

# Fourth Avenue/Fontana Bicycle Boulevard Openhouse

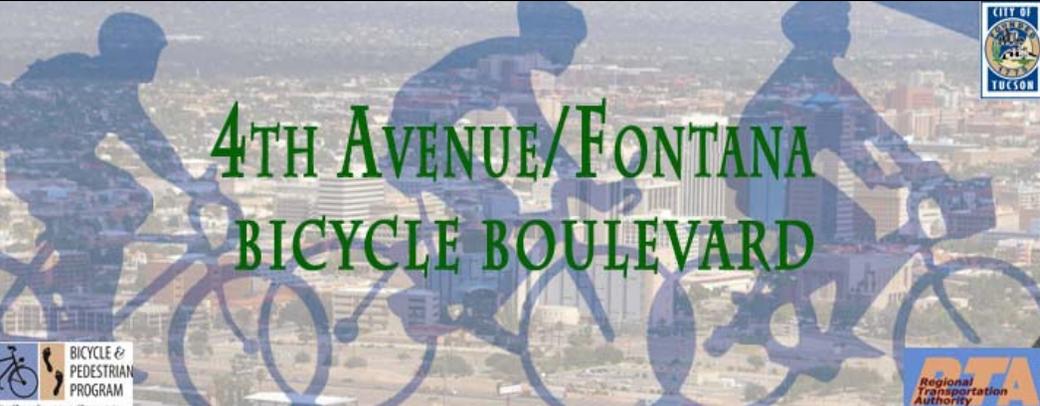
FOURTH AVENUE/FONTANA  
BIKE BOULEVARD  
DESIGN CONCEPT



Prepared for:  
A Coalition of Amphi, Keeling, El Cortez Heights, Northwest and Feldman's Neighborhood Associations

**The Drachman Institute**  
College of Architecture and Landscape Architecture  
THE UNIVERSITY OF ARIZONA - TUCSON, ARIZONA

April, 2009



**4TH AVENUE/FONTANA  
BICYCLE BOULEVARD**

CITY OF  
TUCSON

BICYCLE &  
PEDESTRIAN  
PROGRAM  
City of Tucson Department of Transportation

**MTA**  
Regional  
Transportation  
Authority

Presented by the City of Tucson Transportation Department, August 2009

# Tonight's Format

- Welcome
- Overview on Bike Boulevards
- Project History
- 4th Avenue / Fontana Presentation
- Question/Answer
- Next steps



# Why Bike Boulevards?



Individual cost of driving

**\$7,823 per year**

(AAA estimate for annual cost of operating a compact car for 15,000 miles/year)



# What is a Bicycle Boulevard?

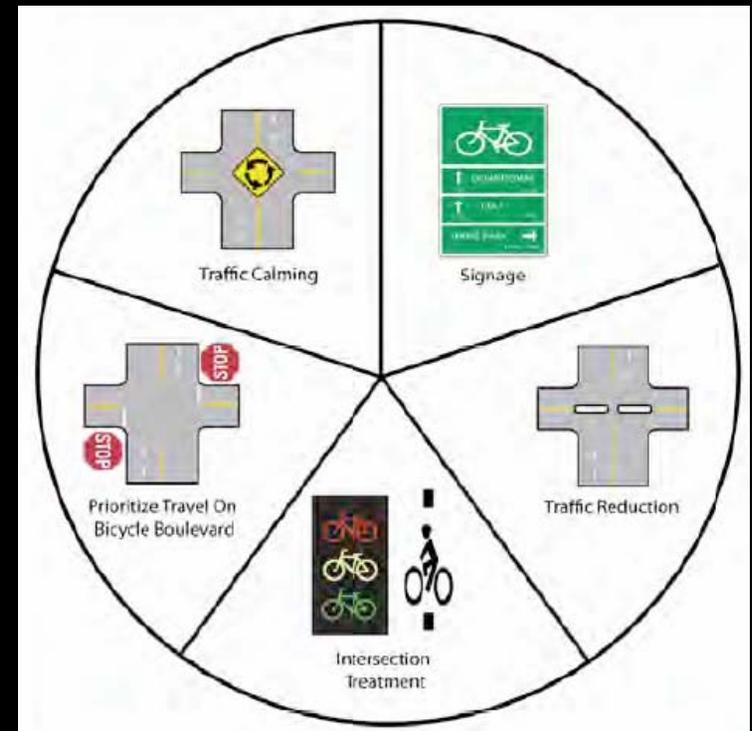
- Shared Roadway
- Local/residential streets
- Takes advantage of grid system
- Connections with other bikeways



