Stand by:

The future is coming...

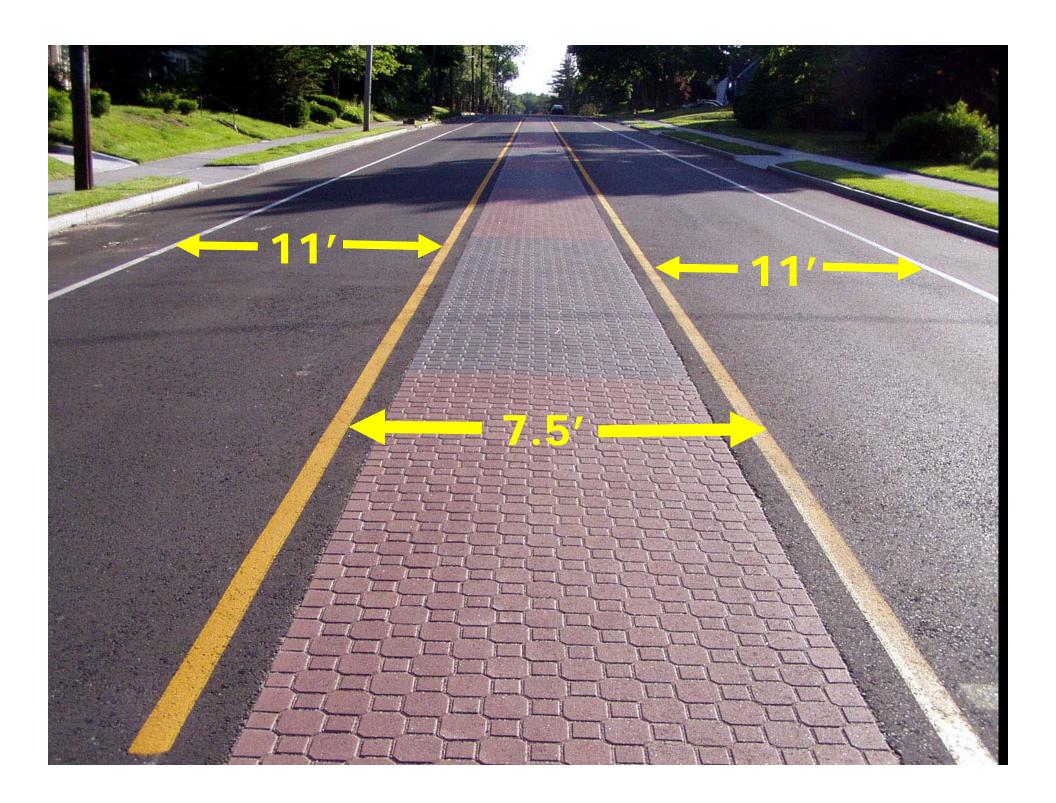
Energizing Main Street



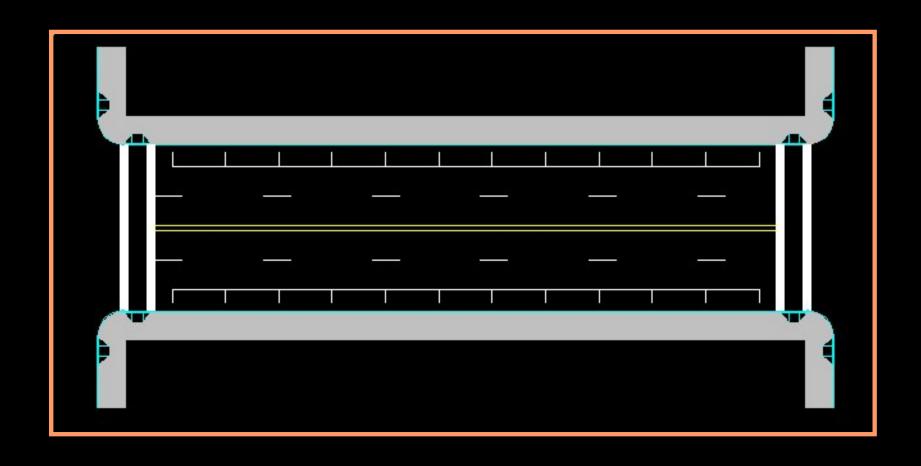
Sponsors:

New Hampshire Main Street Program Dover Main Street Program September, 2003

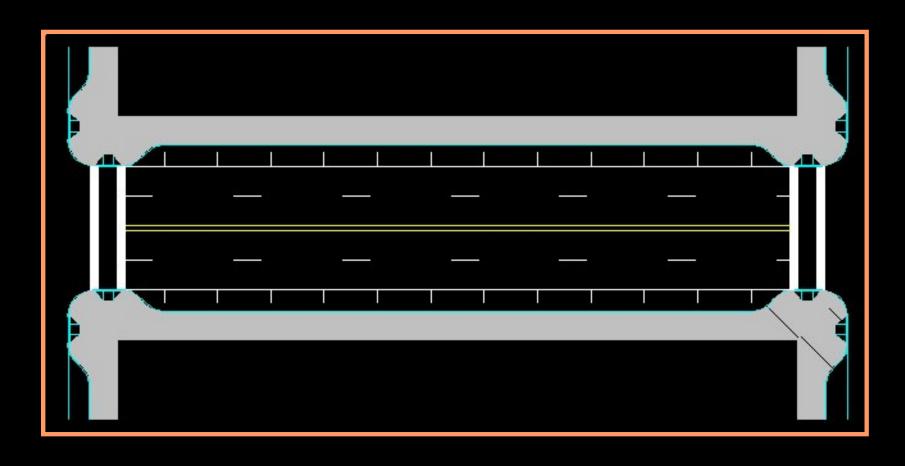
Dan Burden, Walkable Communities, Inc.



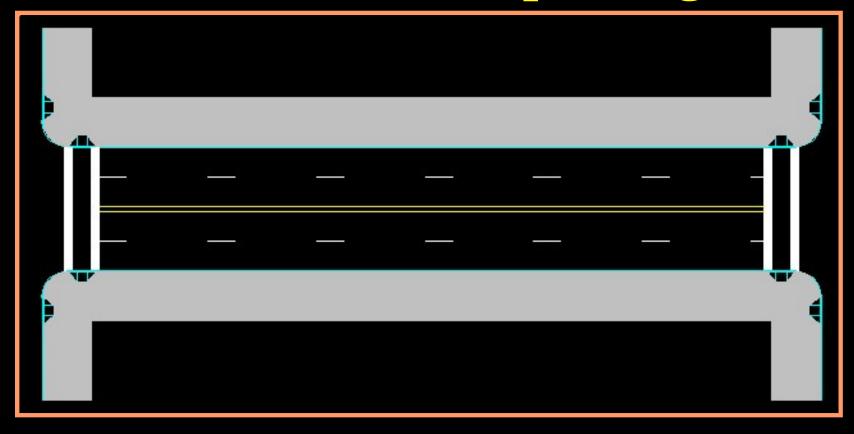
Consider curb extensions the norm...



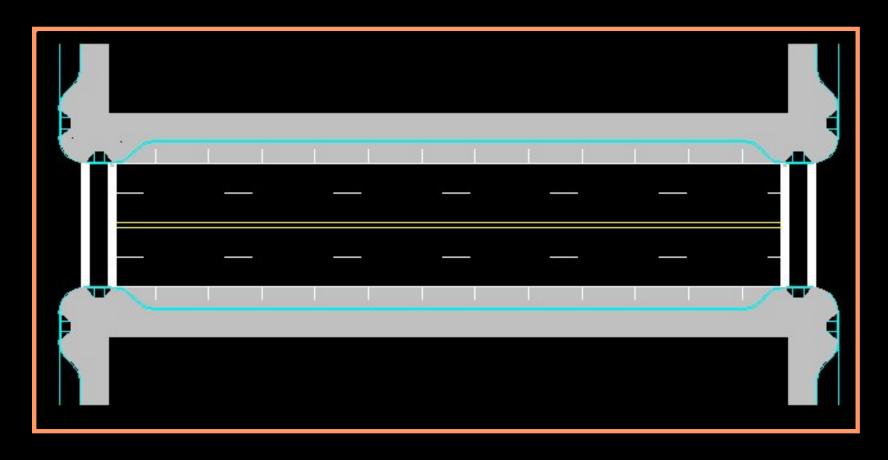
... not something you add to a street



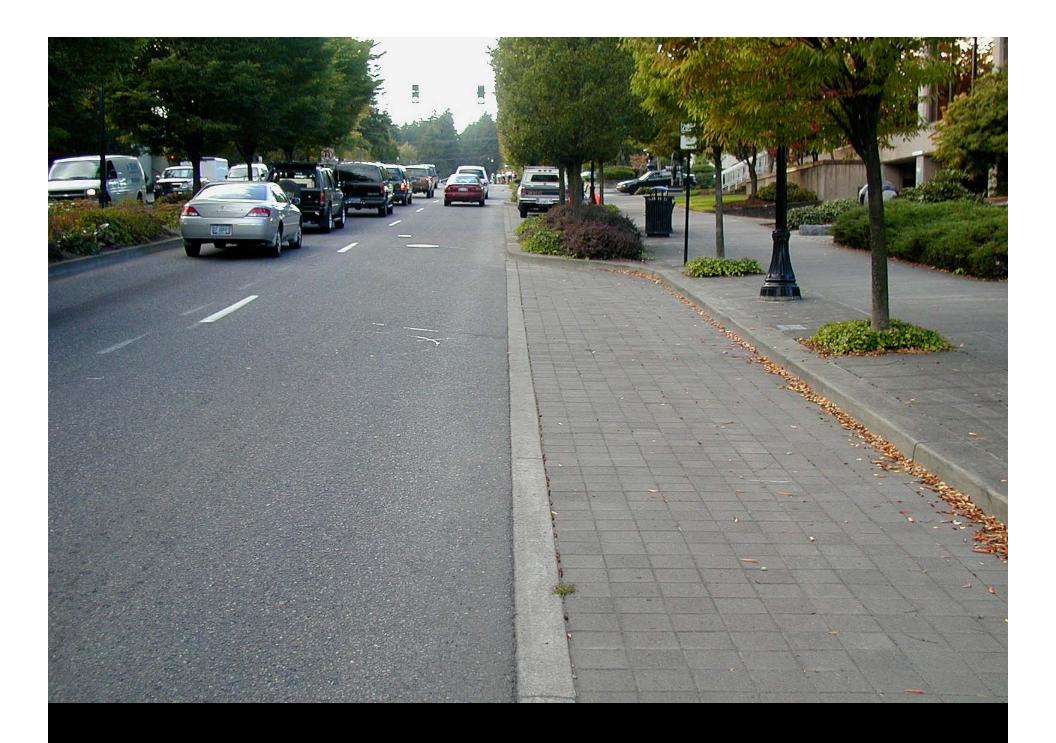
What would the street look like without on-street parking?

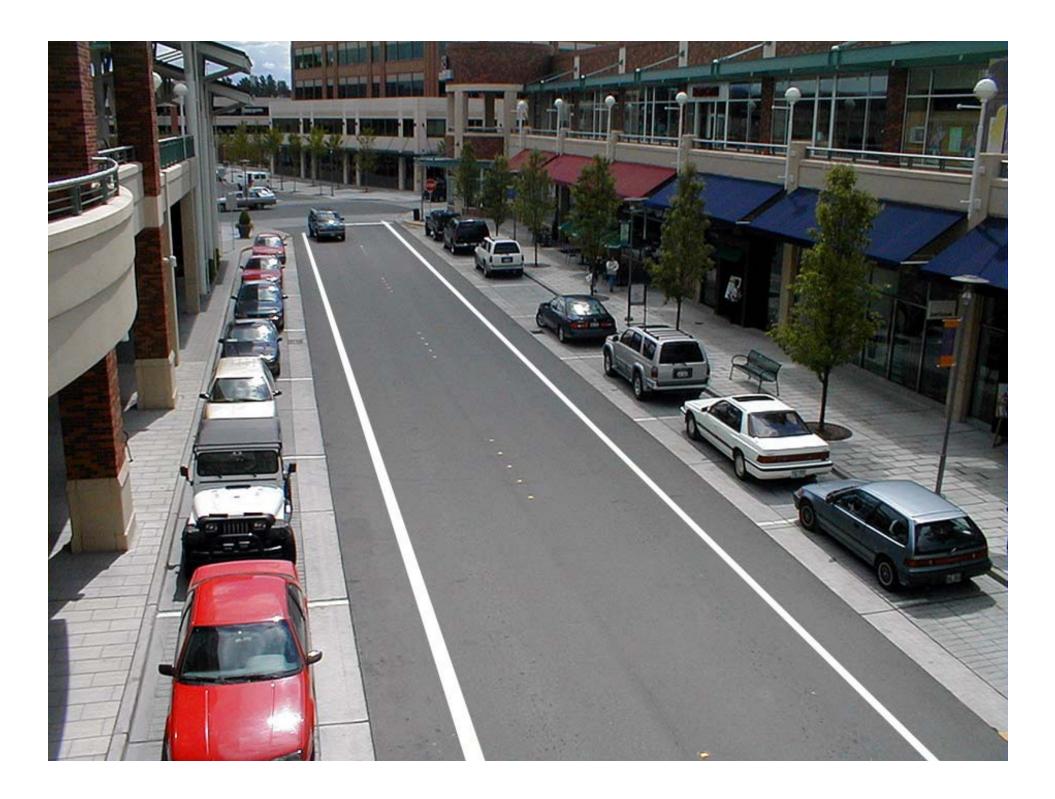


Now think of parking as the bonus!



