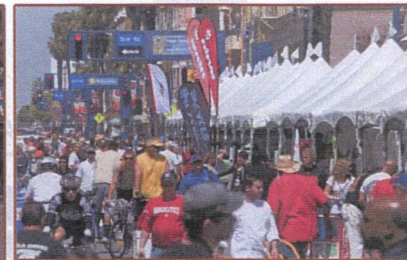


3<sup>rd</sup> & Broadway Separated Bikeway  
&  
Vista Bike Boulevard





# Three Pilot Projects



Bike Boulevard

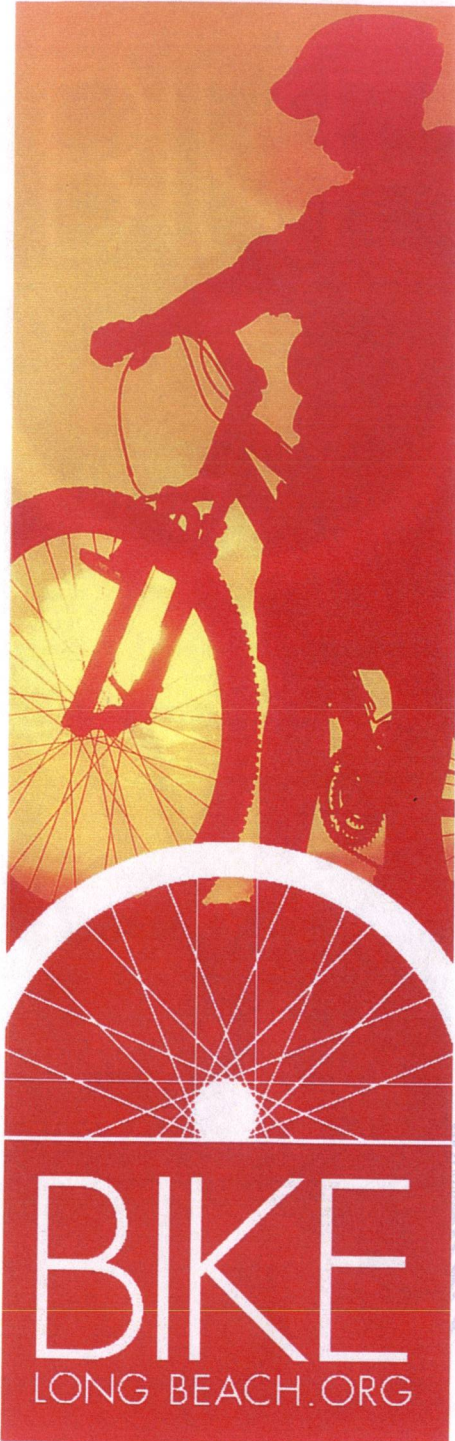


Green Sharrow



Separated Bikeway





# Pilot Project Selection

1

## PURPOSE

Create more livable neighborhoods

2

## CHALLENGES

Improve safety for pedestrians and cyclists and reduce sidewalk cycling in business districts

3

## OPPORTUNITY

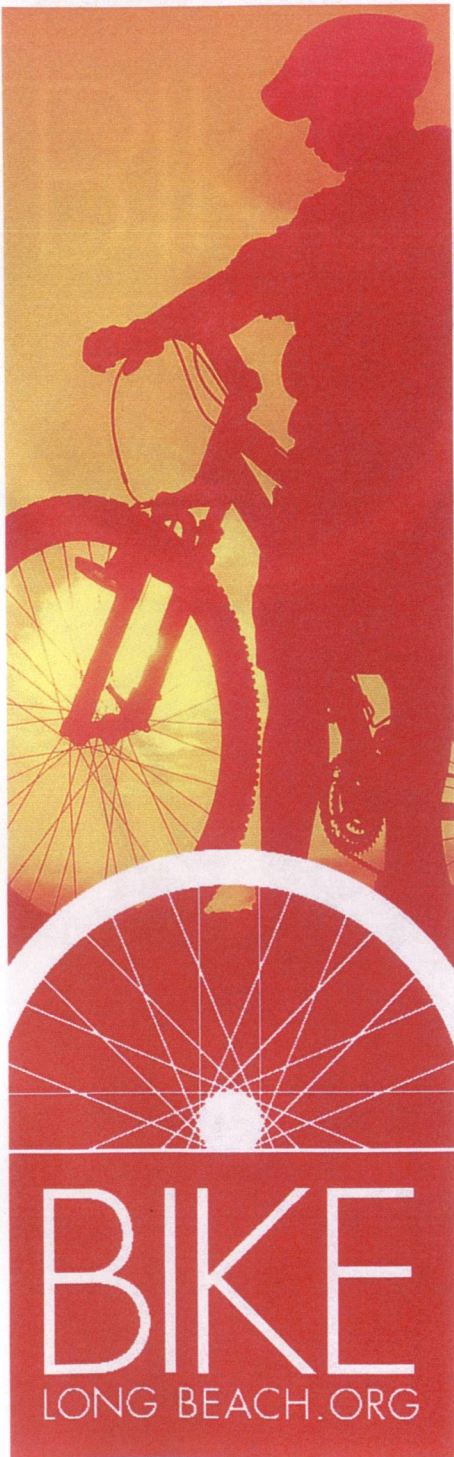
Update of the Bicycle Master Plan

4

## OUTCOME

Successful pilots may be included citywide in the BMP Update

# Green Sharrow Lane: 2<sup>nd</sup> Street Belmont Shore



# Experiment Approval

1

## CHALLENGE

Cyclists riding on sidewalk in pedestrian friendly commercial districts located in neighborhood settings

2

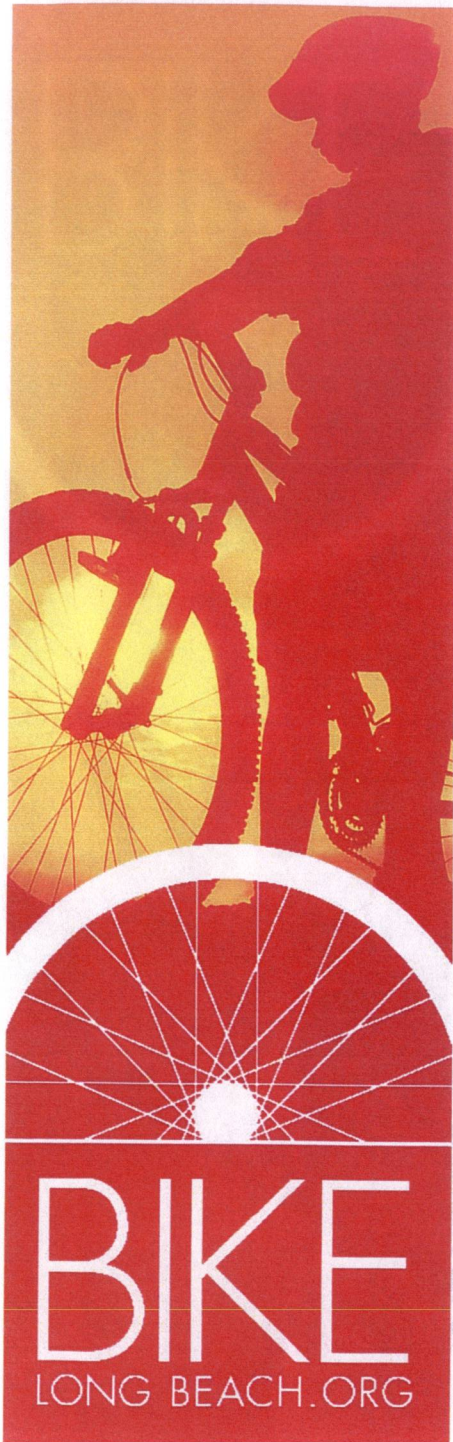
Two unique circumstances to test cutting edge designs for safety and effectiveness

3

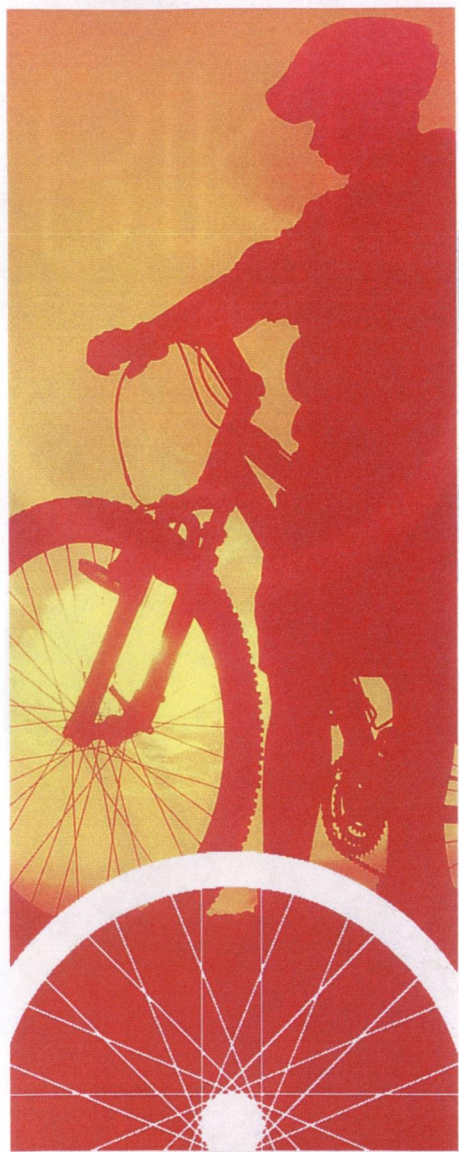
Approval to Experiment Granted by FHWA and CTCDC