# What is a Bicycle Boulevard?

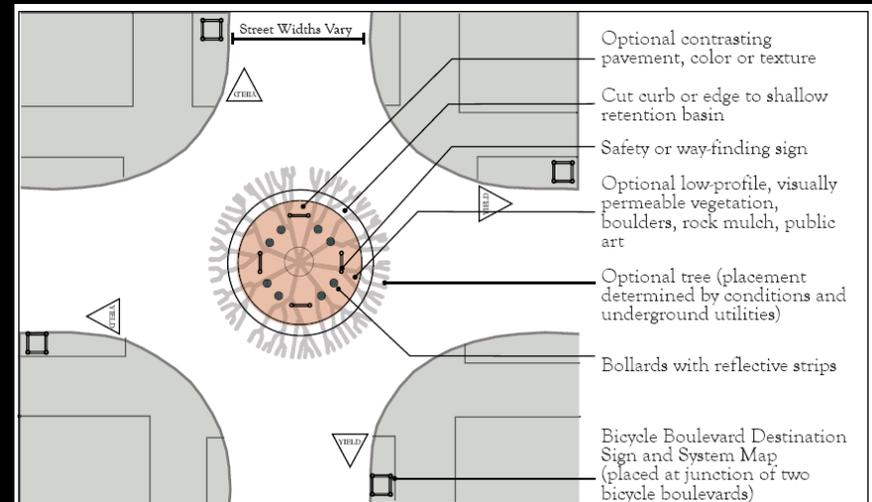
Five main elements:

- Traffic calming
- Traffic reduction
- Signage
- Intersection Treatments
- Prioritized Travel
- Other enhancements



# What is a Bicycle Boulevard?

## ■ Traffic Calming



# What is a Bicycle Boulevard?

- Traffic Calming



# What is a Bicycle Boulevard?

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# What is a Bicycle Boulevard?

- Traffic Calming



# What is a Bicycle Boulevard?

- Traffic Reduction



# What is a Bicycle Boulevard?

- Signage



# What is a Bicycle Boulevard?

- Signage



# What is a Bicycle Boulevard?

- Intersection Treatments



# What is a Bicycle Boulevard?

- Intersection Treatments



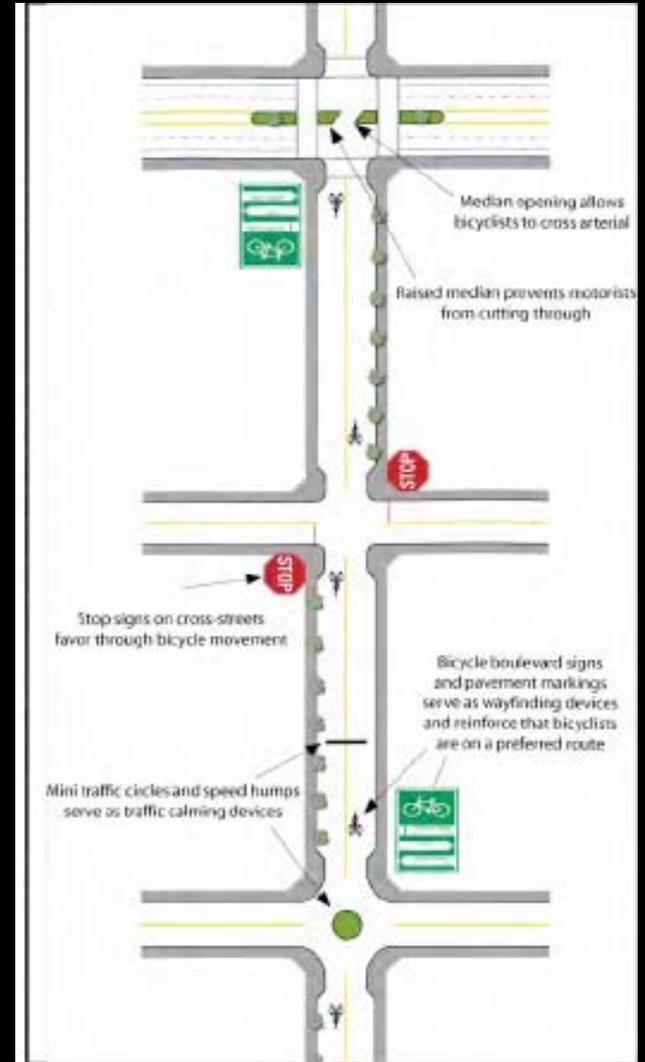
# What is a Bicycle Boulevard?