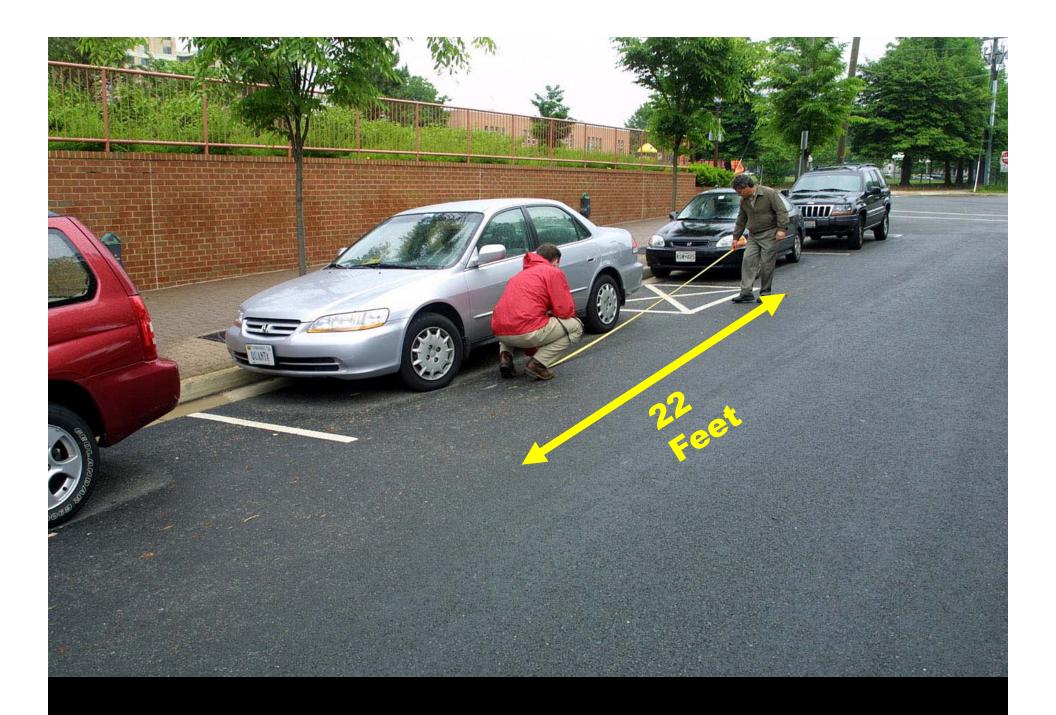
Tada! Look like curb extensions...