4

One-year experiments Before and after studies



## 2<sup>nd</sup> St.: Green Sharrow Lane



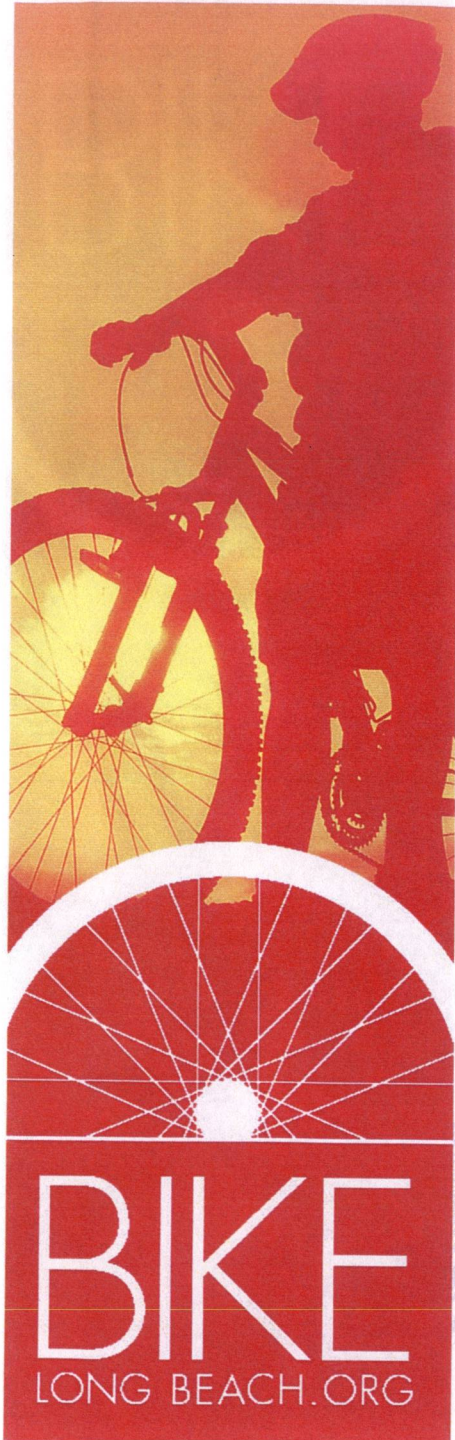
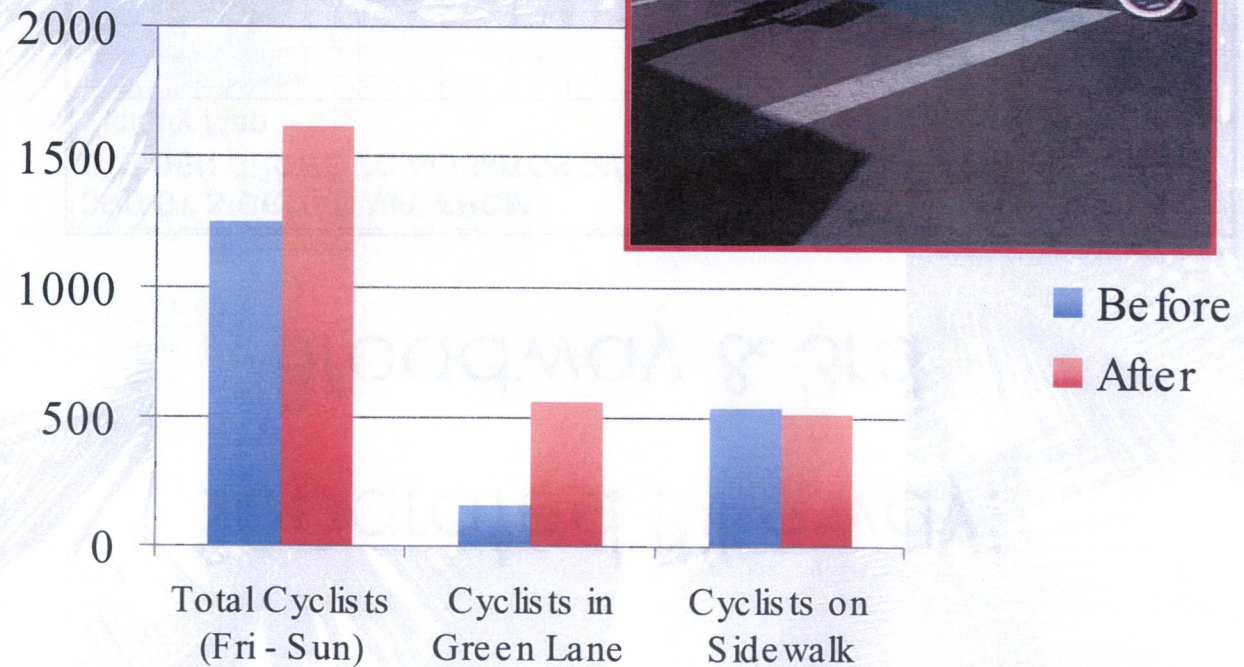
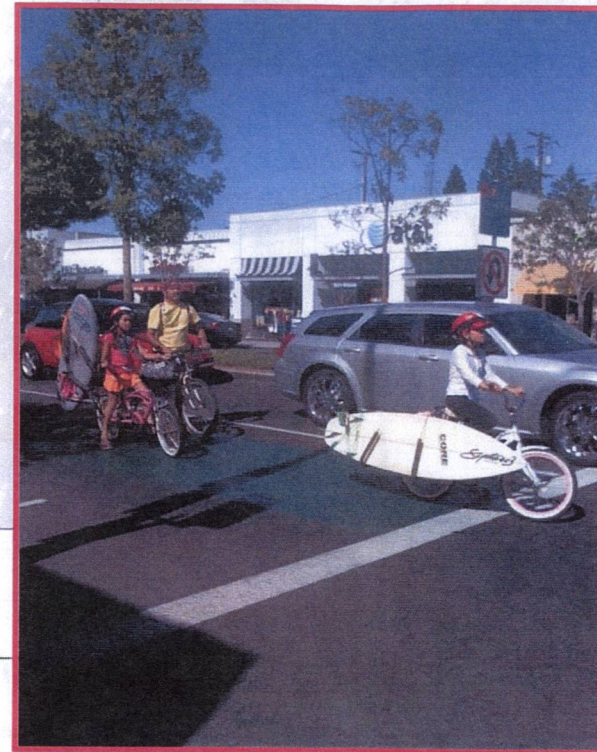
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# 6 month Before & After Results

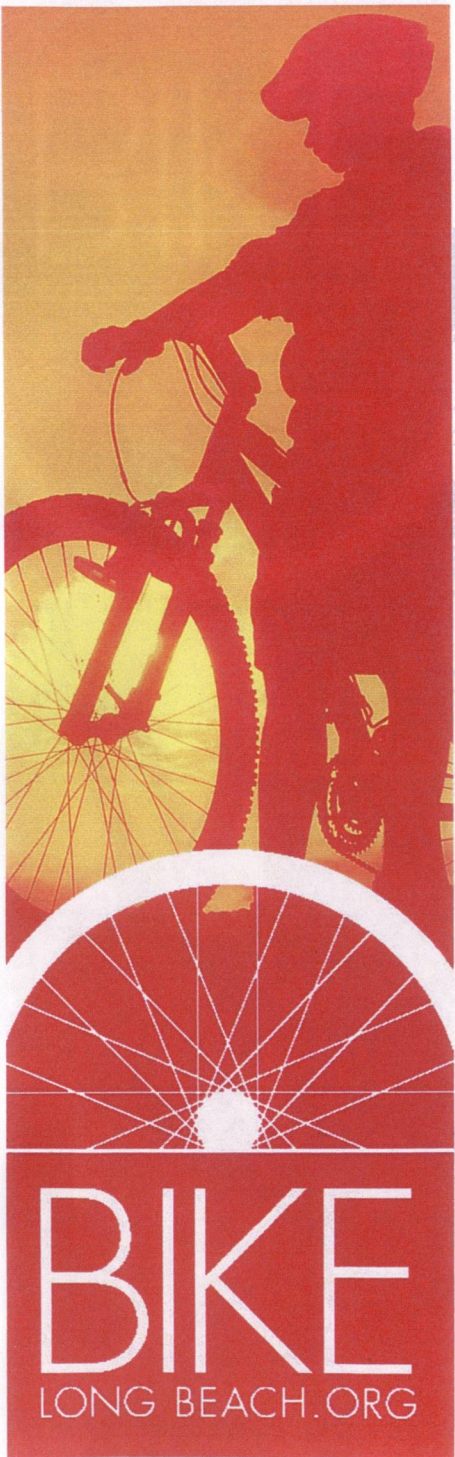
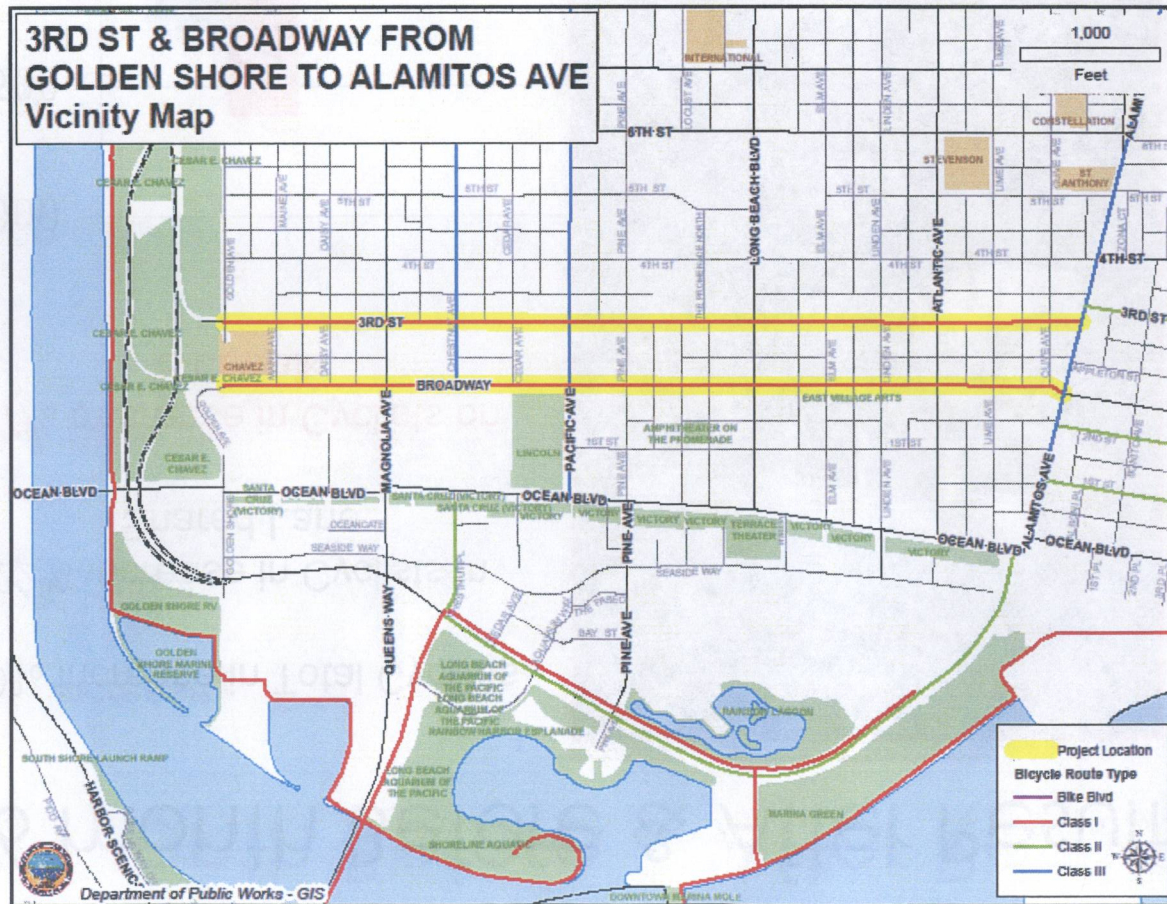
29% increase in Total Cyclists