- Intersection Treatments



# What is a Bicycle Boulevard?

- Prioritized travel



# What is a Bicycle Boulevard?

- Other features
  - Bike Parking



## On-Street Bike Corrals



Bikes on Sidewalk



Bikes on Street

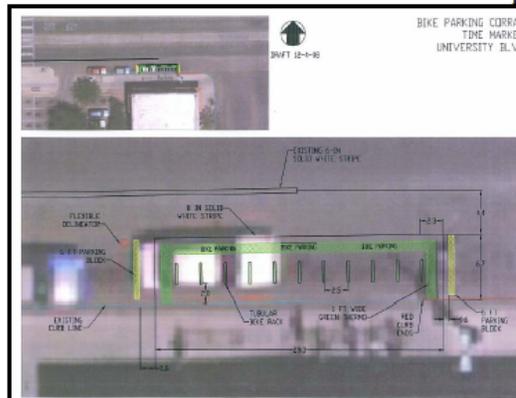
### Objectives of initiative:

- To provide high concentrations of bicycle parking at busy destinations.
- To preserve sidewalk space for pedestrians
- To increase the amount of parking overall (20 bikes fit into one vehicle space!)
- To further Tucson's effort to be a bike friendly community

### Potential Tucson Locations:

- Epic Café (along University)
- Rialto Theatre (along Congress)
- Time Market (along University)

### Our Concept



Now



Later



"I think the corrals are a great idea. Not only do they clear the side walk, but they make bikes more visible as a means of transportation that has a right to the road."  
 --Lori Boston, President of West University Neighborhood Association

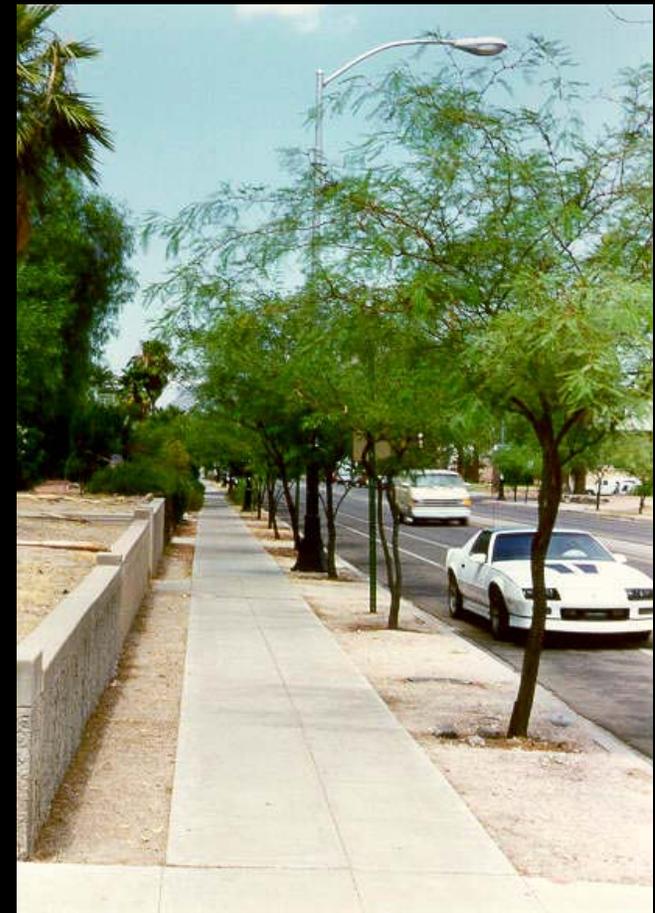
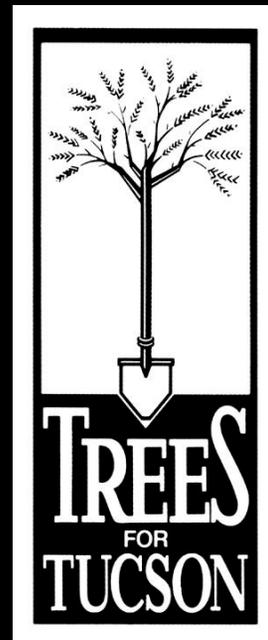
# What is a Bicycle Boulevard?