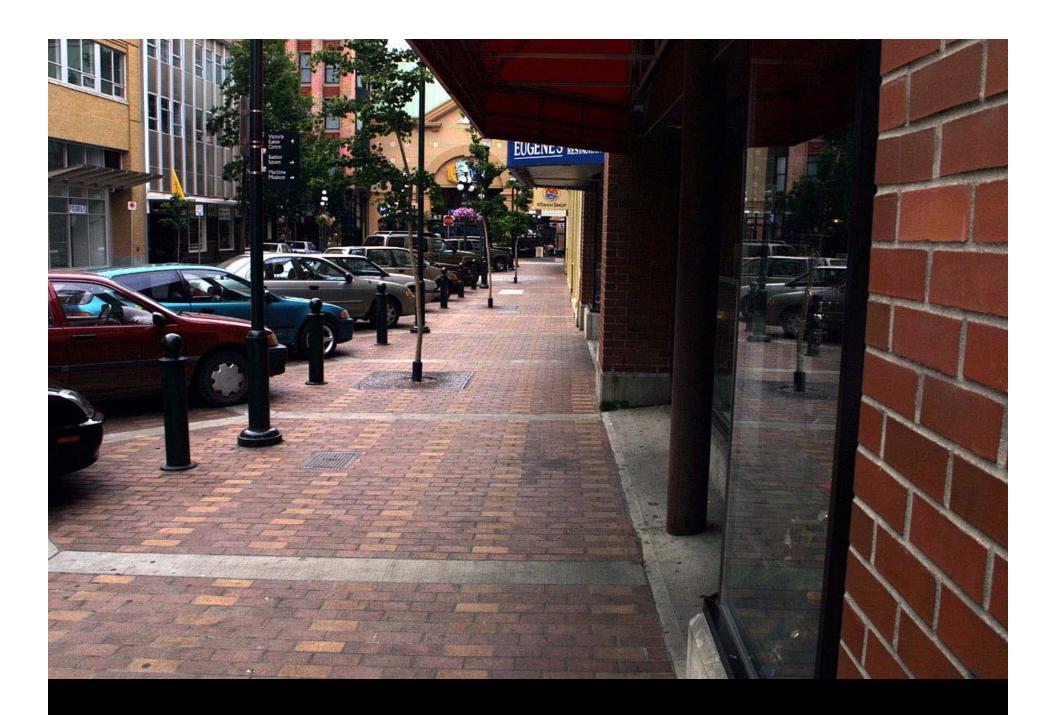
Abacoa Downtown







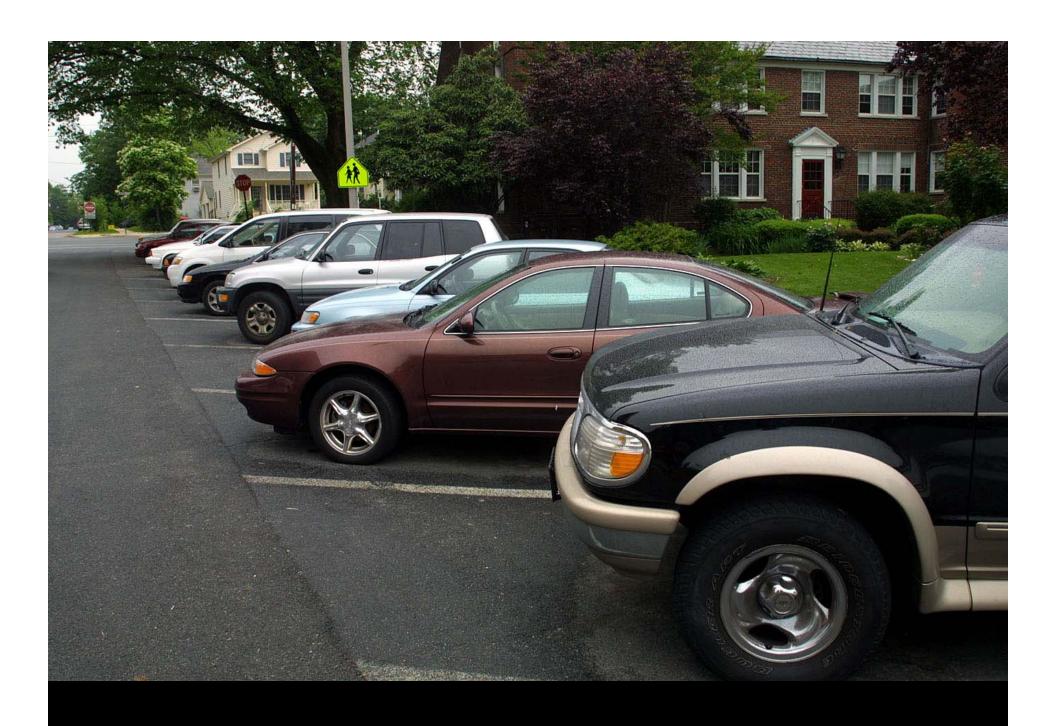
Victoria, British Columbia





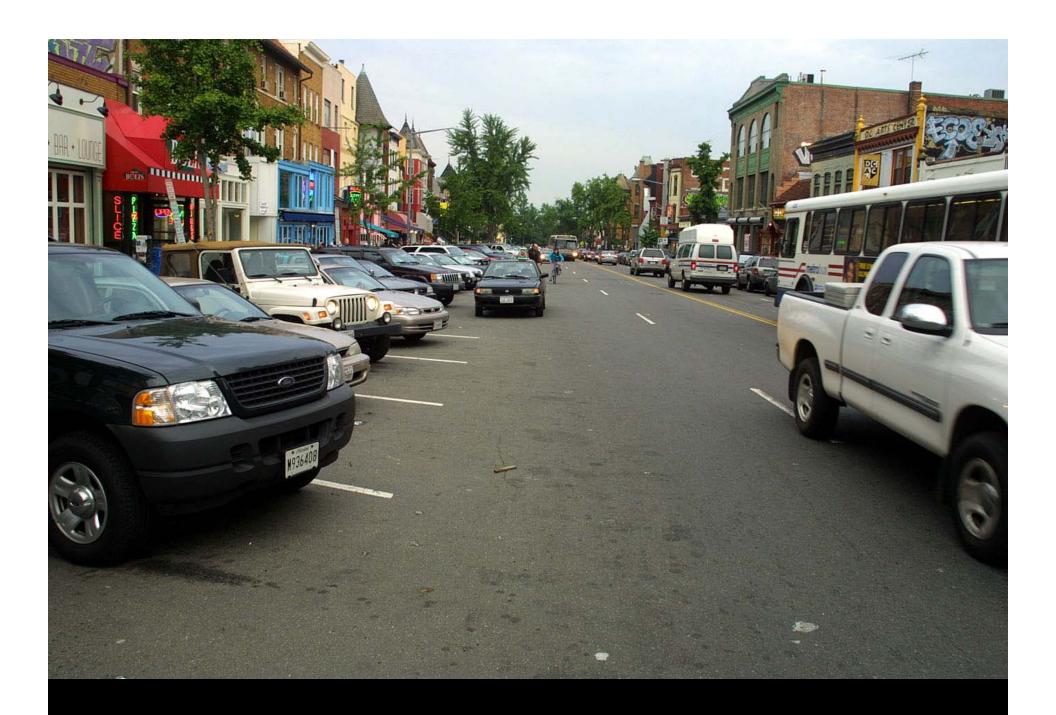
San Francisco, California











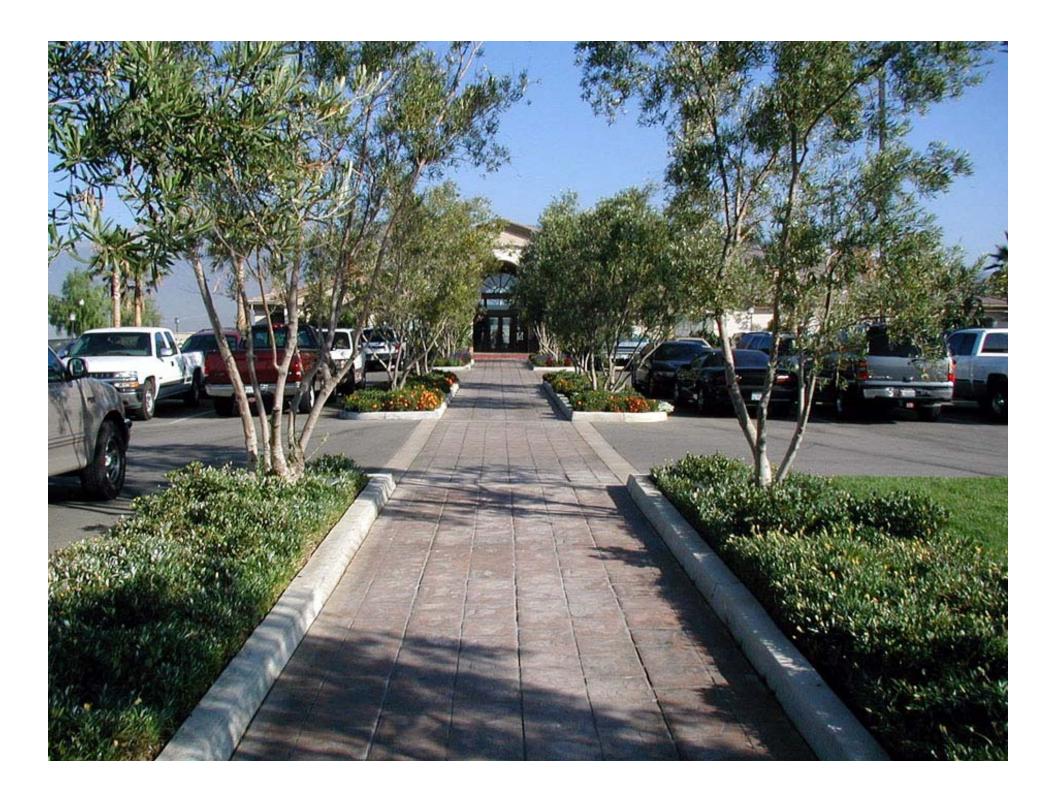












Road Diets



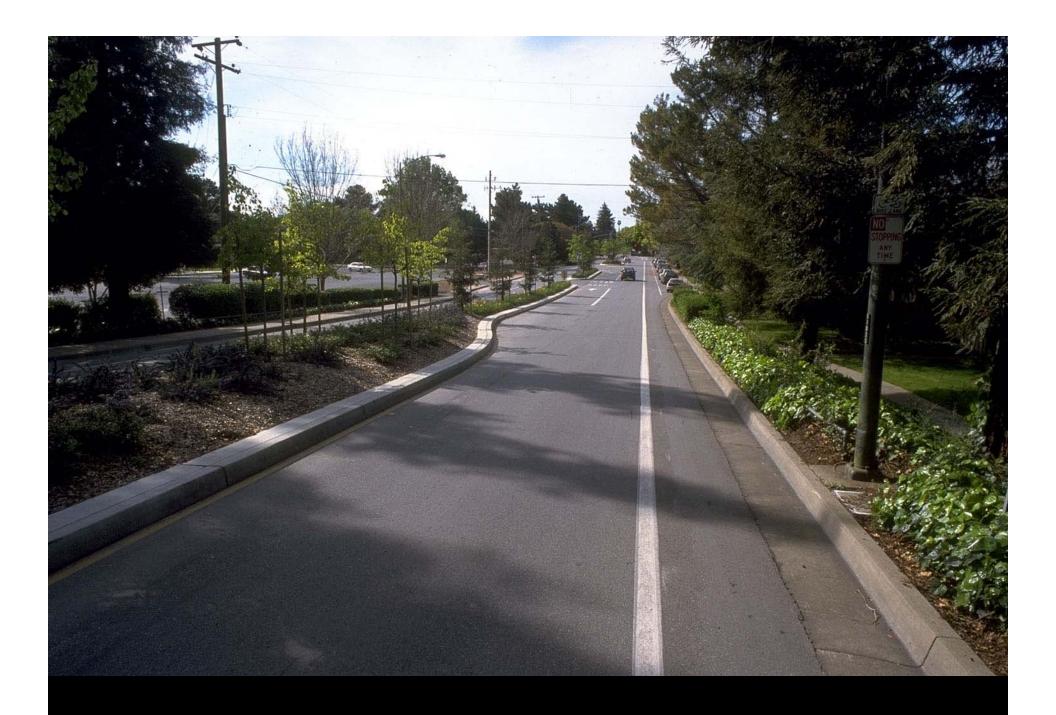
1800 vehicles per hour per lane

800 vehicles per hour Per lane















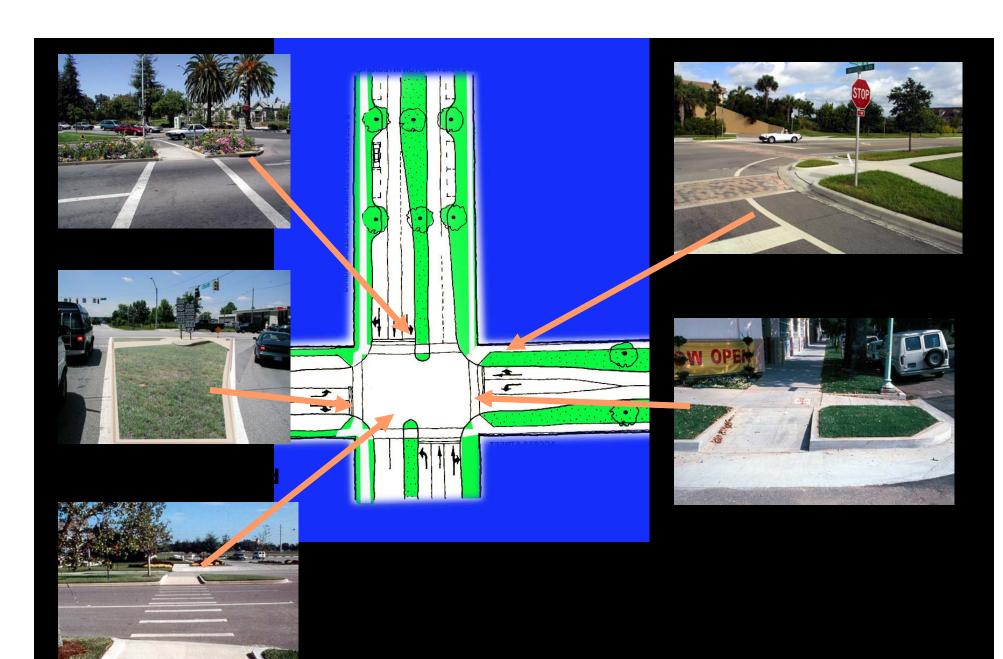
ntersections

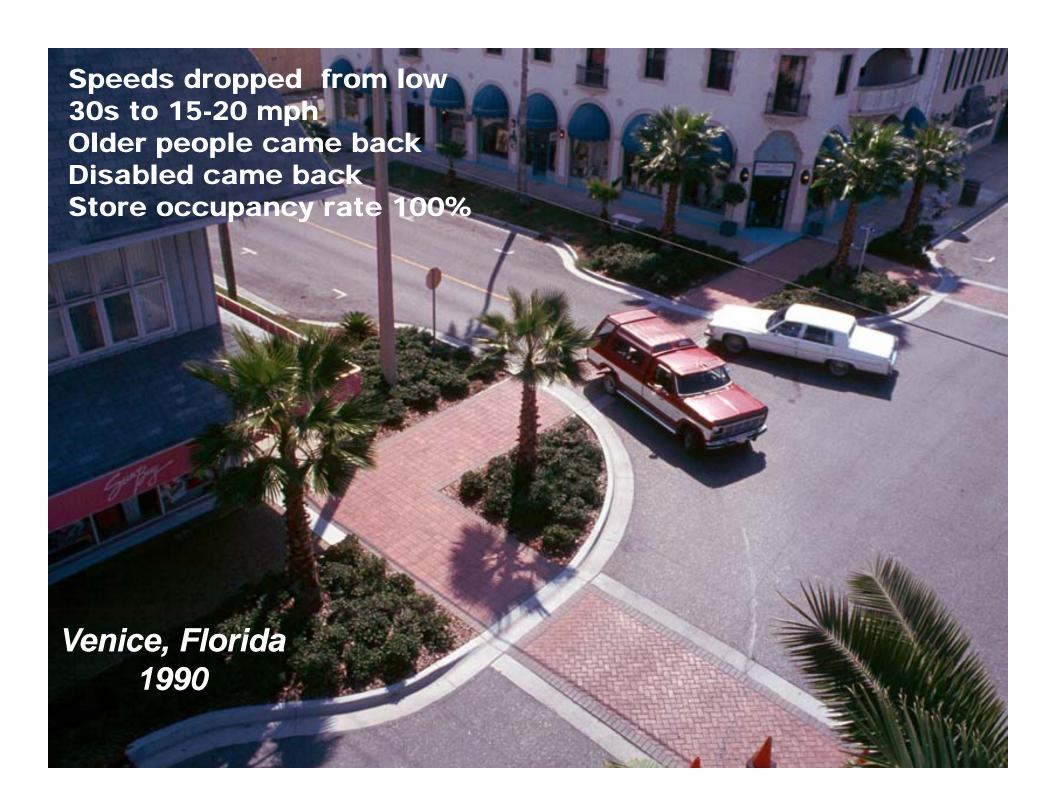