22% increase in Cyclists in Shared Lane

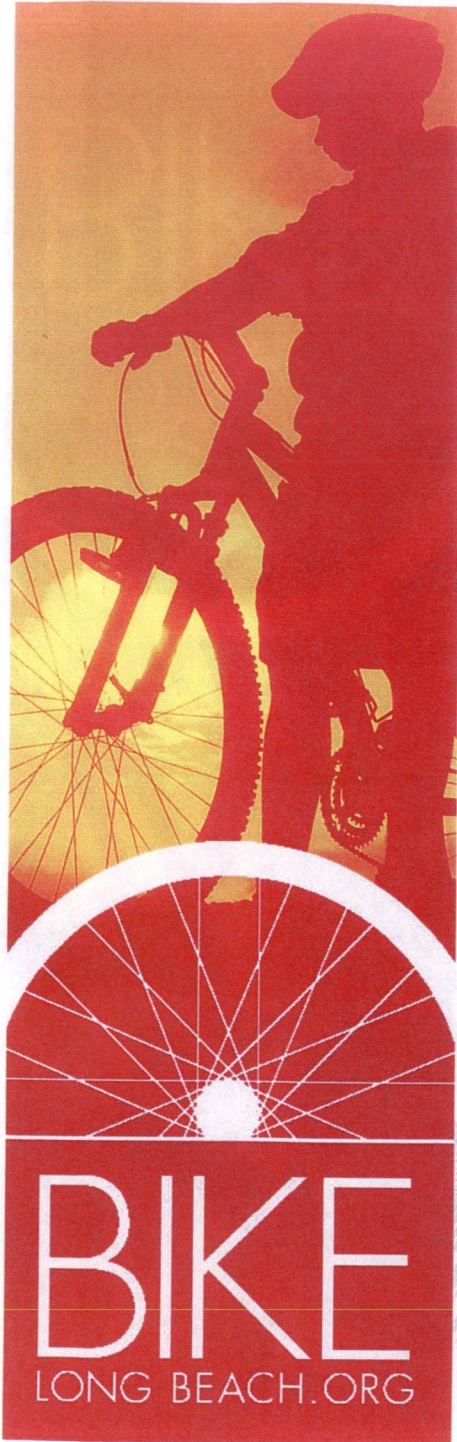
17% decrease in Cyclists on Sidewalk



# Separated Bikeway: Broadway & 3rd







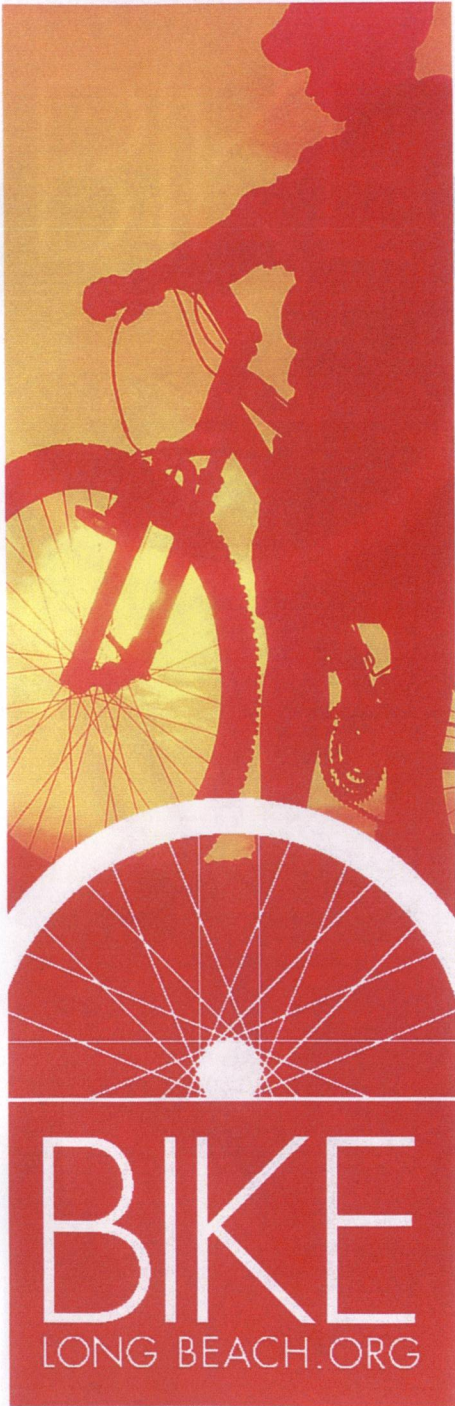
# Separated Bikeway: Europe

Barcelona



Paris

# Separated Bikeways: US

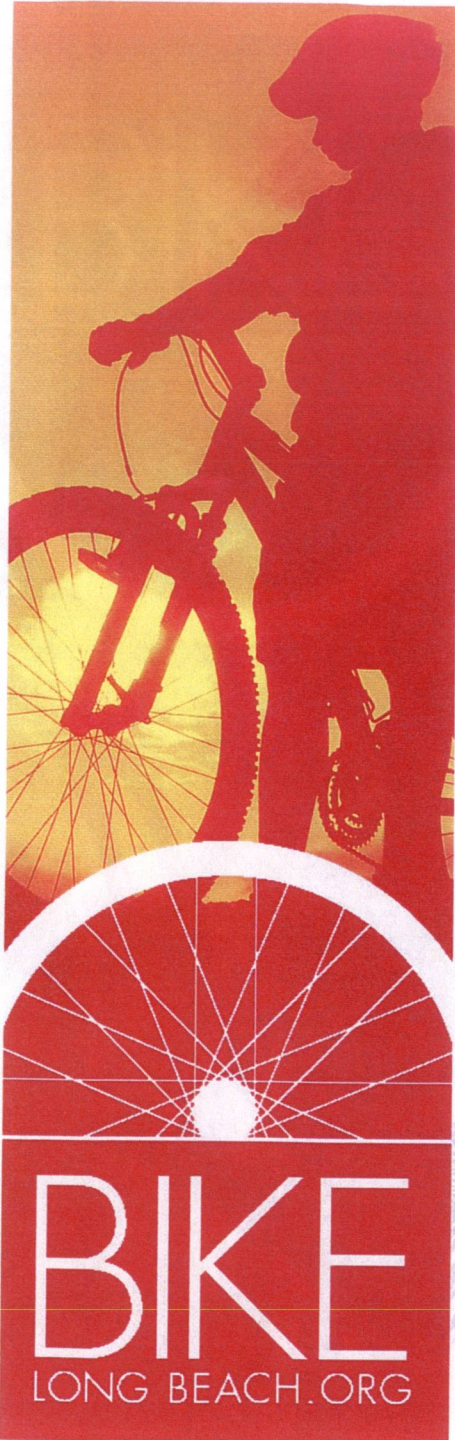
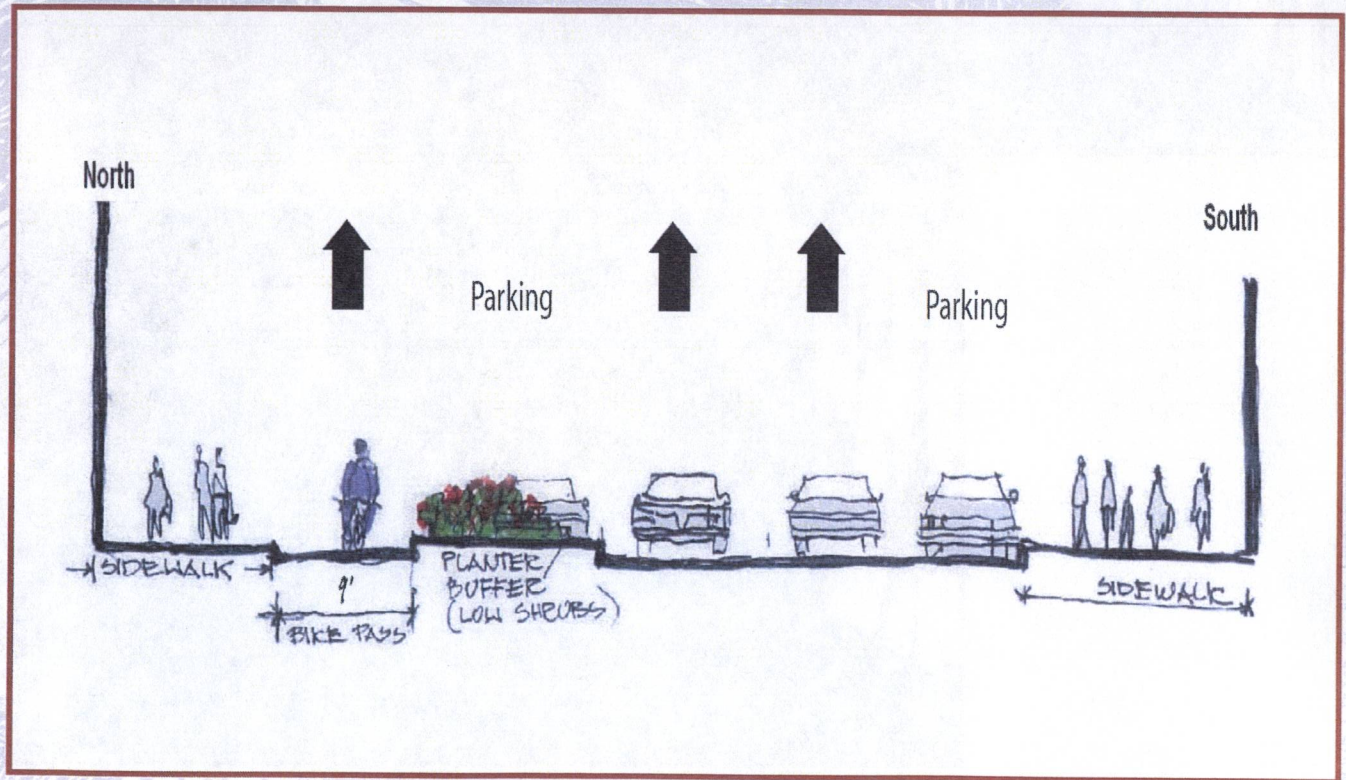