- Other features
  - Public art, gathering spaces



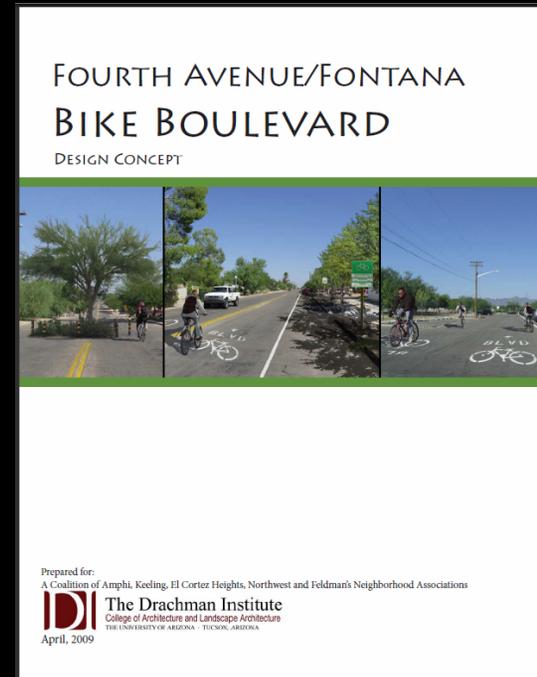
# What is a Bicycle Boulevard?

- Other features
  - Street Trees



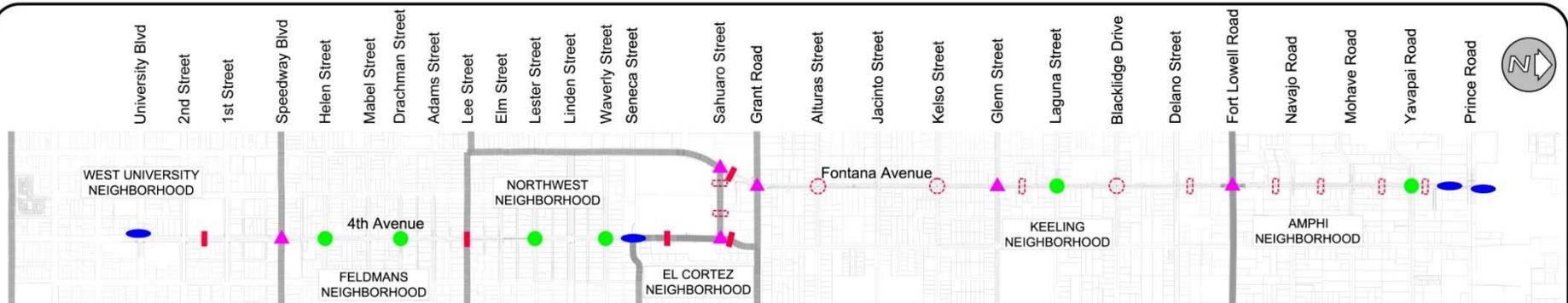
# Project History

- 2008 Neighborhoods work with Drachman Institute
- 2008 RTA Funding Secured
- 2009 Design and public openhouses



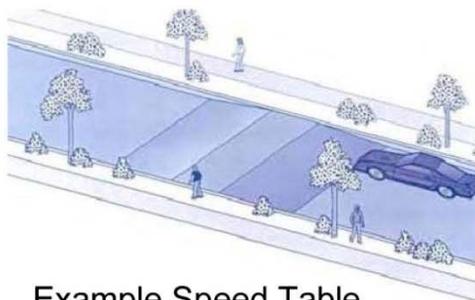
# 4<sup>th</sup> Avenue/Fontana Presentation

