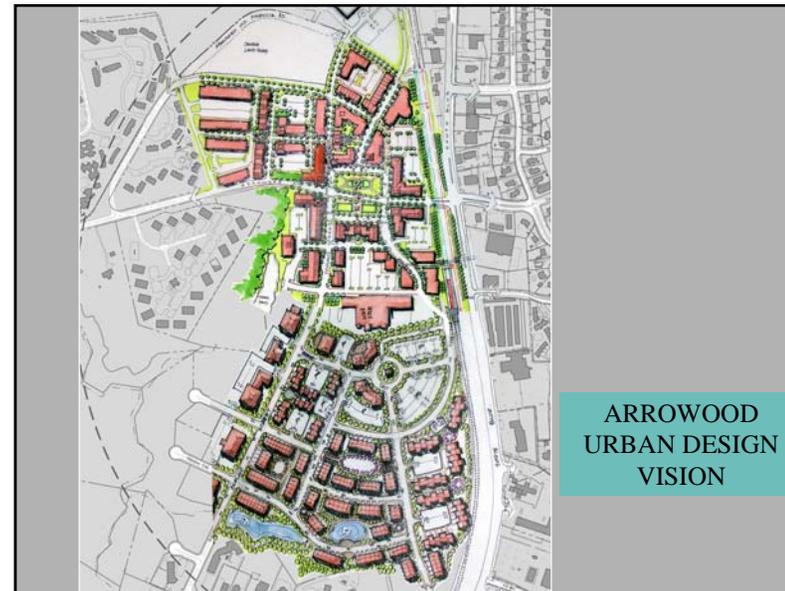




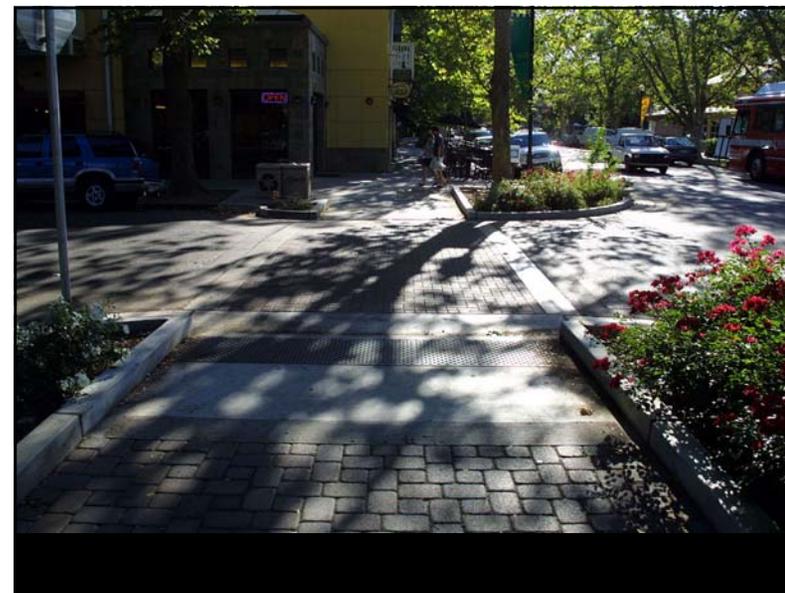
Los Vegas Boulevard and Lake Mead

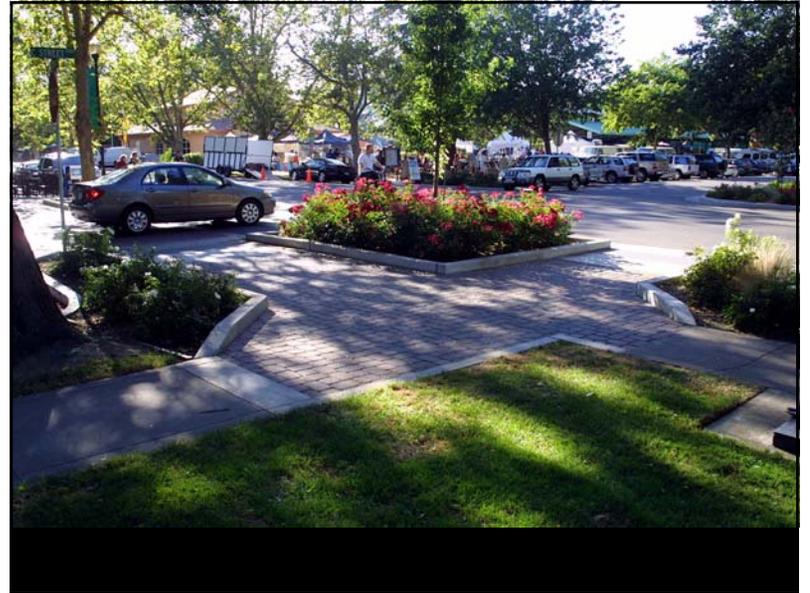