Portland

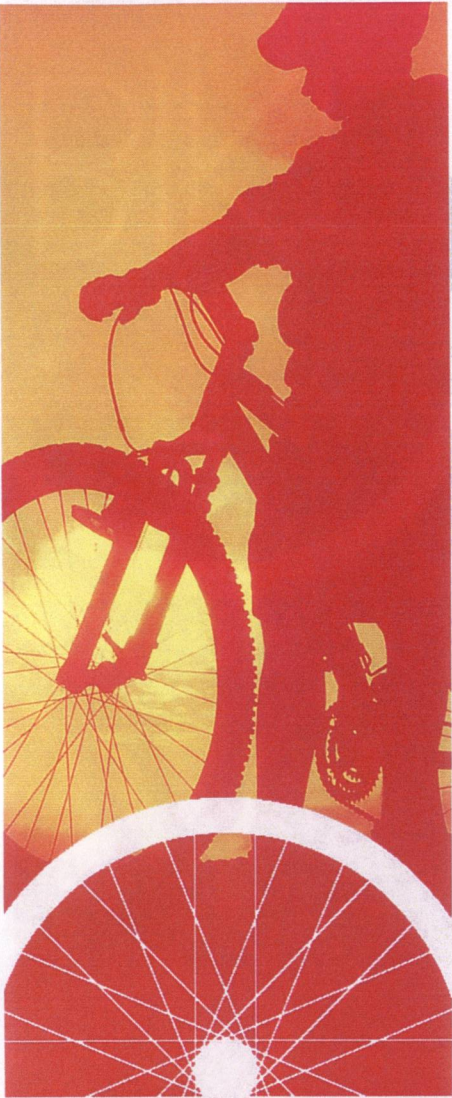


NYC

# Separated Bikeway: Broadway Eastbound



# Separated Bikeways: 3<sup>rd</sup> St.



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Pilot



Before

Before

# Separated Bikeways: Broadway



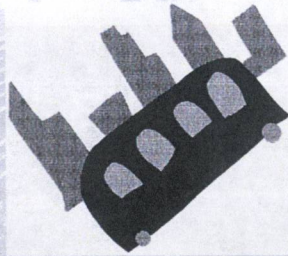
Permanent



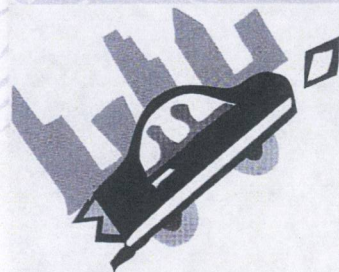
Before



# Destination Downtown



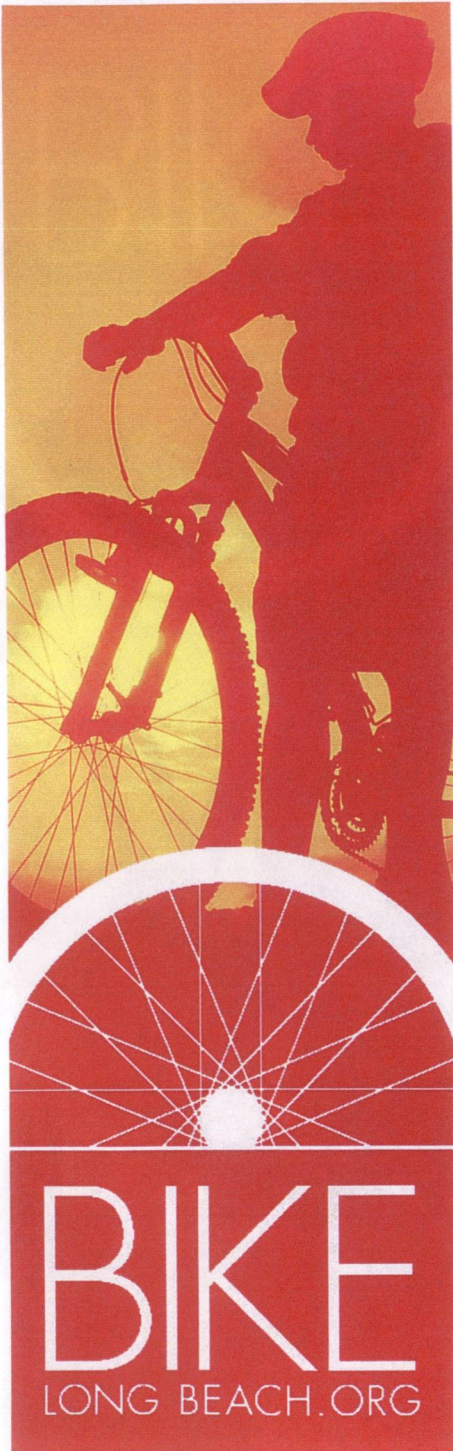
**5.5 million** people visit Long Beach each year for conventions, meetings and special events



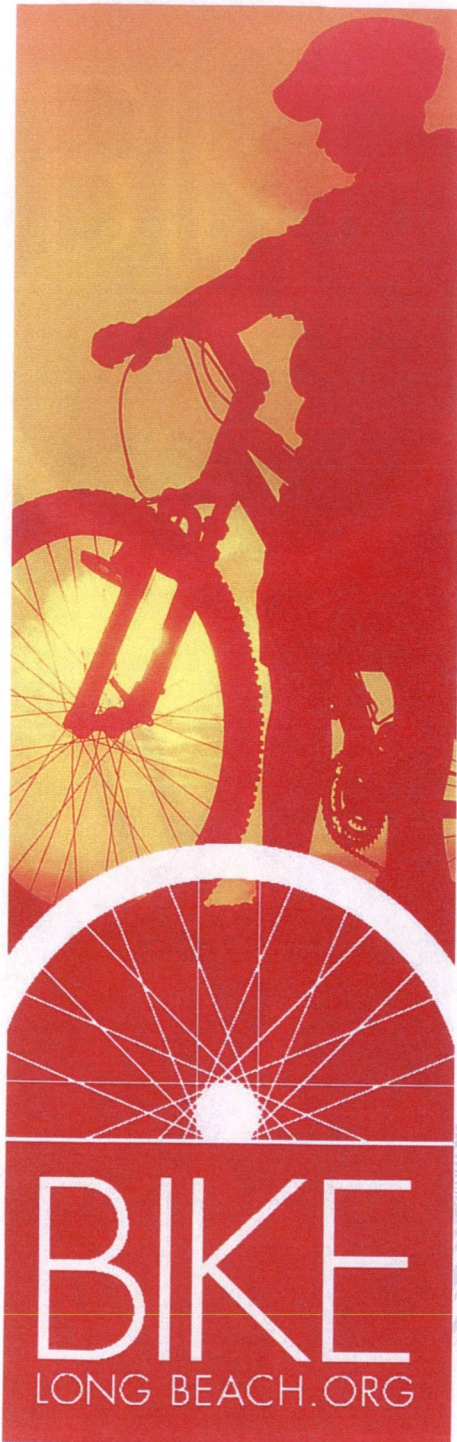
**79%** of people who work downtown drive alone



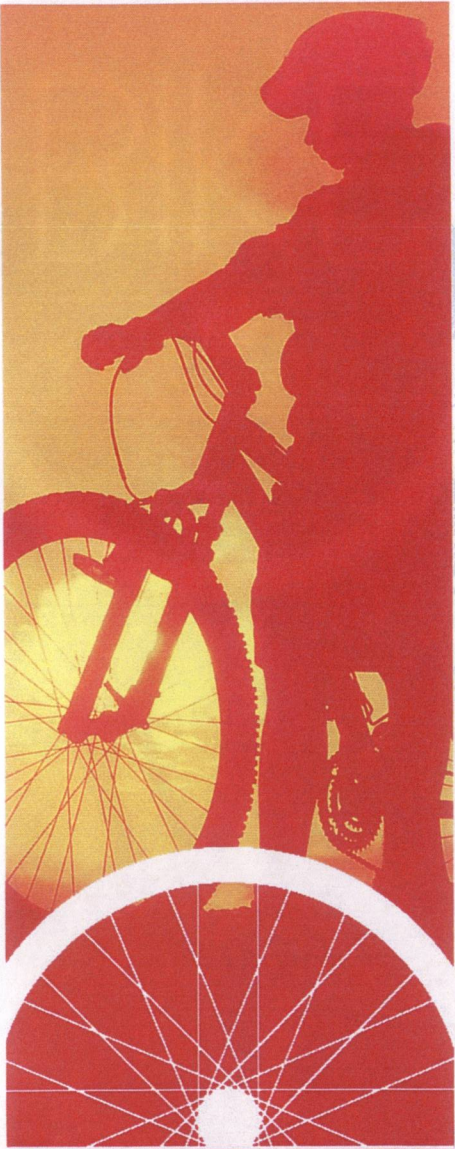
**27%** of downtown workers live in the City of Long Beach.