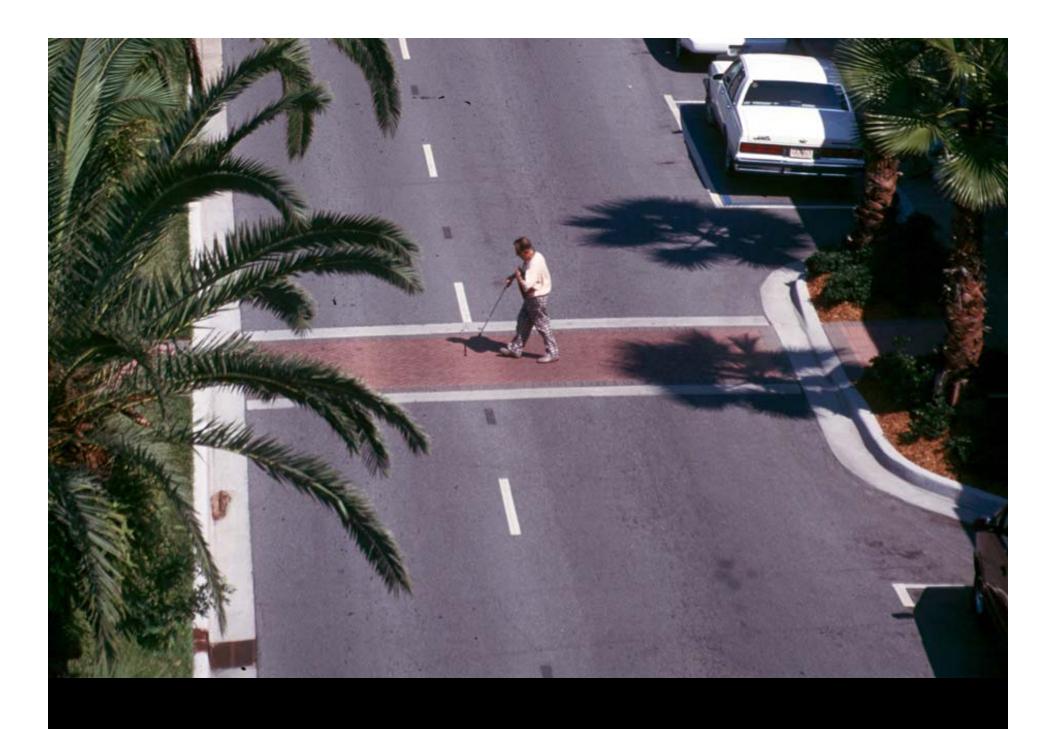


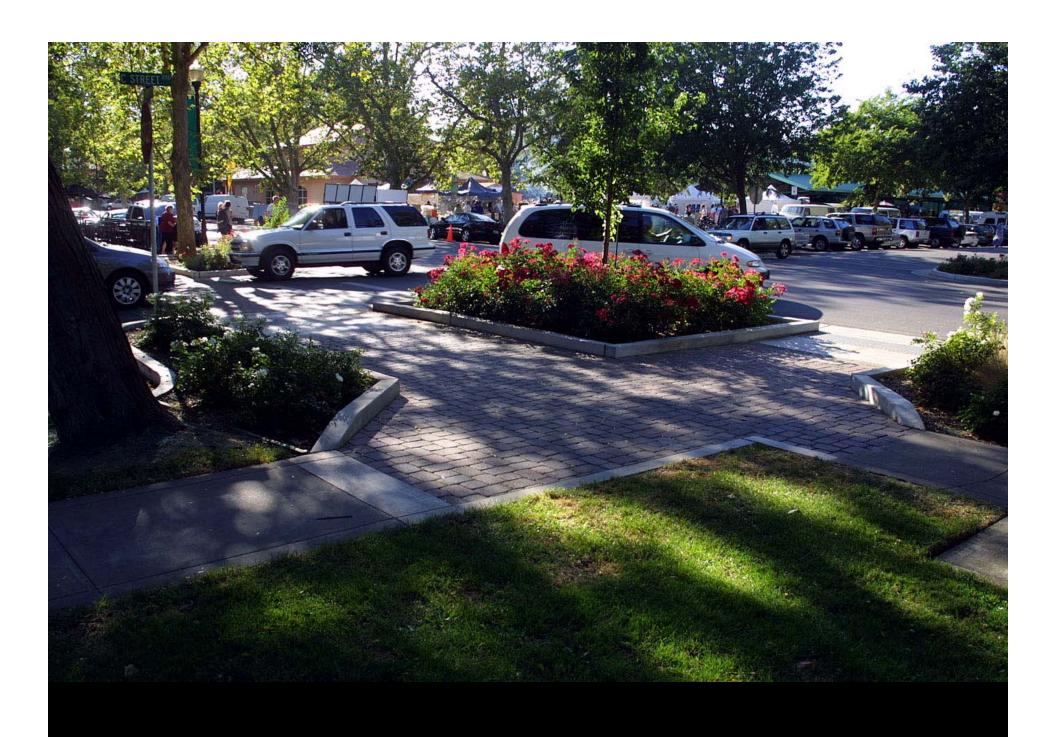
Mountain View, California

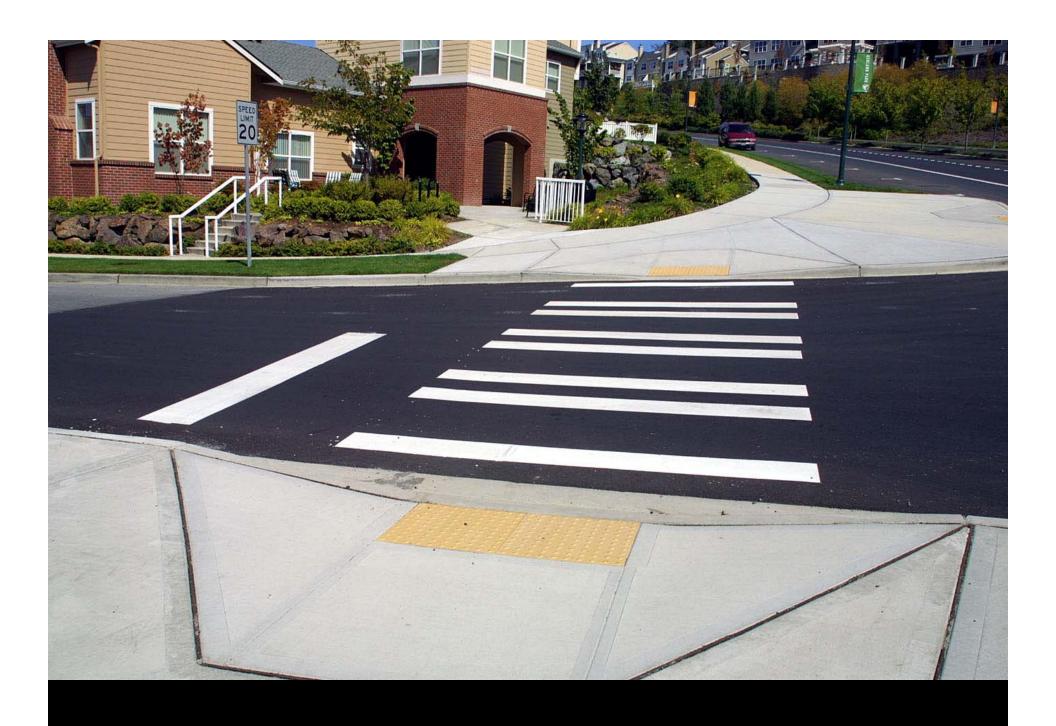






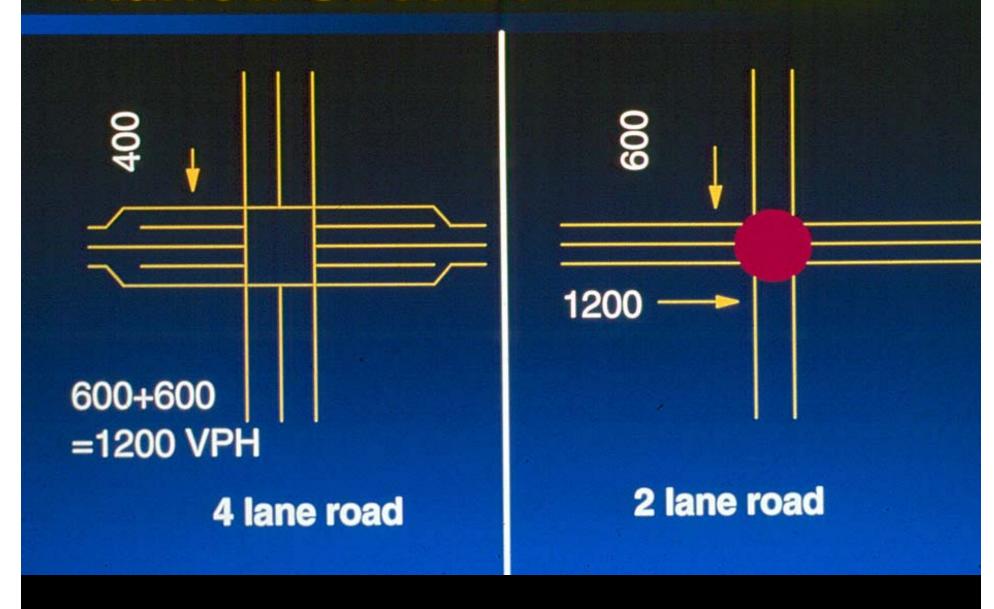


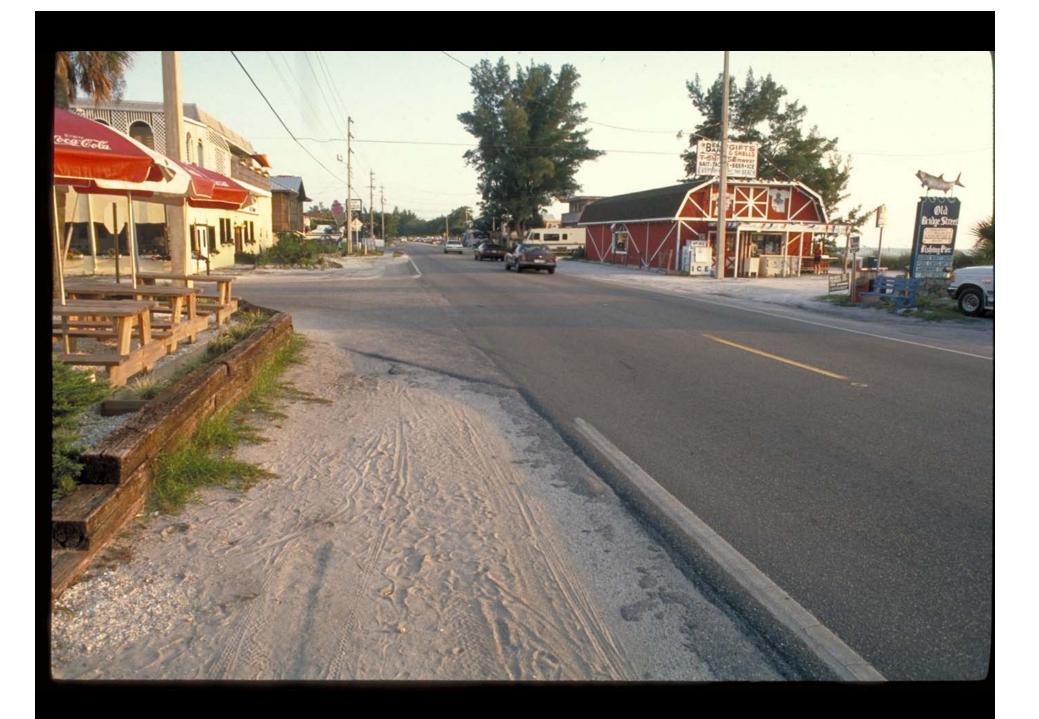




Roundanouts

Narrow Streets / Wide Nodes





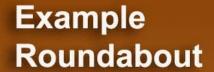


Cotati, California: Old Redwood Highway looking north



Gridley, California: State Highway 99 looking north





Benefits:

Injuries redued 90% 30% more traffic capacity

Gateway entry

Pedestrian friendly

Speeds controlled

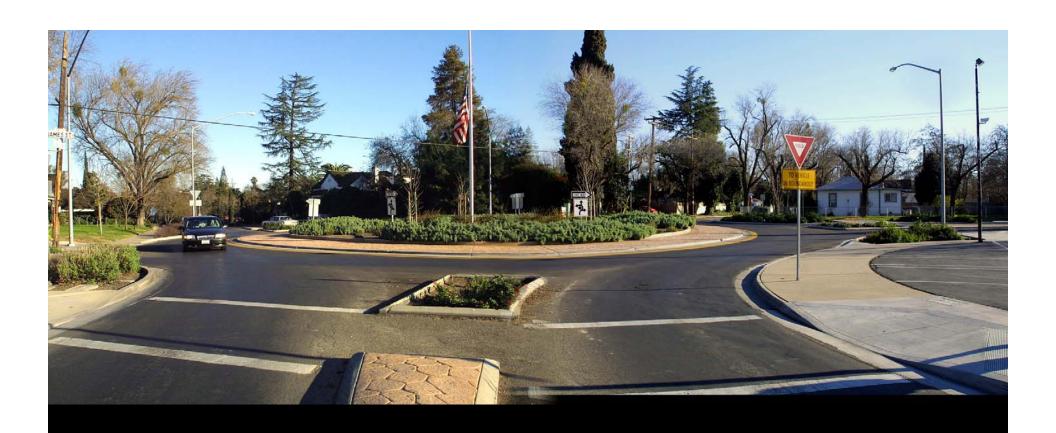
Reduced noise

Reduced pollution

Reduced maintenance

Business friendly





Modesto Roundabout LaLoma and "G" Streets 20,000 vehicles per day



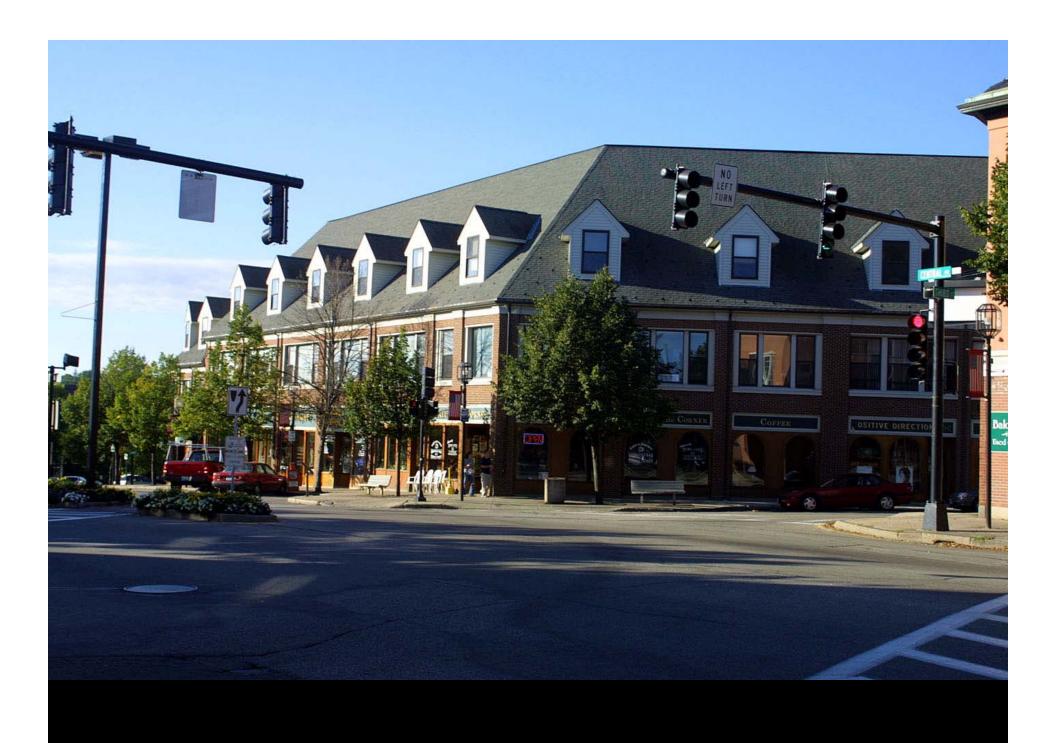


Roundabouts work in Snow Country





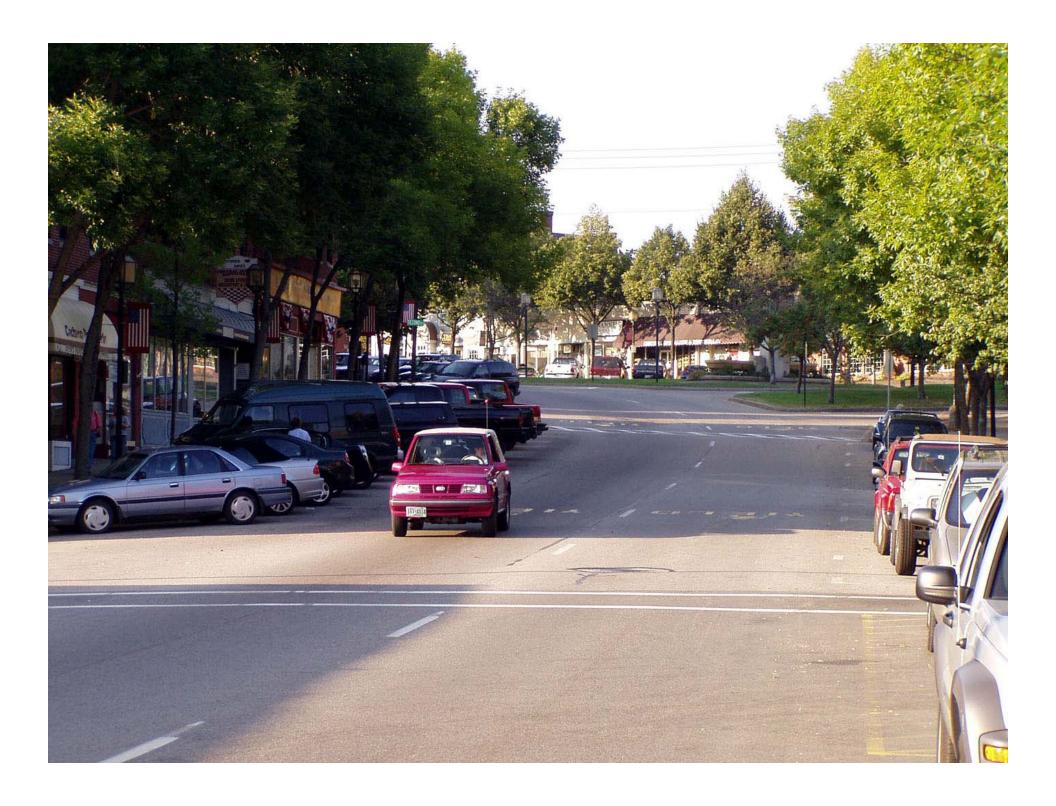






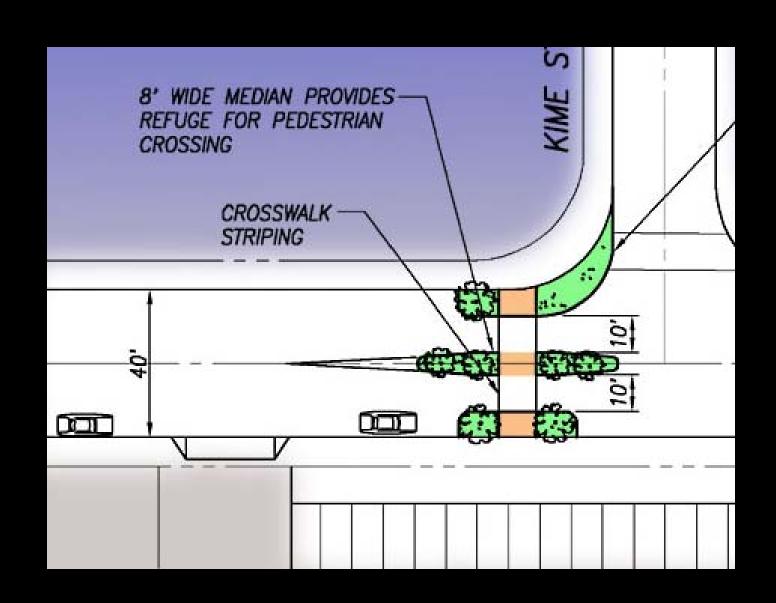


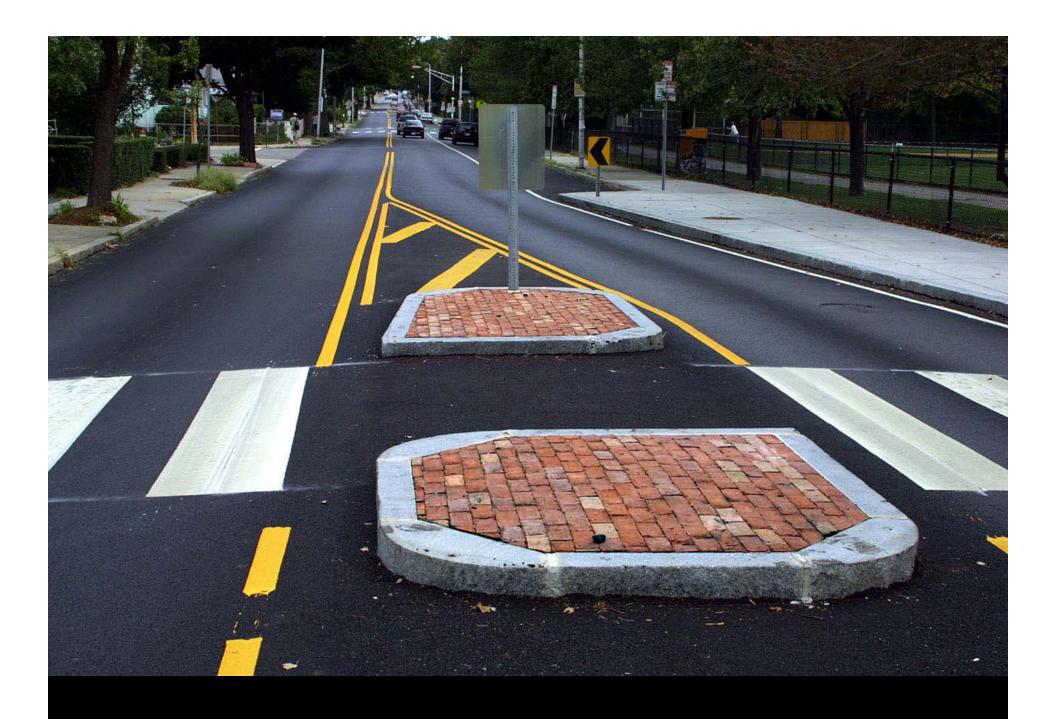




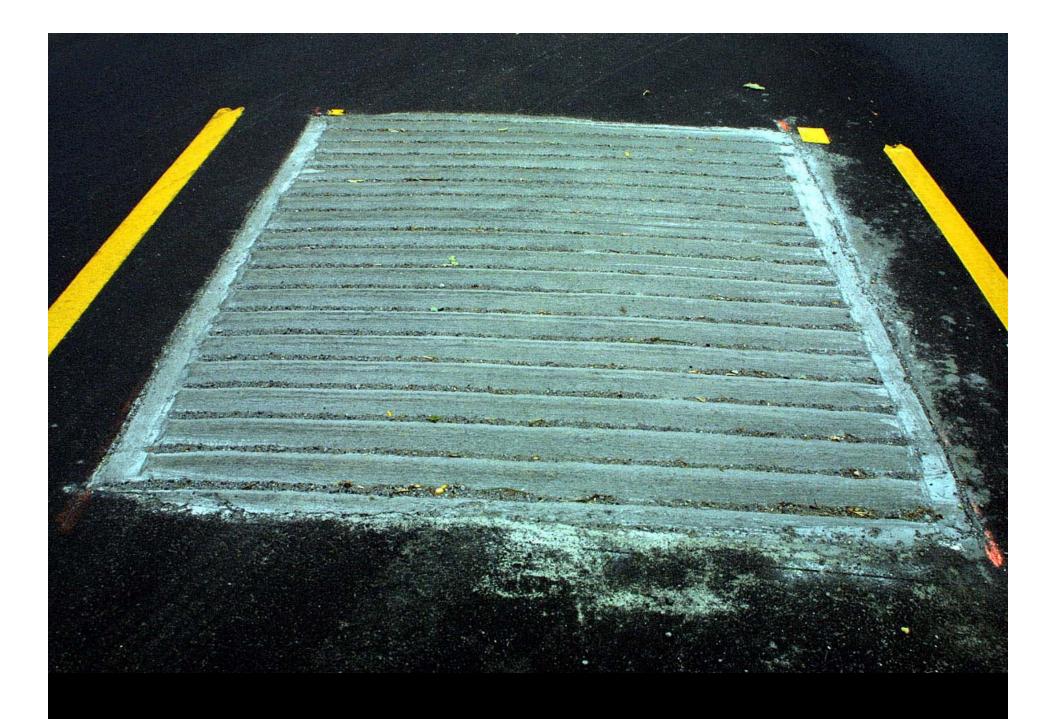


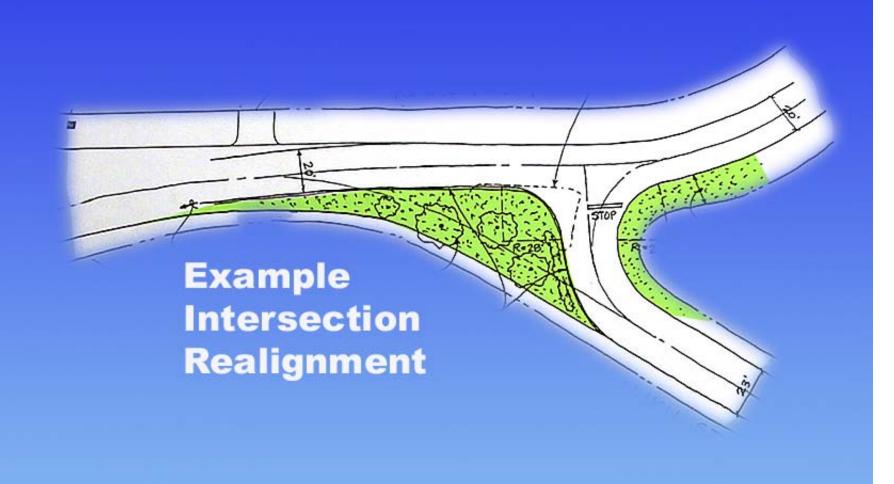


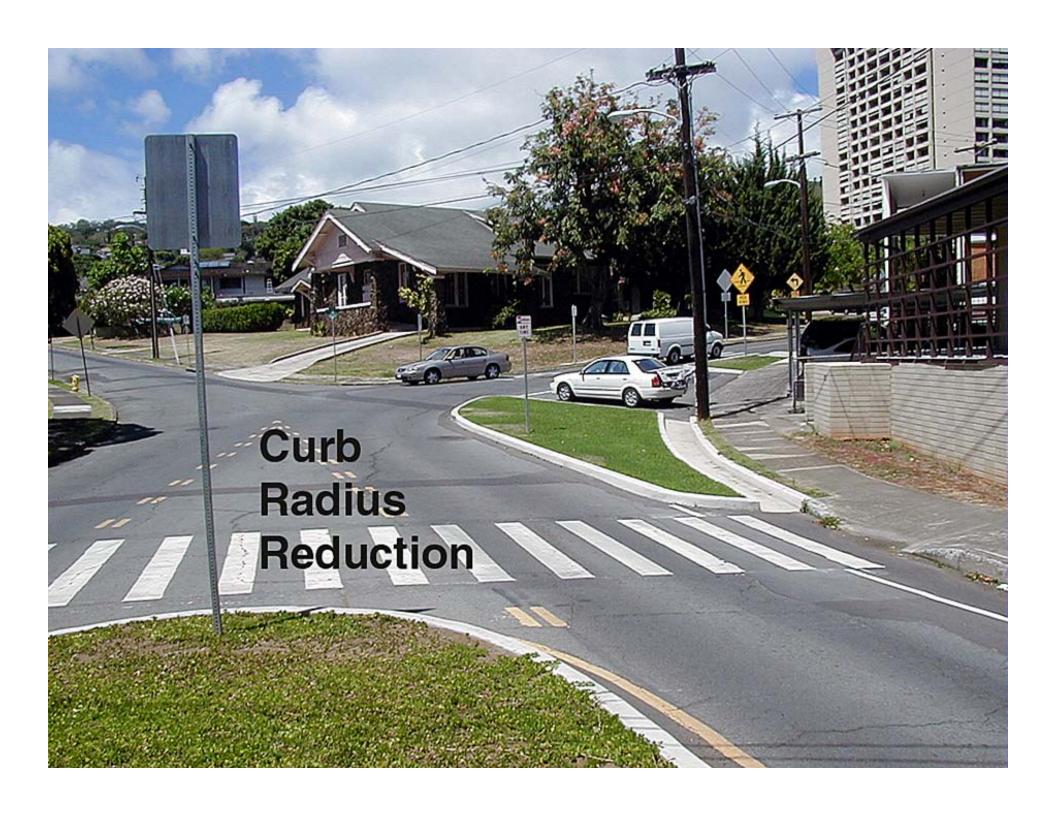


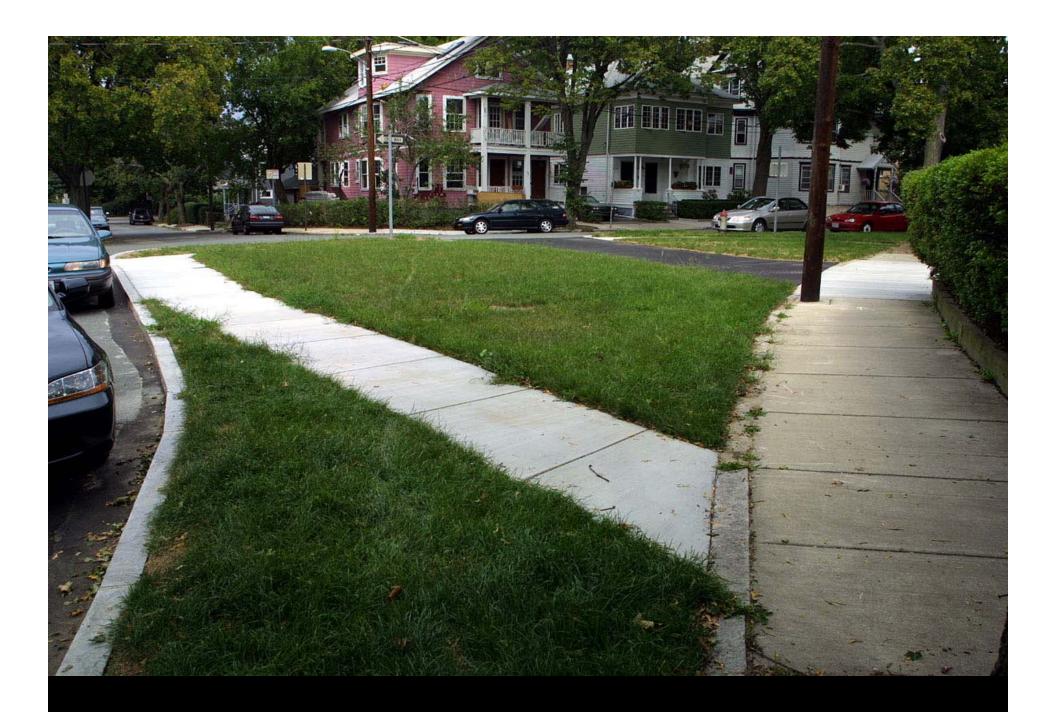


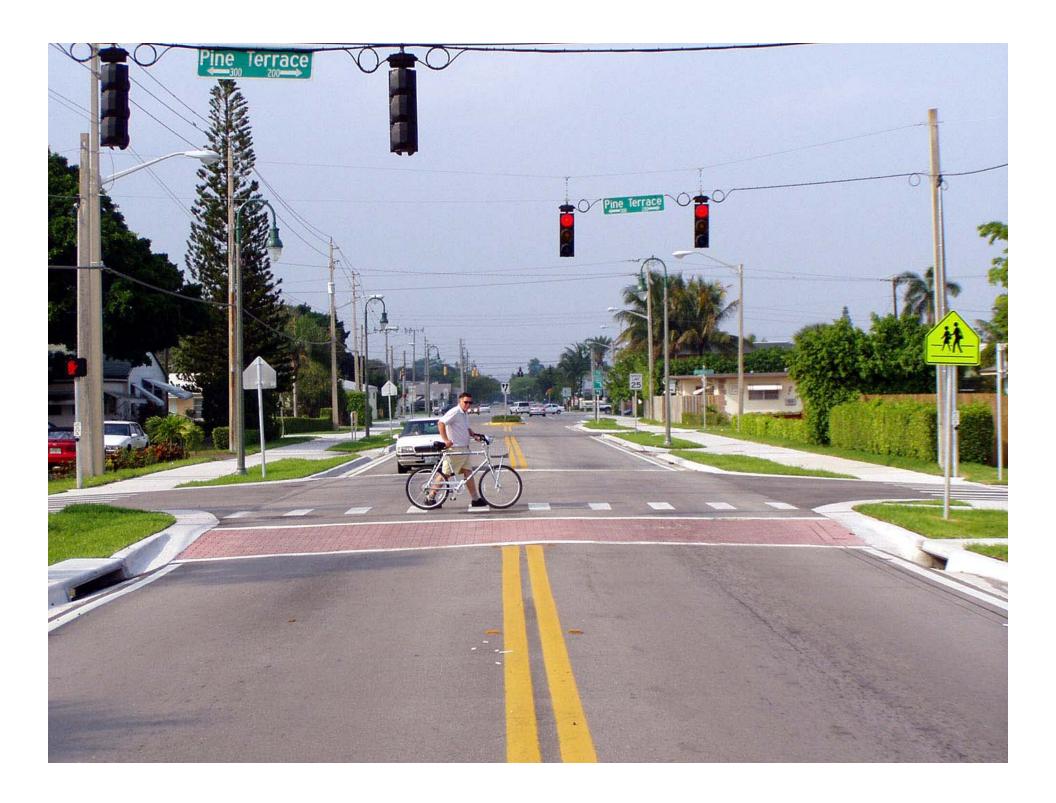








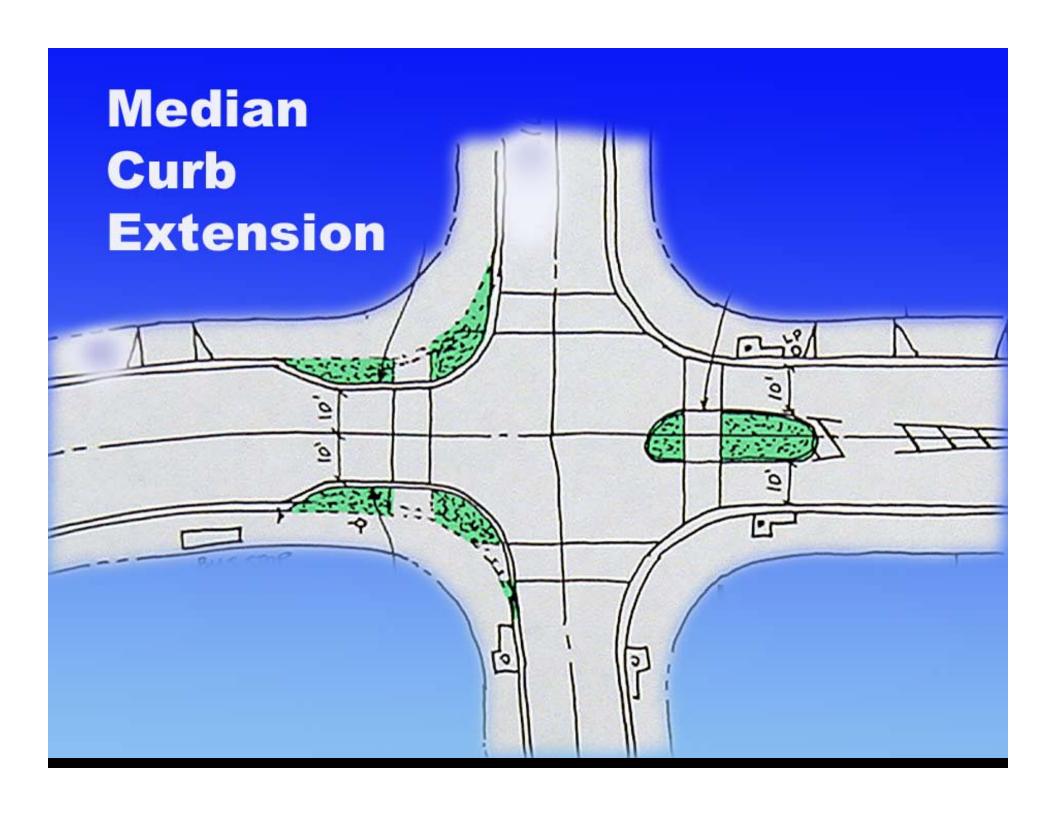












MidBlock Crossings