## 4th Avenue-Fontana Avenue Bike Boulevard



### BIKE BOULEVARD LEGEND

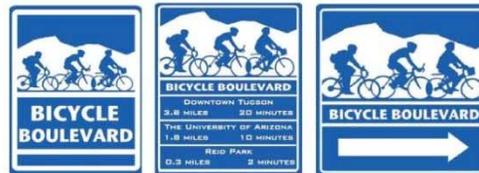
- New Traffic Circle
- New Special Feature
- ▲ New Intersection Improvement
- ▬ New Speed Table
- Existing Traffic Circle
- Existing Speed Hump



Example Speed Table



Example Kiosk



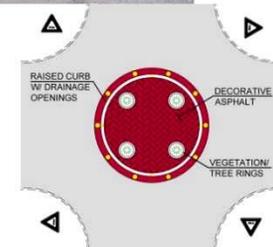
Example Way Finding Signage



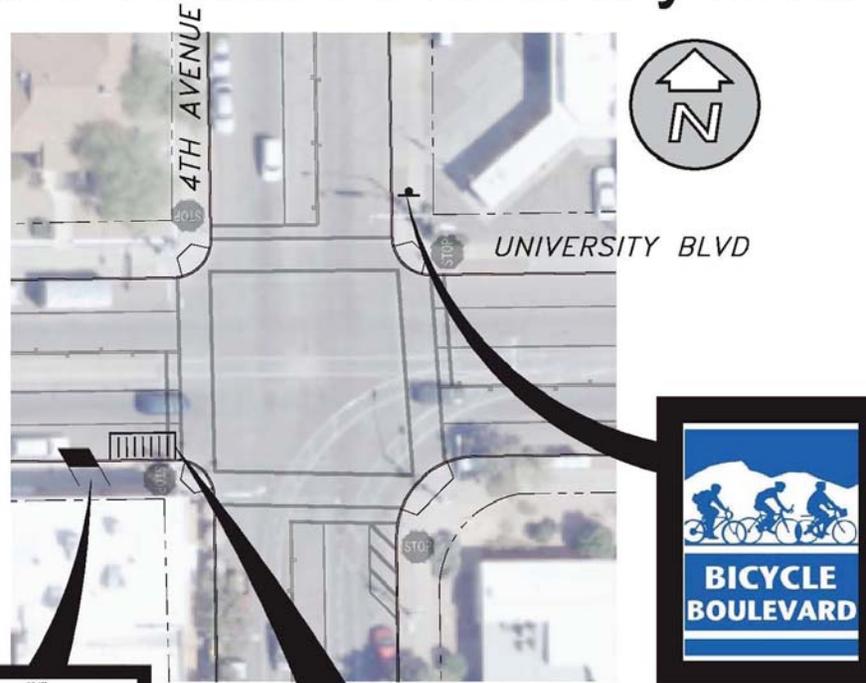
Example Bicycle Boulevard Legend



Example Traffic Circle