# Bike Only Signals

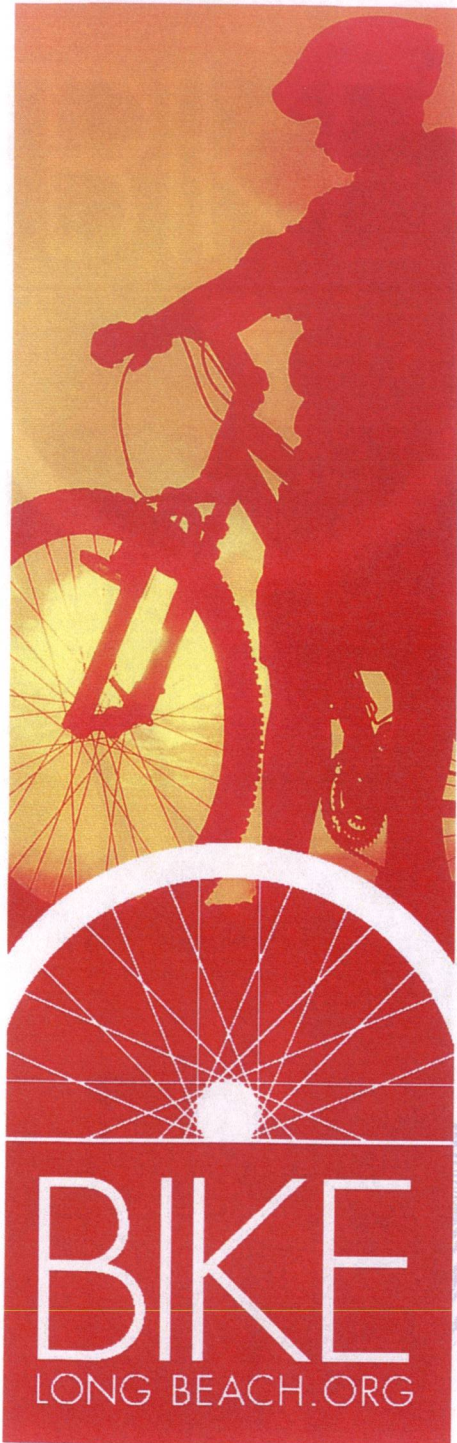


# Intersections & Driveways

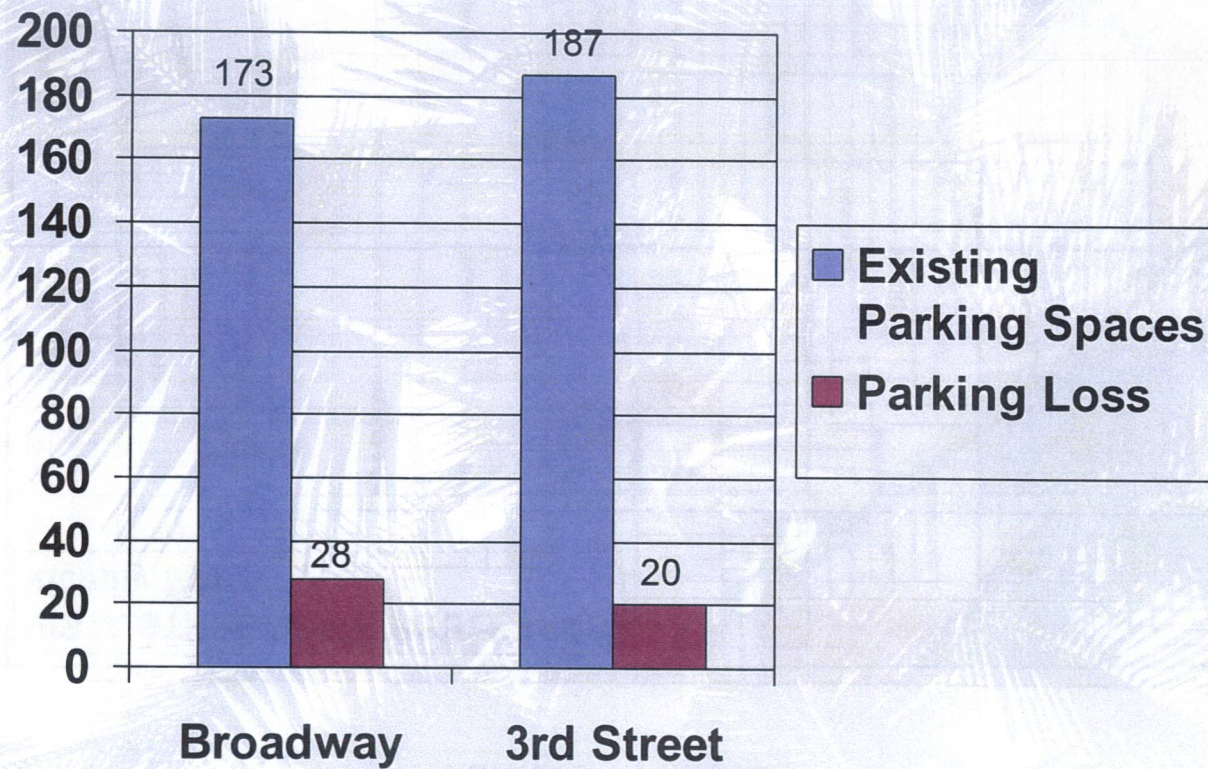


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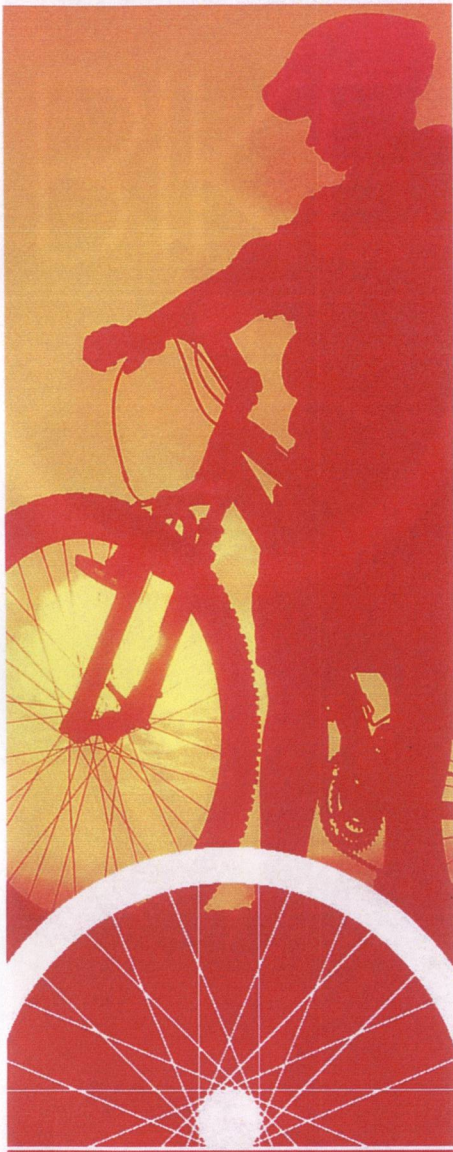
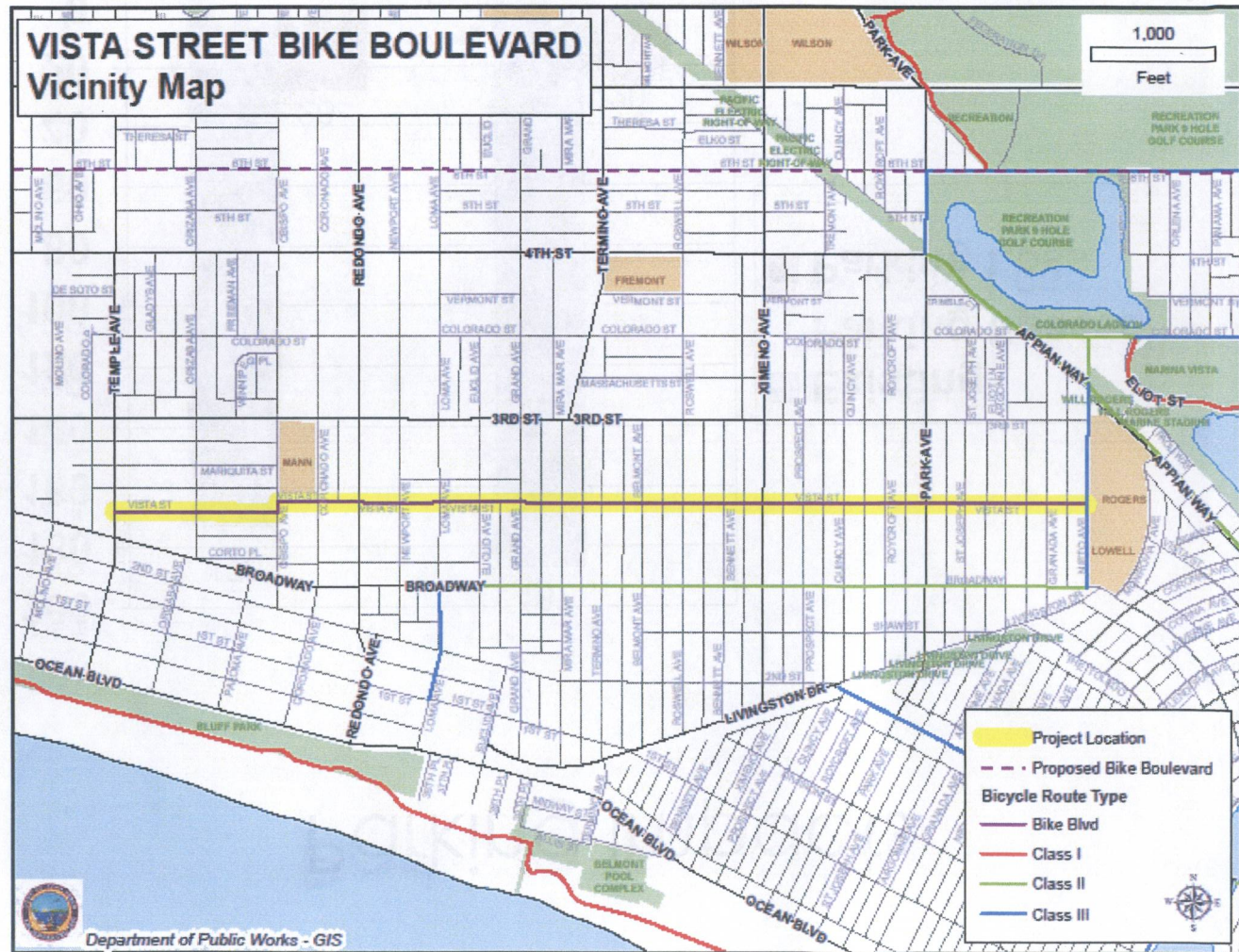
# Parking Impacts