For more than forty years, while suburban outer rings have been built we have failed to develop guidance for crossings midblock. Signals on busy roads are rarely placed at frequencies greater than 1/2 mile. This leaves the engineer with little to go on. Fortunatly, today many communities are learning the skills to place effective crossings on two-lane and some multi-lane roadways. One or two features are used for 2-lane roads, while 4 or more devices, including signals in sime locations,

Mid Block Applications

Needed on long blocks

School locations

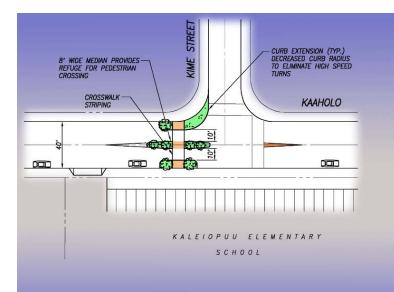
Trail crossings

Effective on curves

Many tools

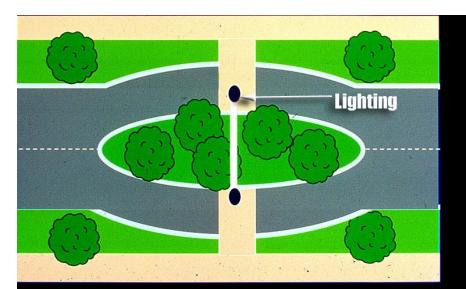
Harder to fit

Personal property issues

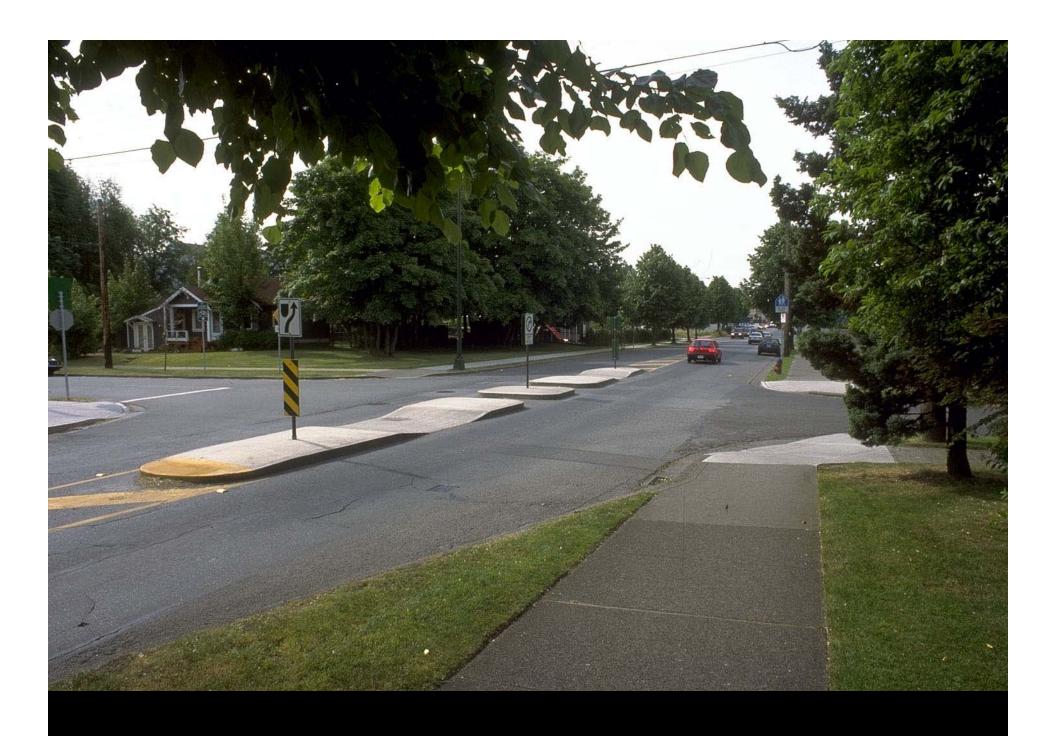


MEDIAN CROSSING WITH CURB EXTENSIONS







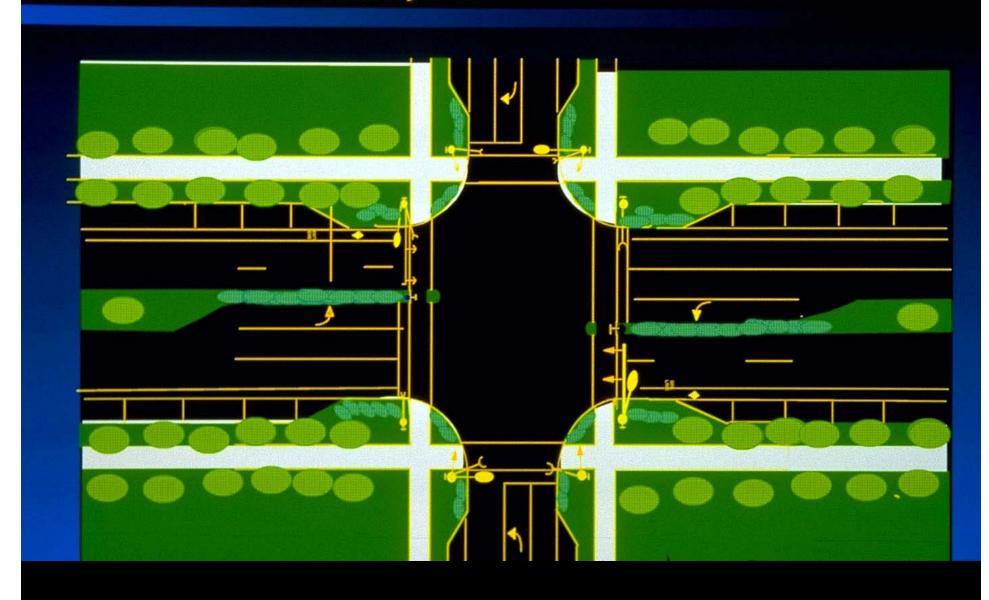


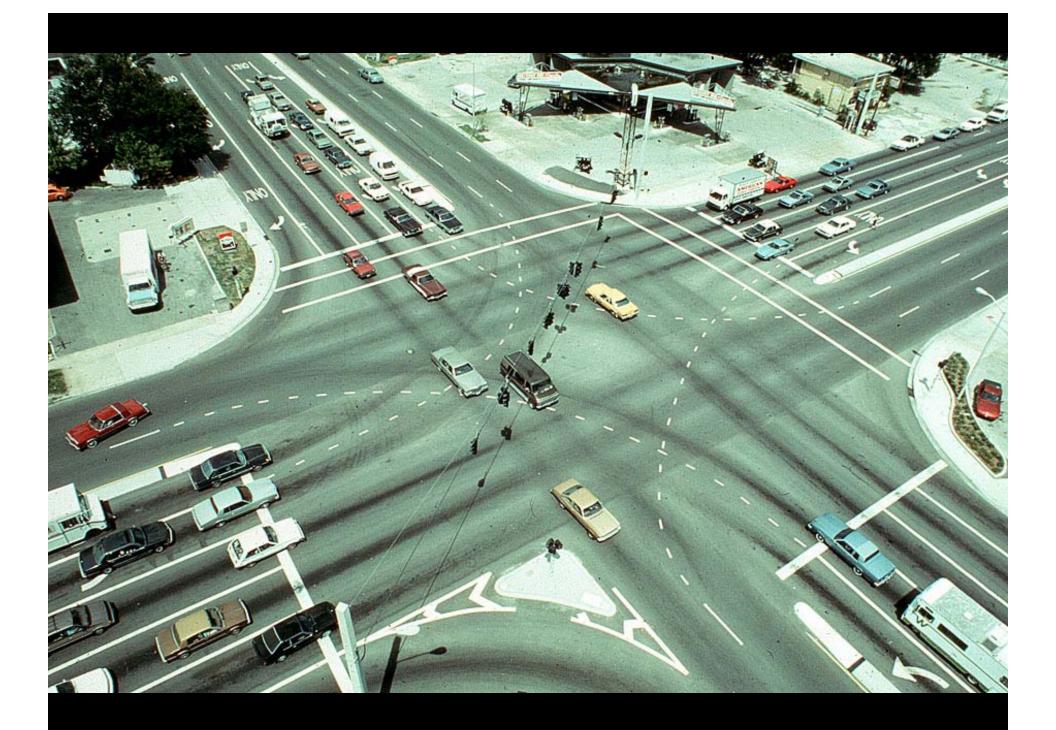
8

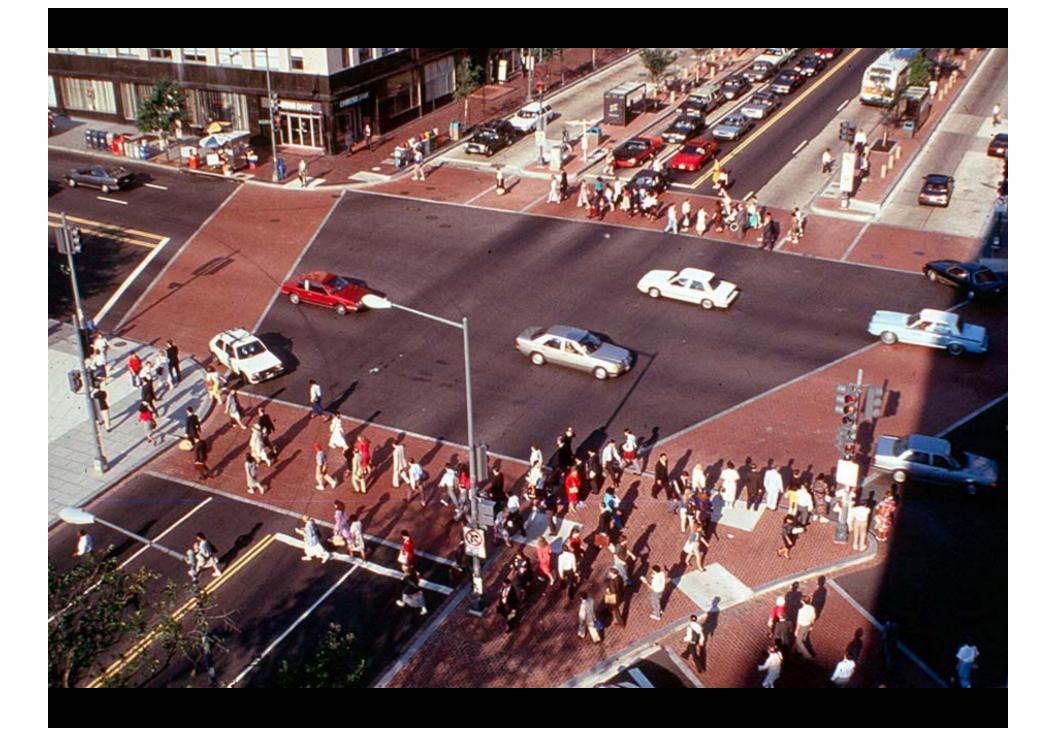
Intersections And Midblock Crossings

GOMBITIES

ONE EXCELLENT INTERSECTION (Dan's Version)