Arrowood Bicycle Vision



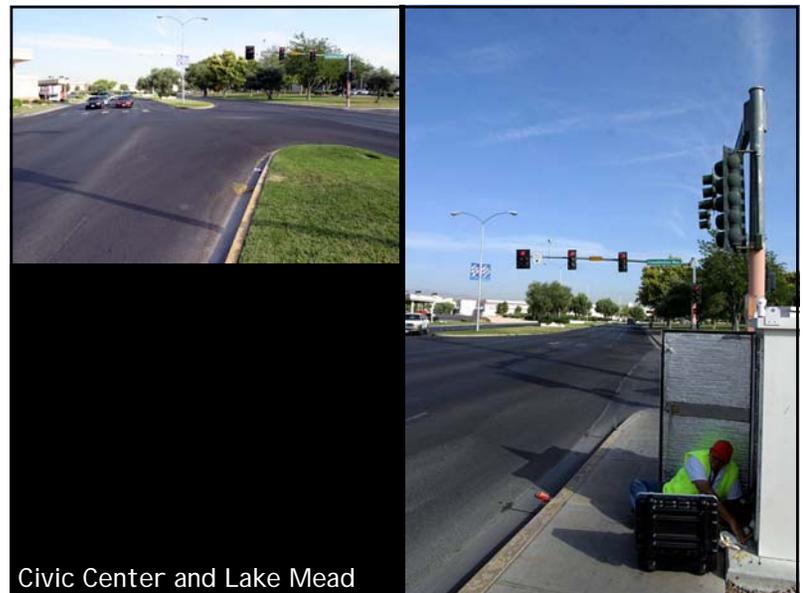
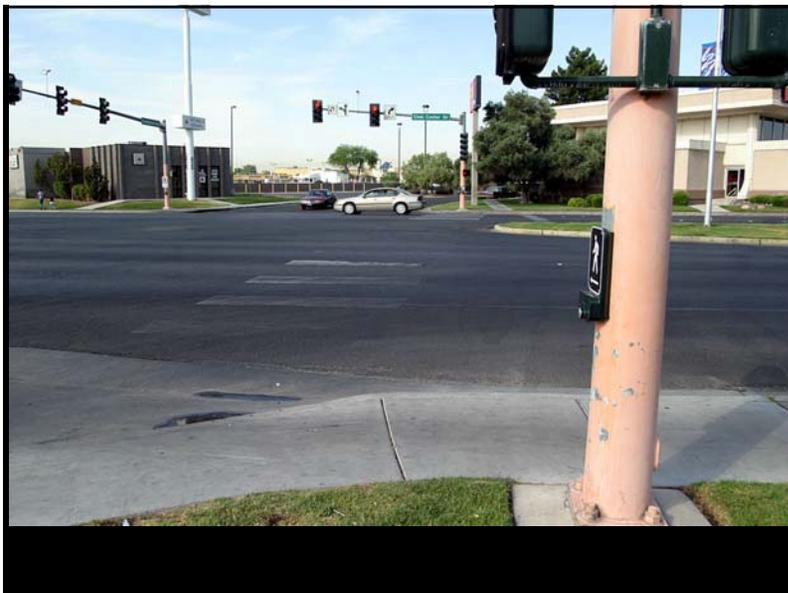
Infill







Civic Center and Lake Mead



Civic Center and Lake Mead