Source: Downtown Long Beach Market Study

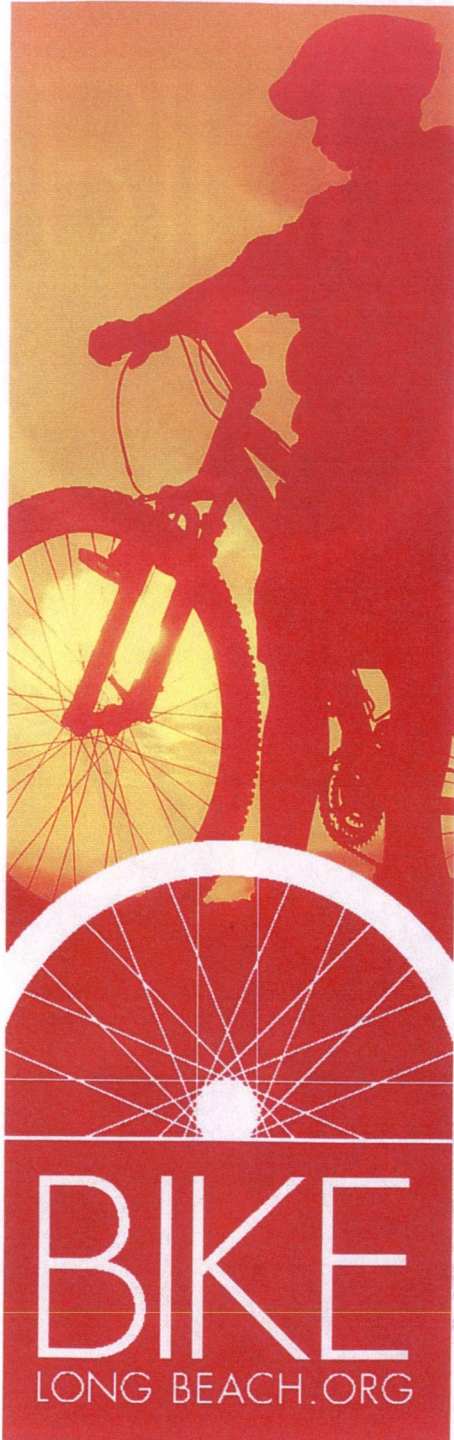
# Vista Bike Boulevard

Temple to Nieto

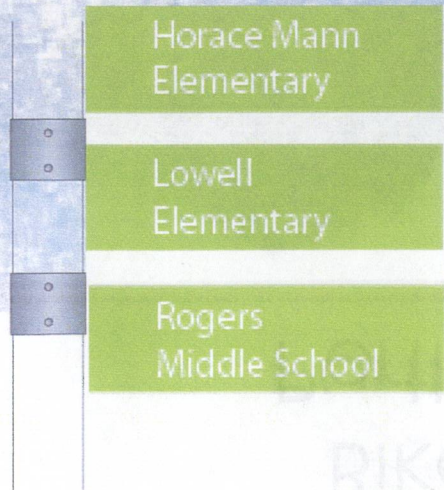
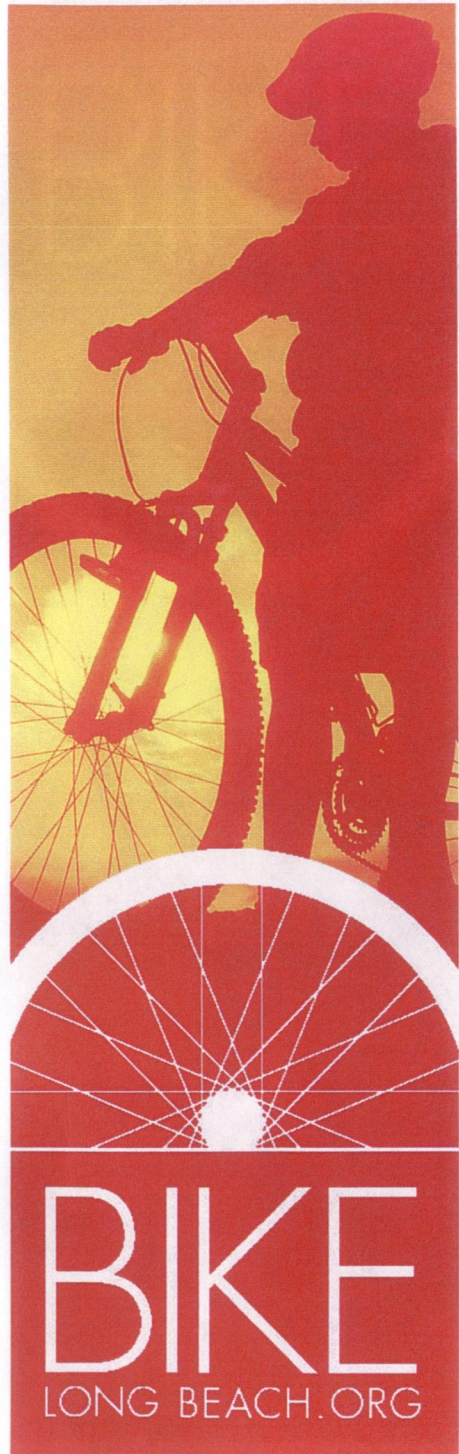


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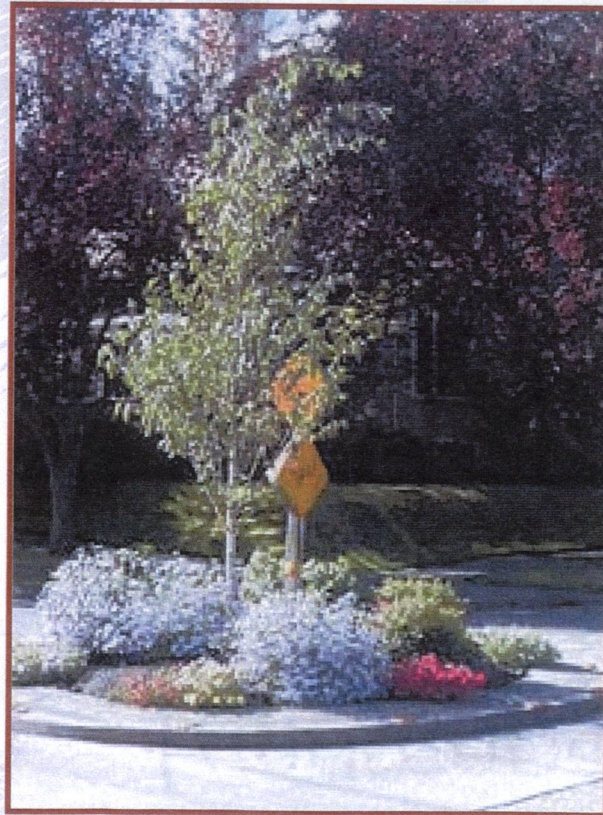
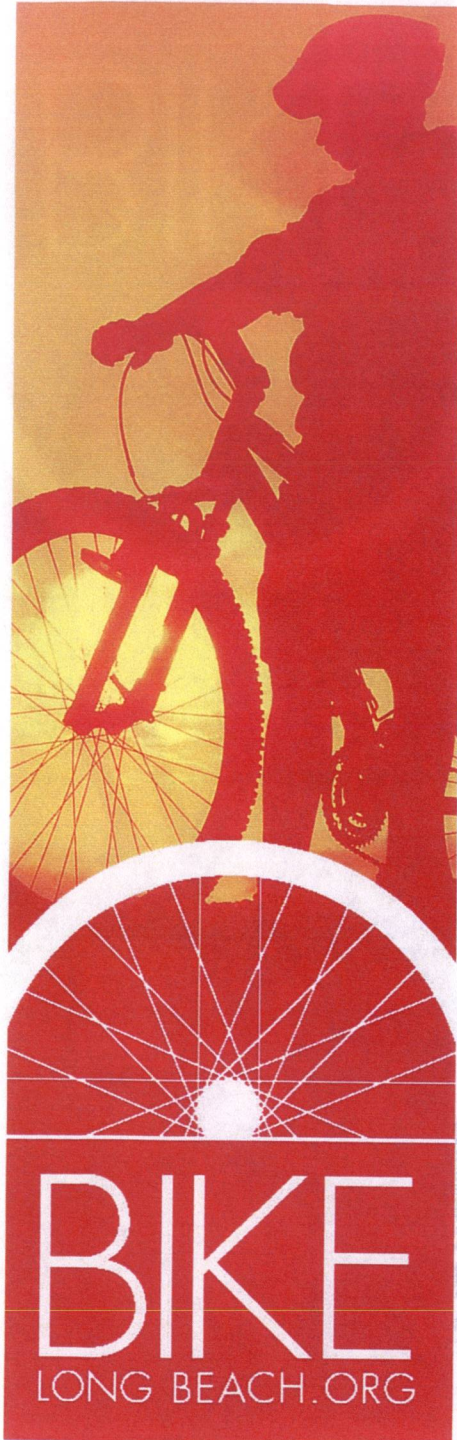
# Bike Boulevard: Portland, Berkeley