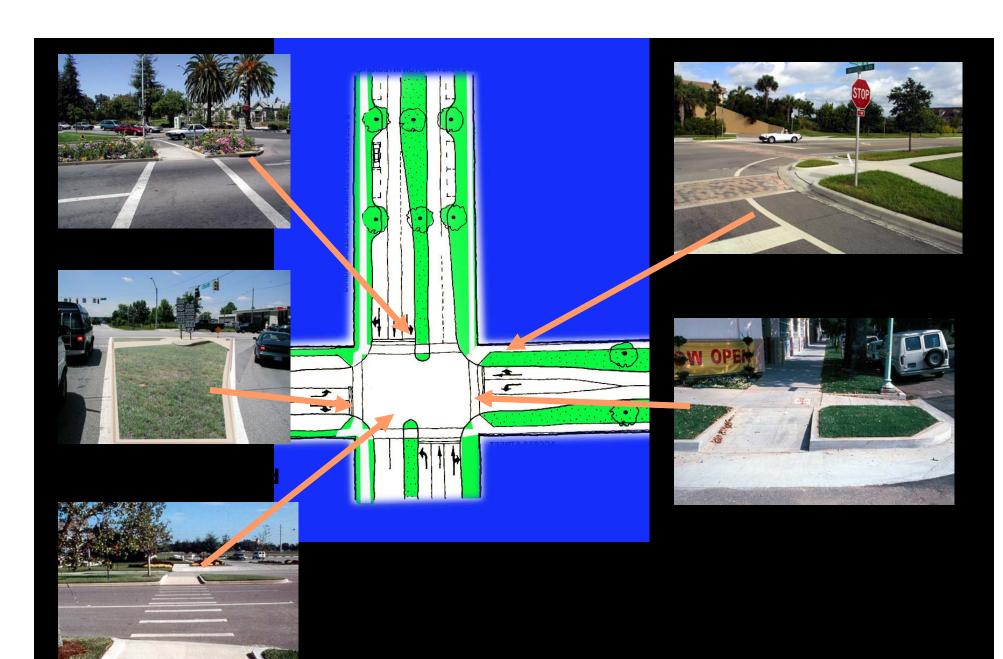






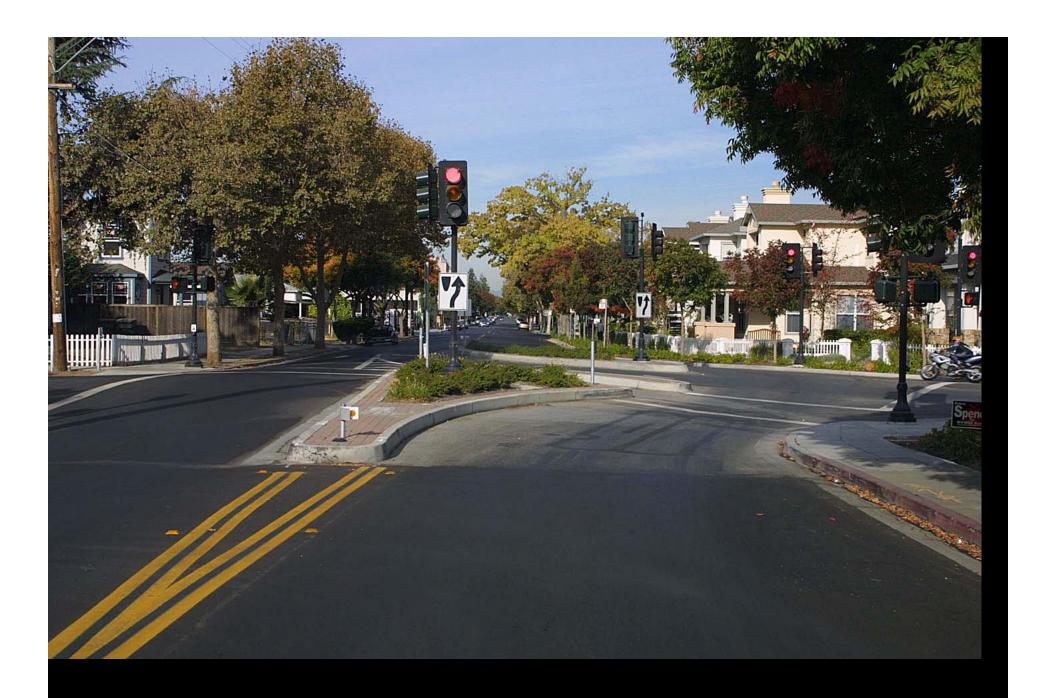
Level of Service F Level of Service

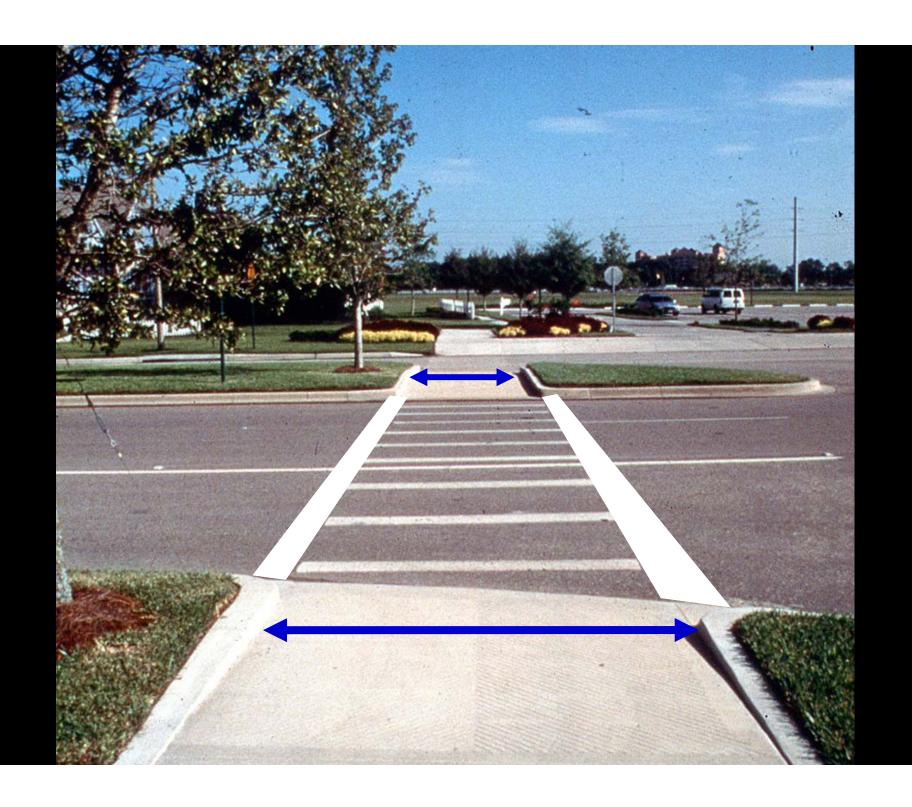
Level of Service B

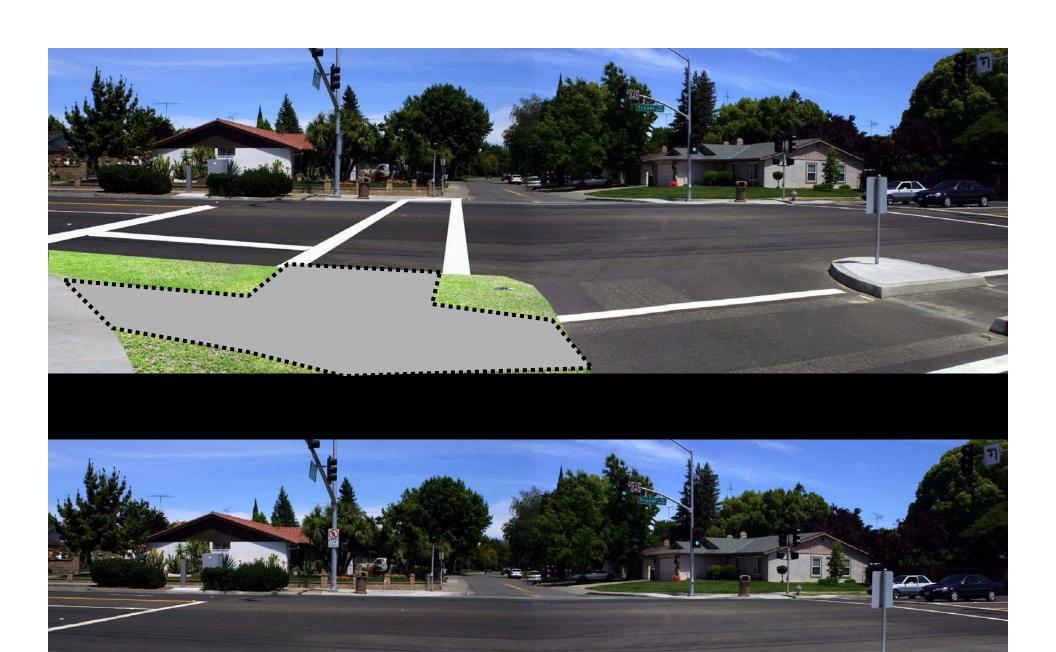




















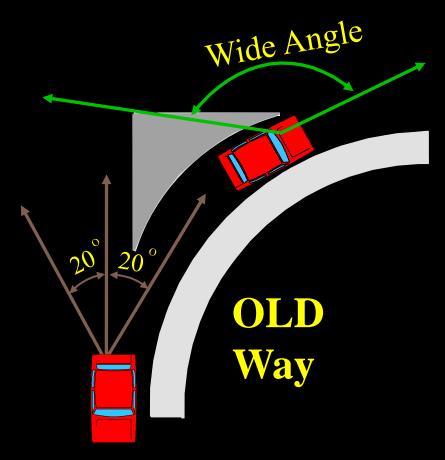
Level of Service F Level of Service

Level of Service B

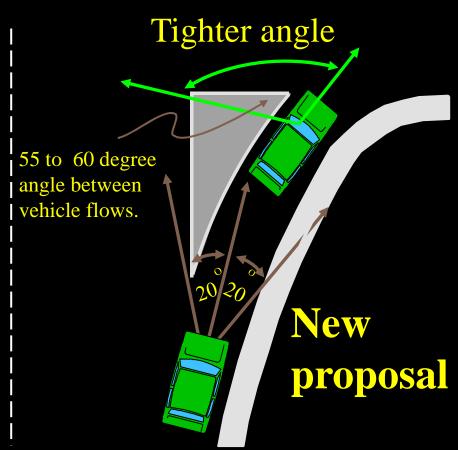




RIGHT-TURN SLIP LANE DESIGN

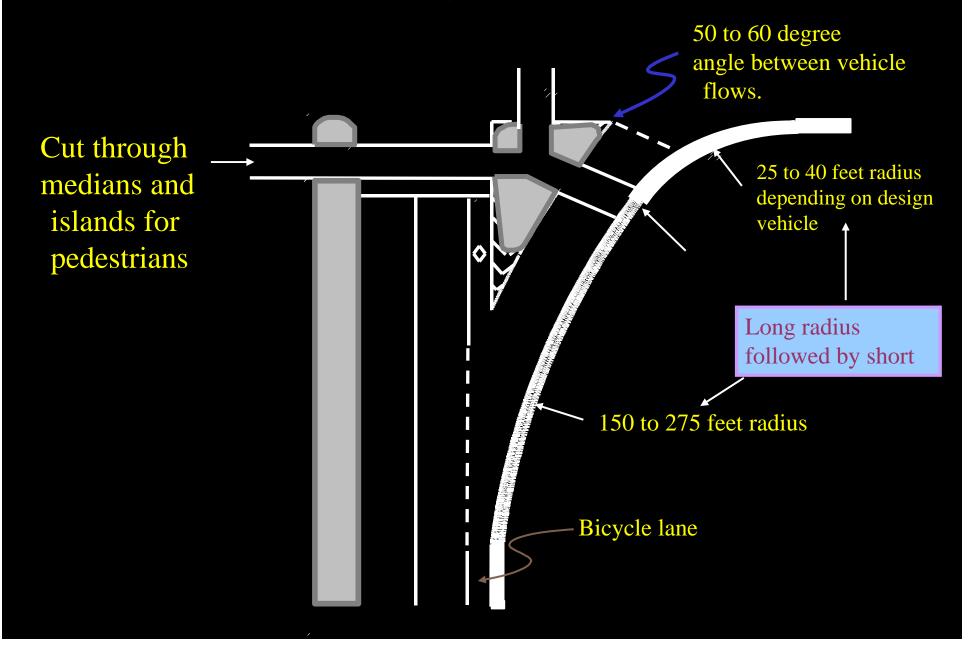


High speed, low visibility of pedestrians, a real head turner

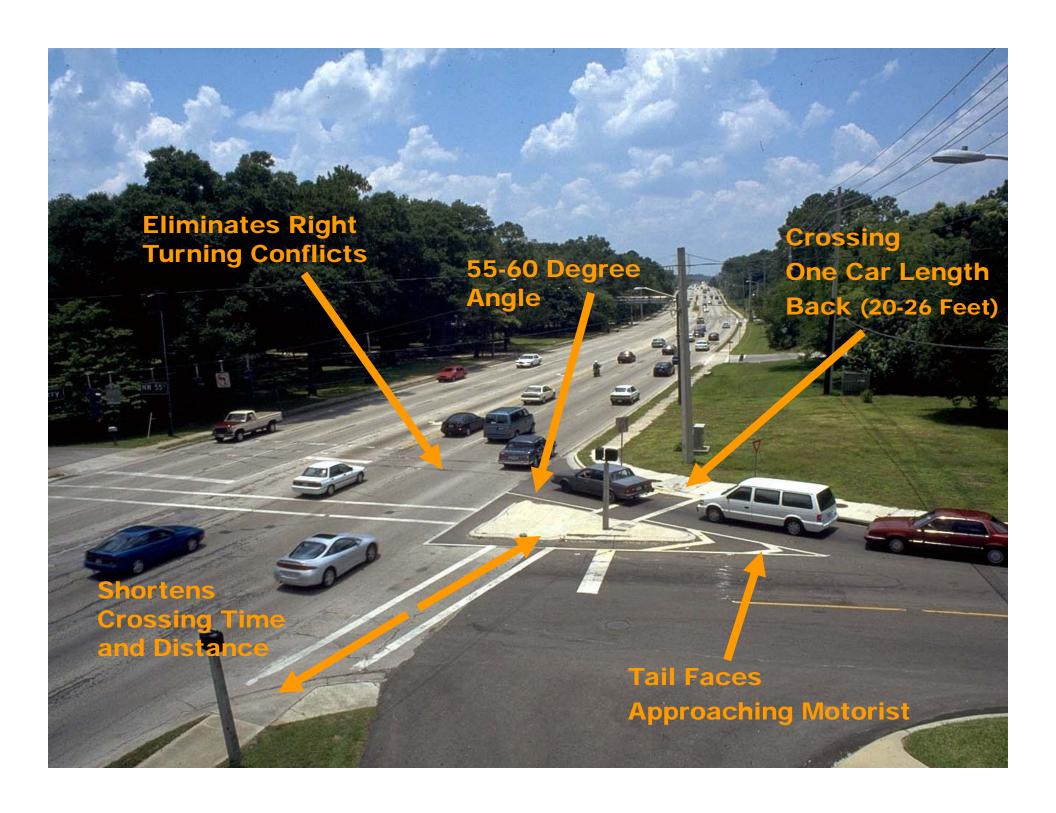


Vehicle speeds 14 to 18 mph, good visibility of pedestrians

