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*Walking is the exercise that does not need a gym. It is the prescription without medicine, the weight control without diet, and the cosmetic that can't be found in a chemist. It is the tranquilizer without a pill, the therapy without a therapist, and the holiday that does not cost a penny. What's more, it does not pollute, consumes few natural resources and is highly efficient. Walking is convenient, it needs no special equipment, and is inherently safe."*



A walkability plan must set a stage for all other modes of transportation to work, including transit. If people cannot walk then transit remains ineffective.



# Placemaking:





**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**















# How do WE get there?

- It starts with Highway 5
- WE MUST work with the Highway Department to achieve what WE want

Public Hearing

December 4, 2012







# Hwy 5: What it is now..



# Higher Design Speed than Posted Speed



**Conventional Design**



**Using Desired Operating Speed**

The images above show the difference between designing for the desired operating speed.<sup>1</sup>



# These are what the plans are:

## The Good:

- Bike Lanes
- Sidewalks
- Median





# These are what the plans are:

## The Bad:

- 4 lane road with no turning lane
- 2 ft. Median
- No buffer between sidewalk and highway
- Crosswalk plans for school/churches are unknown
- Power lines plans are unknown



# The Problem

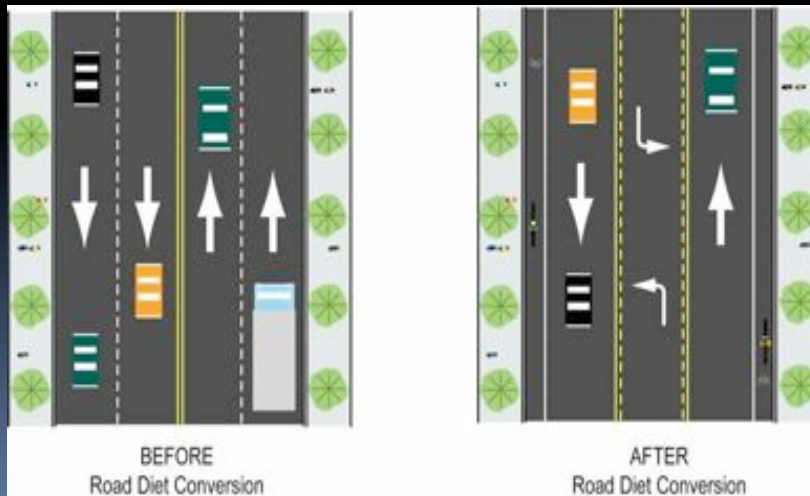
## The 4 Lane Road:

- Still no turning lane
- Typically 50-80 ft wide causing higher design speeds than posted and too far for someone to cross on foot or in a wheelchair
- Devalue land of homeowners and business properties
- Take parking spaces away
- Safety of school/church children



# 4 Lane Road Options:

- Use adopted Complete Street Policy Road Diet for a middle turning lane
- 10-11 ft wide lanes with breaking medians
  - Both lane widths and wide medians will slow drivers down in front of your business



The diagram shows two cross-sections of a 4-lane road with dimensions. The 'Before Road Diet' section shows a 4-lane road with two travel lanes in each direction, a central dashed yellow line, and a wide median. The dimensions are 14'0" for the outer edges, 8'0" for the inner edges, and 22'0" for the travel lanes. The total width is 80'0". The 'After Road Diet' section shows the road after a road diet conversion, with two travel lanes in each direction, a central dashed yellow line, and a wide median. The dimensions are 10'0" for the outer edges, 7'0" for the inner edges, and 22'0" for the travel lanes. The total width is 80'0".

A road diet re-allocates the existing right-of-way to better support all modes of transportation: pedestrians, bicyclists, motorists, transit and freight/delivery. After a road diet, one vehicle travel lane in each direction allows a prudent driver to set the prevailing speed for all cars following them. On-street parking and comfortably wide bike lanes create buffers of two kinds - between motorists and the edge of the road, and between pedestrians and moving traffic. The center lane can be used for left turns, pedestrian refuge crossing islands or for delivery boys.

# The Problem

## The Median:

- 2 ft is not wide enough
- Not ADA compatible
- Not wide enough for beautification
- Doesn't provide a safe haven for those walking/biking across the street



# Median Options:

- Short Medians
- Median Width
  - Typically 6-8 ft wide, but can vary for landscaping, maintenance and adequate “refuge” for pedestrians





# The Solution

## Sidewalk Buffer Zone:

- Include 5 ft buffer zone with 5 ft sidewalk
- Hide power lines



# Crosswalk Plans :

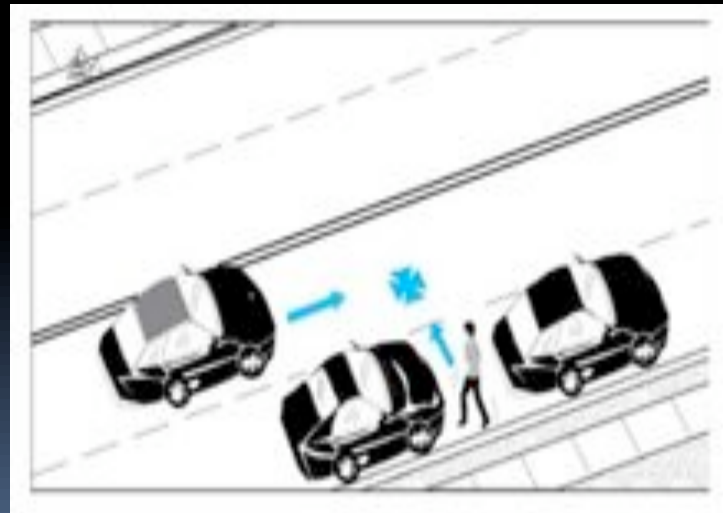
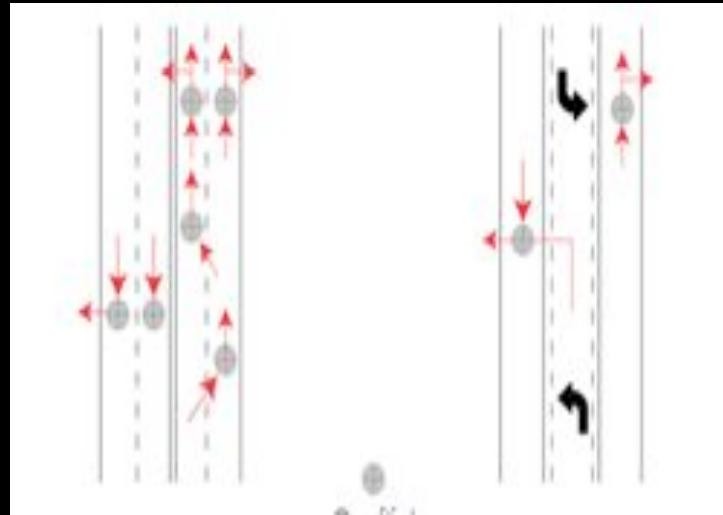
- Safety crossing for children, churches and businesses
  - Island medians
  - Pedestrian Signage
  - Raised Crosswalks
    - Slows traffic down to 15-25 mph
    - Is NOT a speed bump





# Safety:

- The immediate right shows conflict points or opportunities for accidents on a 4 lane road
- School buses drop children off on Highway 5
  - How would they cross a 4 lane road?



# Economic Growth Questions?

- If people have to get into their cars to shop or go eat, what's stopping them from going to Little Rock?

You

*I am making*  
~~I HAVE SEEN~~  
THE FUTURE

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*Make the Future*

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