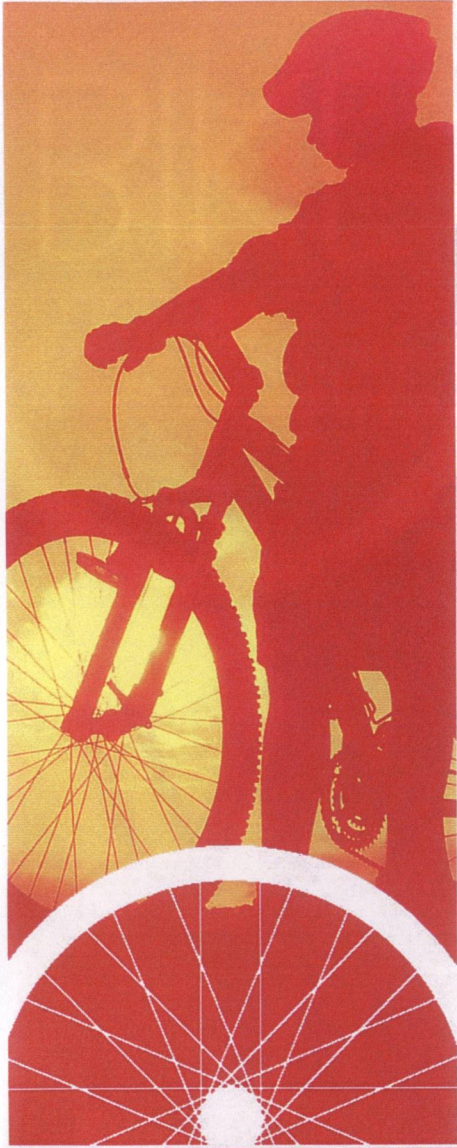


# Vista Bike Boulevard



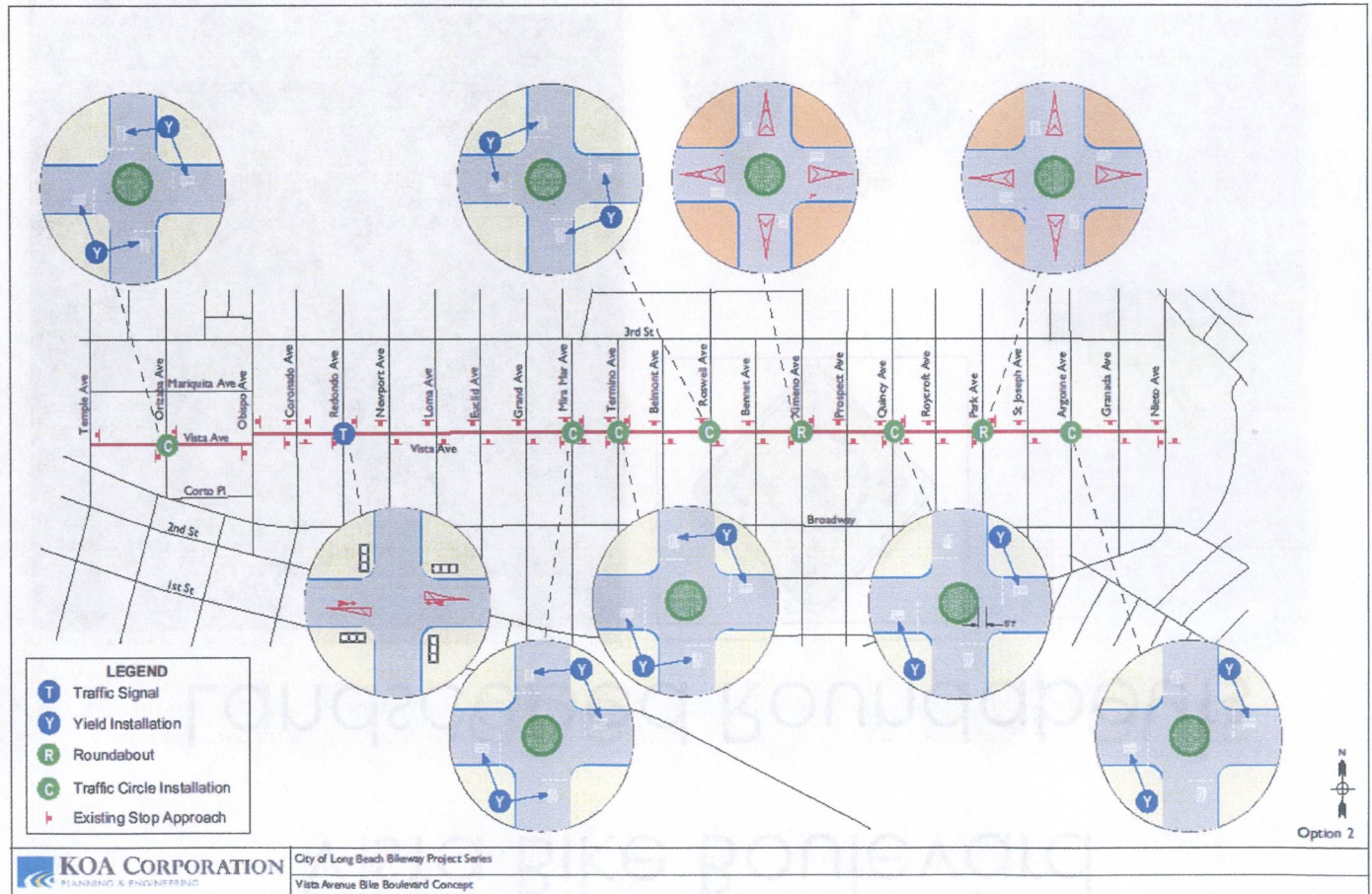
# Vista Bike Boulevard Landscaped Roundabouts



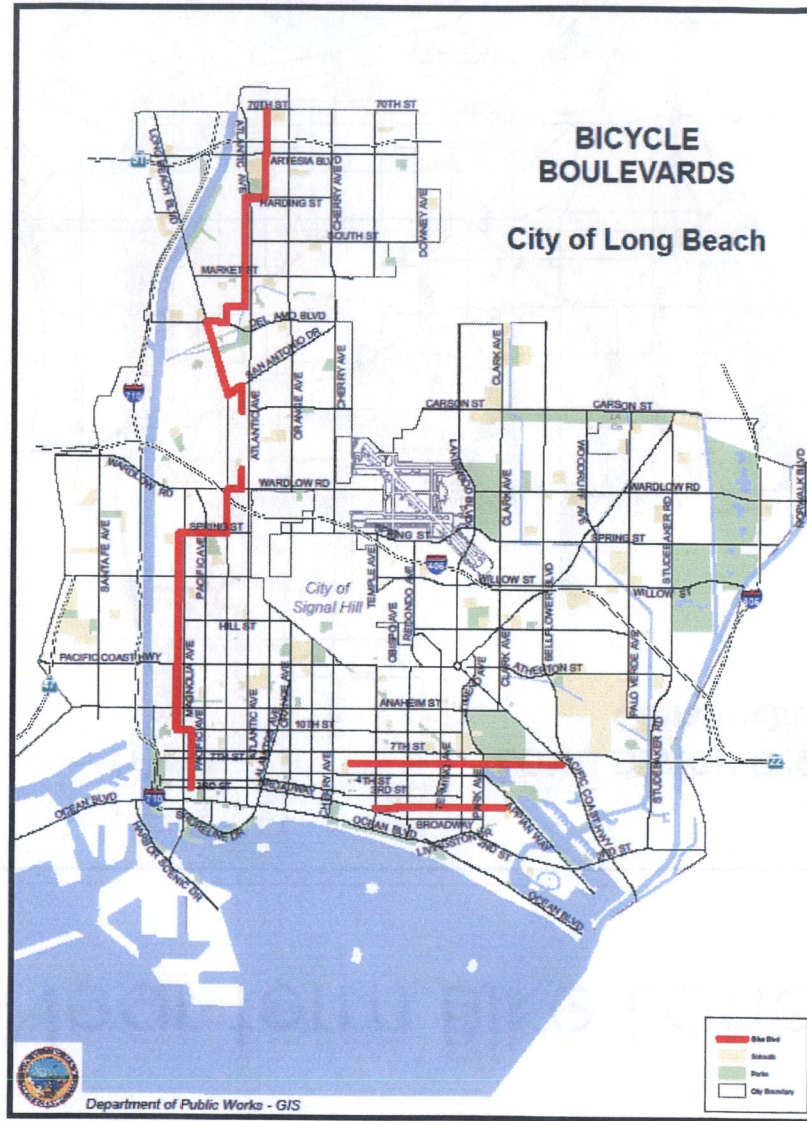
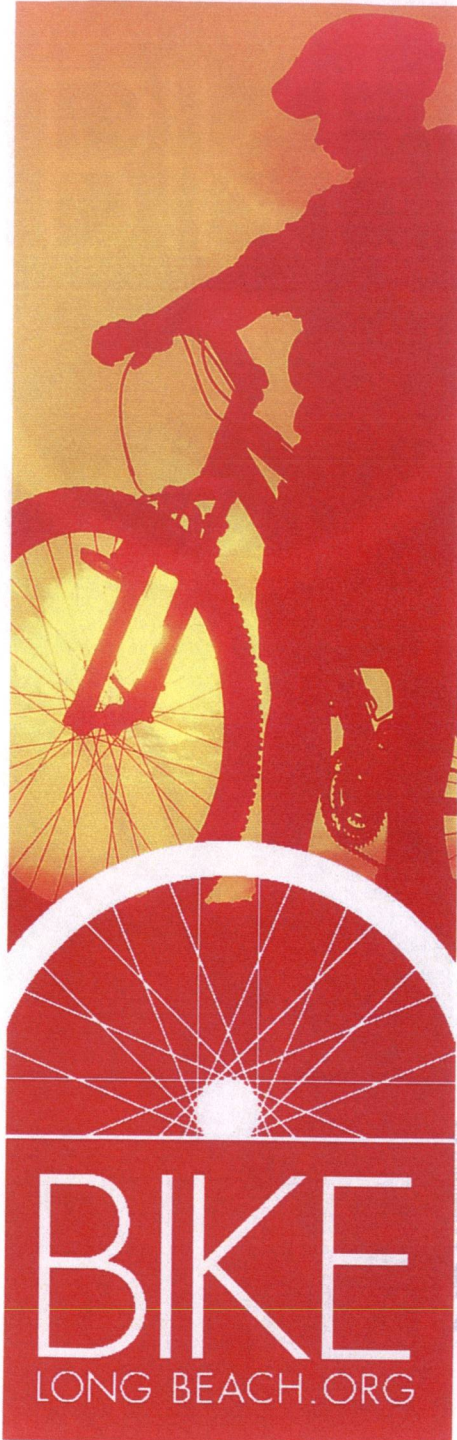