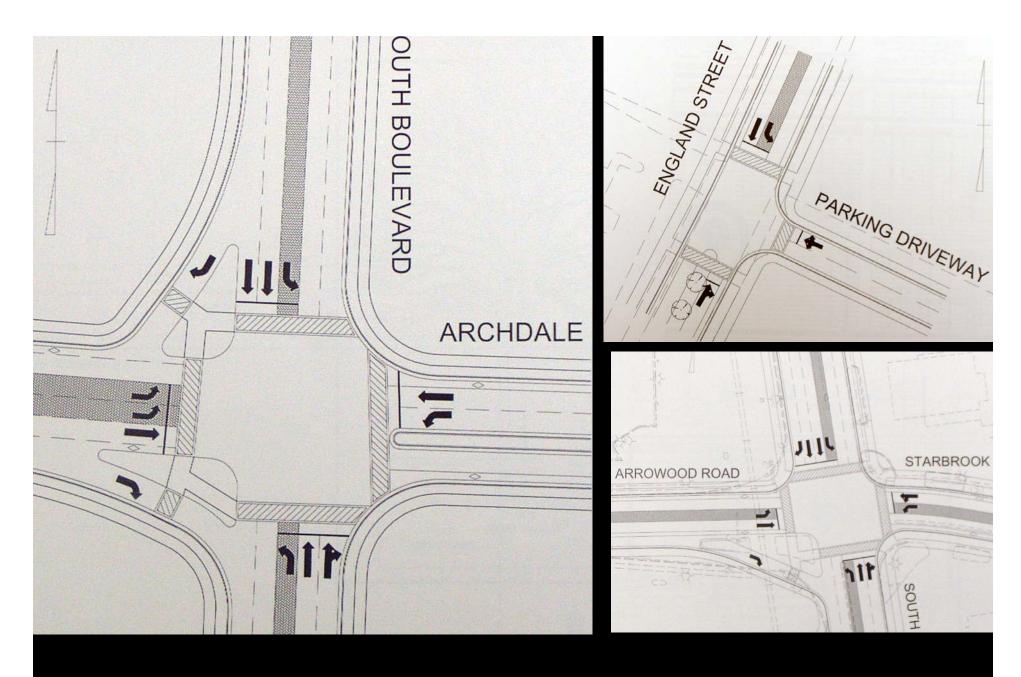
RIGHT-TURN SLIP LANE









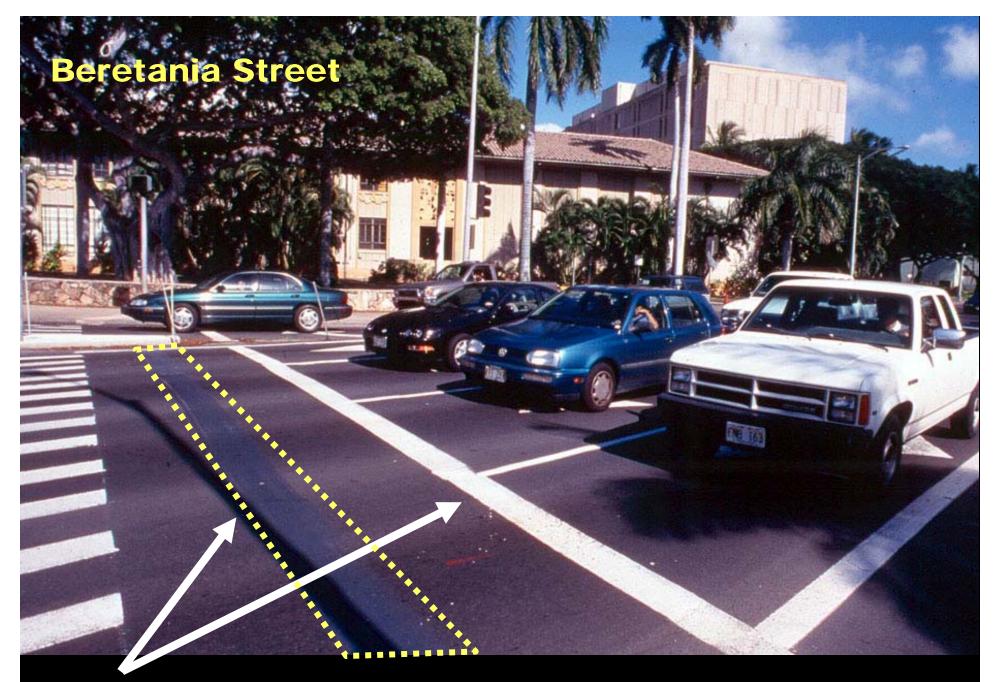


Compact Intersections

Traffic Operations

Stop Bar Meets Standards, But Too Close



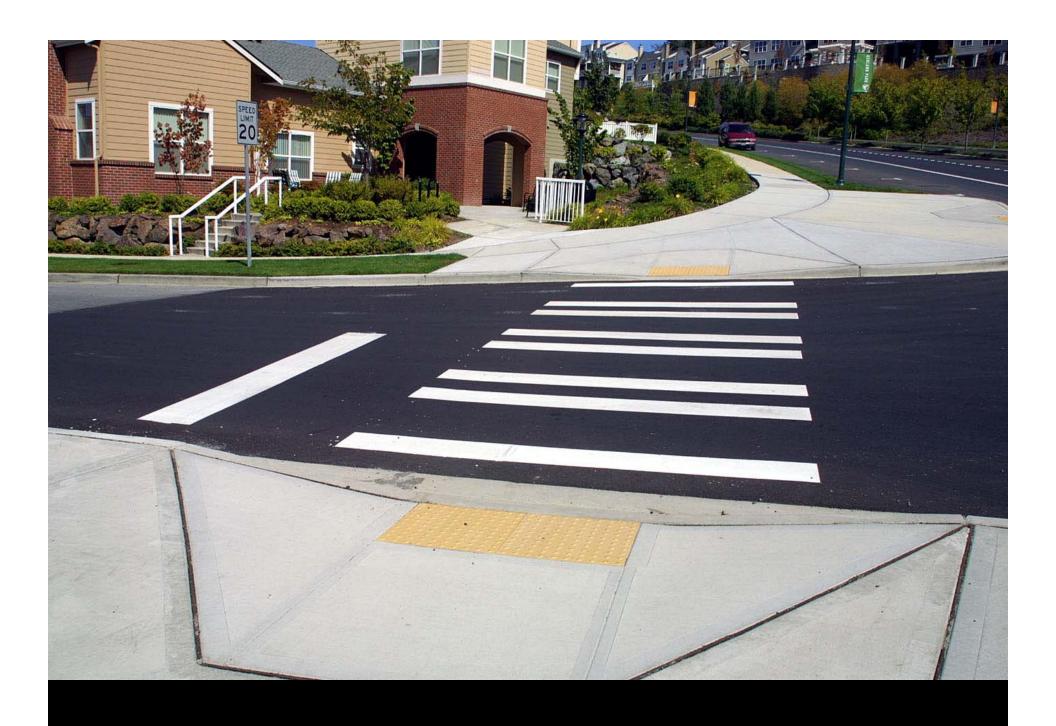


Stop Bar pulled back. Breaks Guidelines









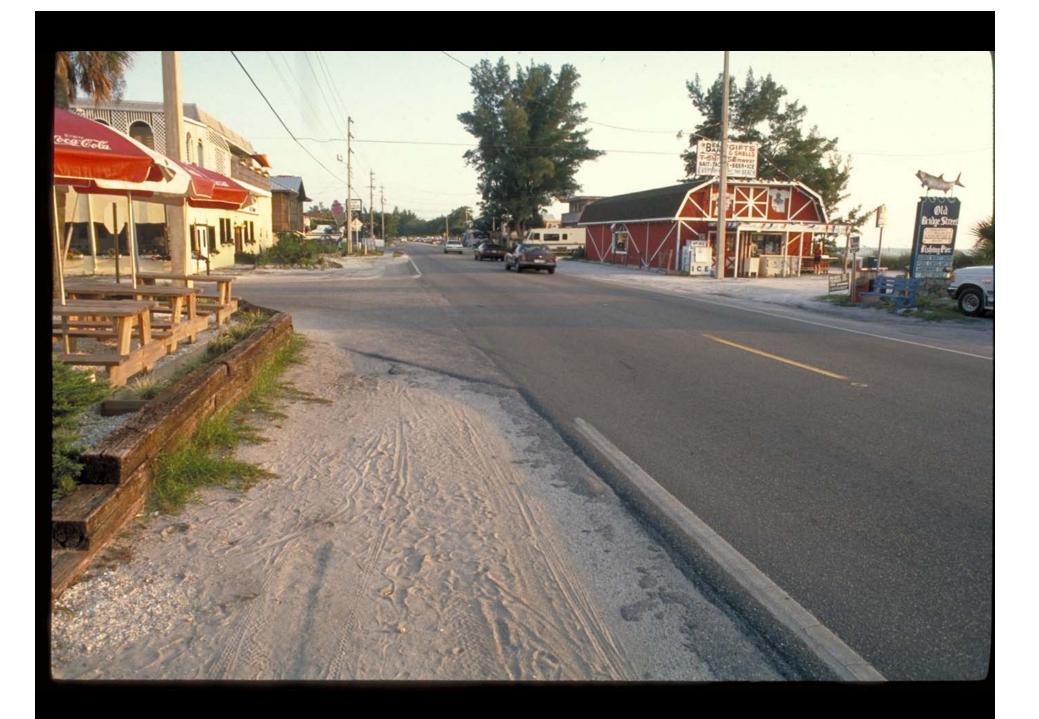
ROUNGAMUES

Cotati, California: Old Redwood Highway looking north



Gridley, California: State Highway 99 looking north

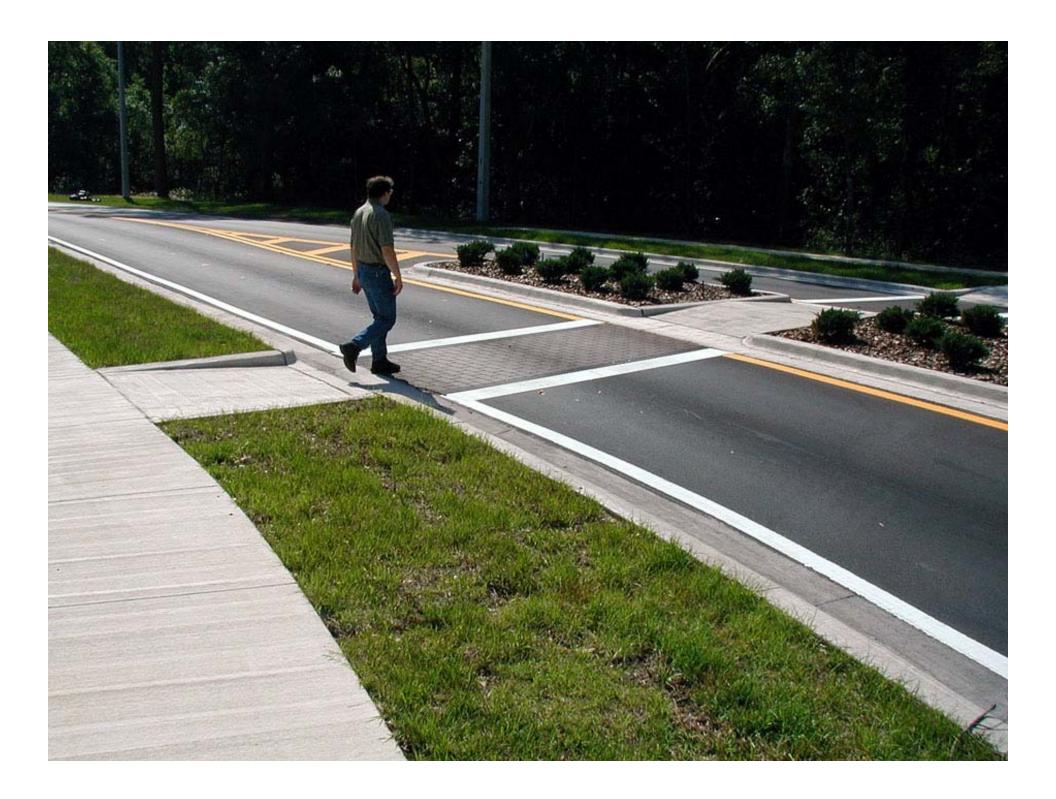














Roundabouts work in Snow Country





Before



After