# Vista Bike Boulevard

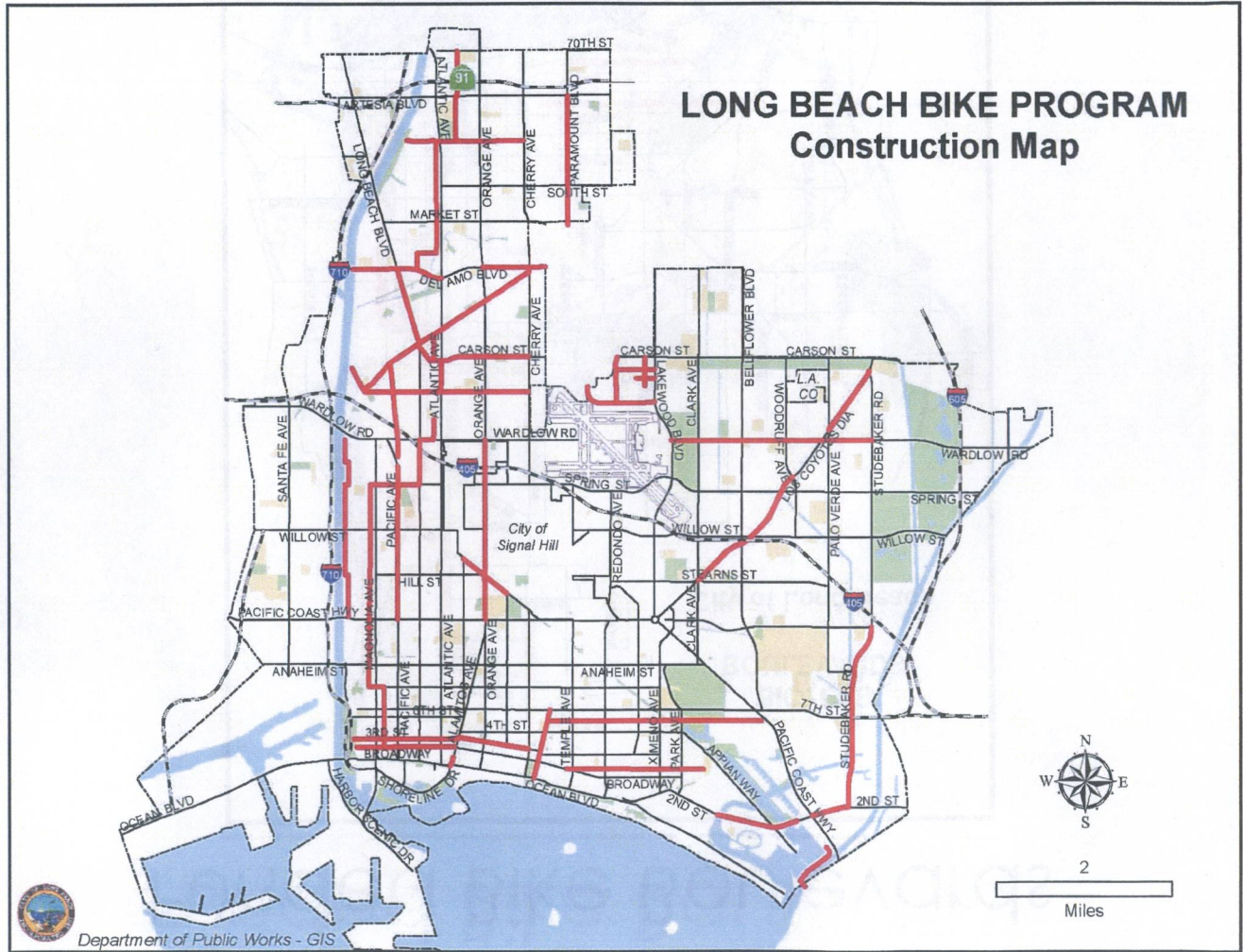
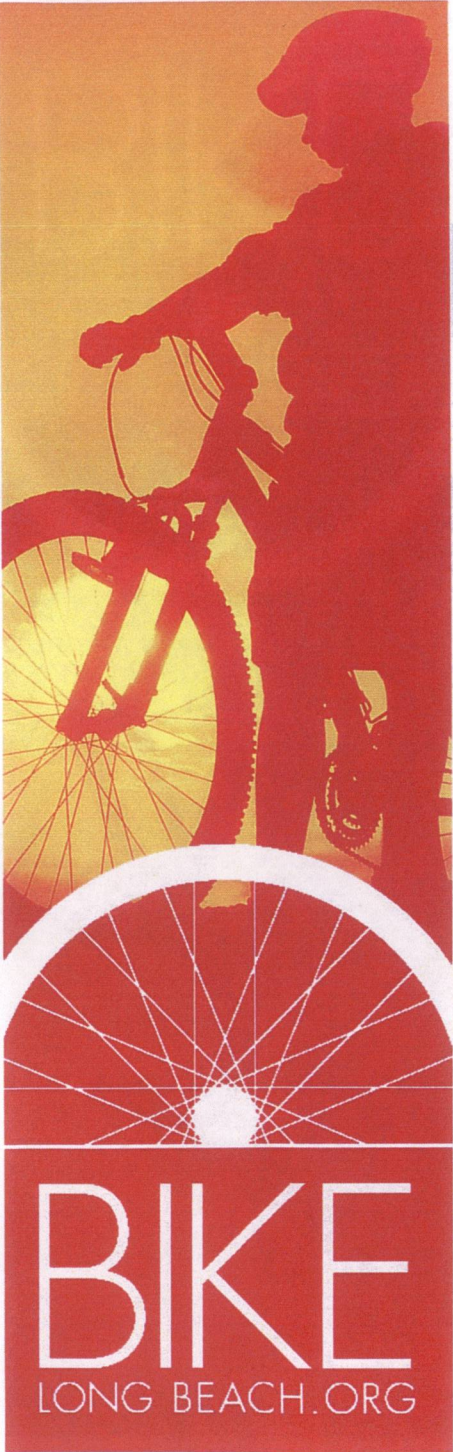
## Landscaped Roundabouts



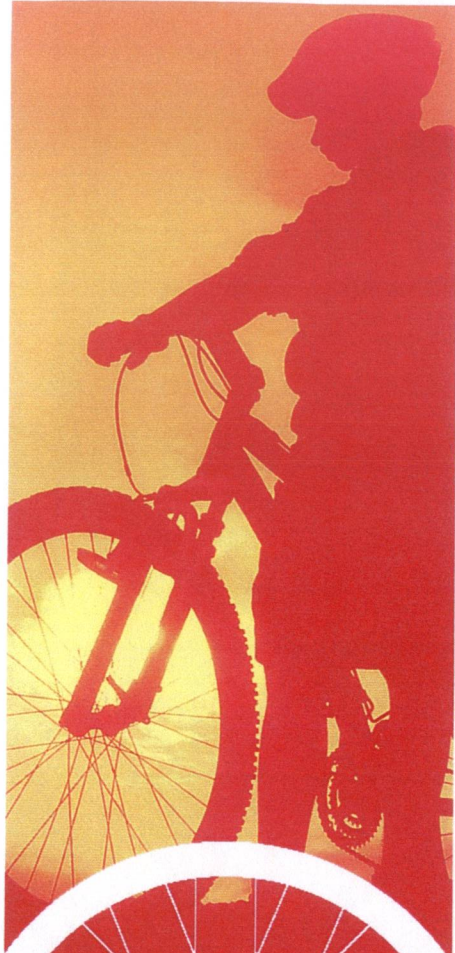
# Funded Bike Boulevards



# Near-term Bike Lanes







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