# 4th Avenue / University Blvd



New Bike Corral / Kiosk & Entry Sign

# 4th Avenue / Speedway Blvd

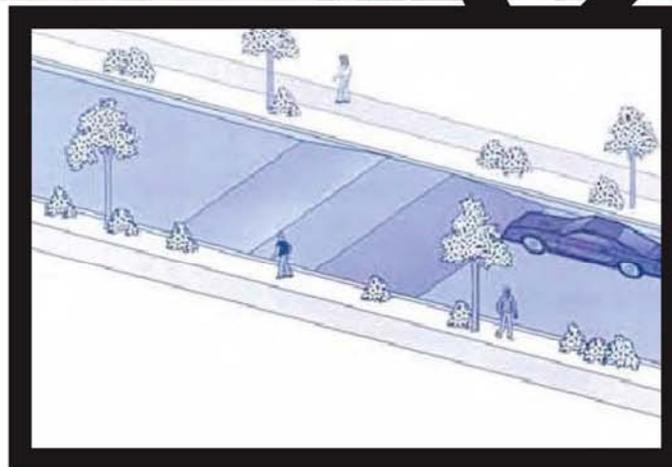


New Bike Box  
&  
NB Vehicular Restrictions

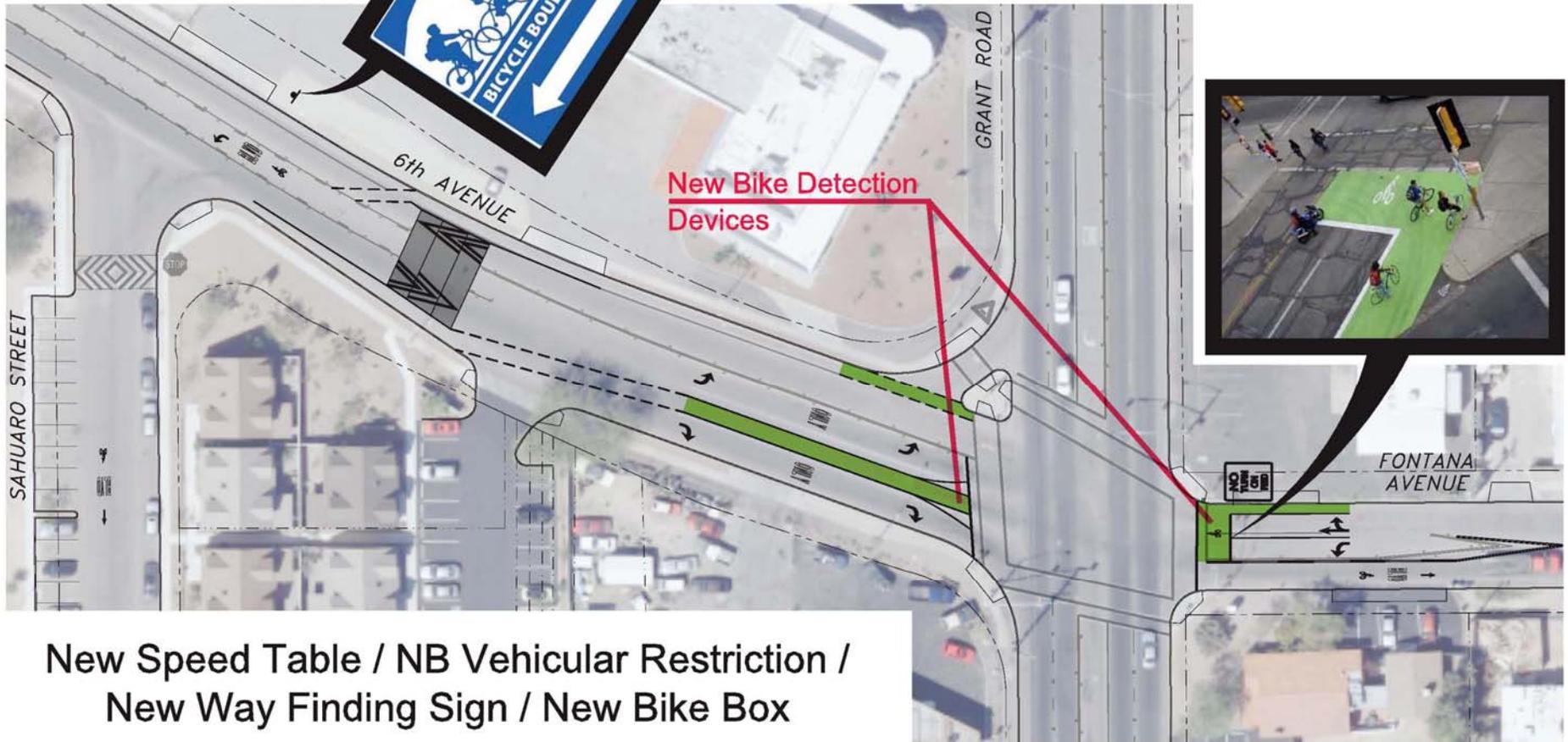
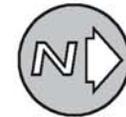
# 4th Avenue - Seneca Street to Sahuaro Street



New Crosswalk /  
New Left-Turn Lane /  
Speed Tables /  
Way Finding Sign  
&  
Bike Blvd Legends



# 6th Avenue / Grant Road / Fontana Avenue

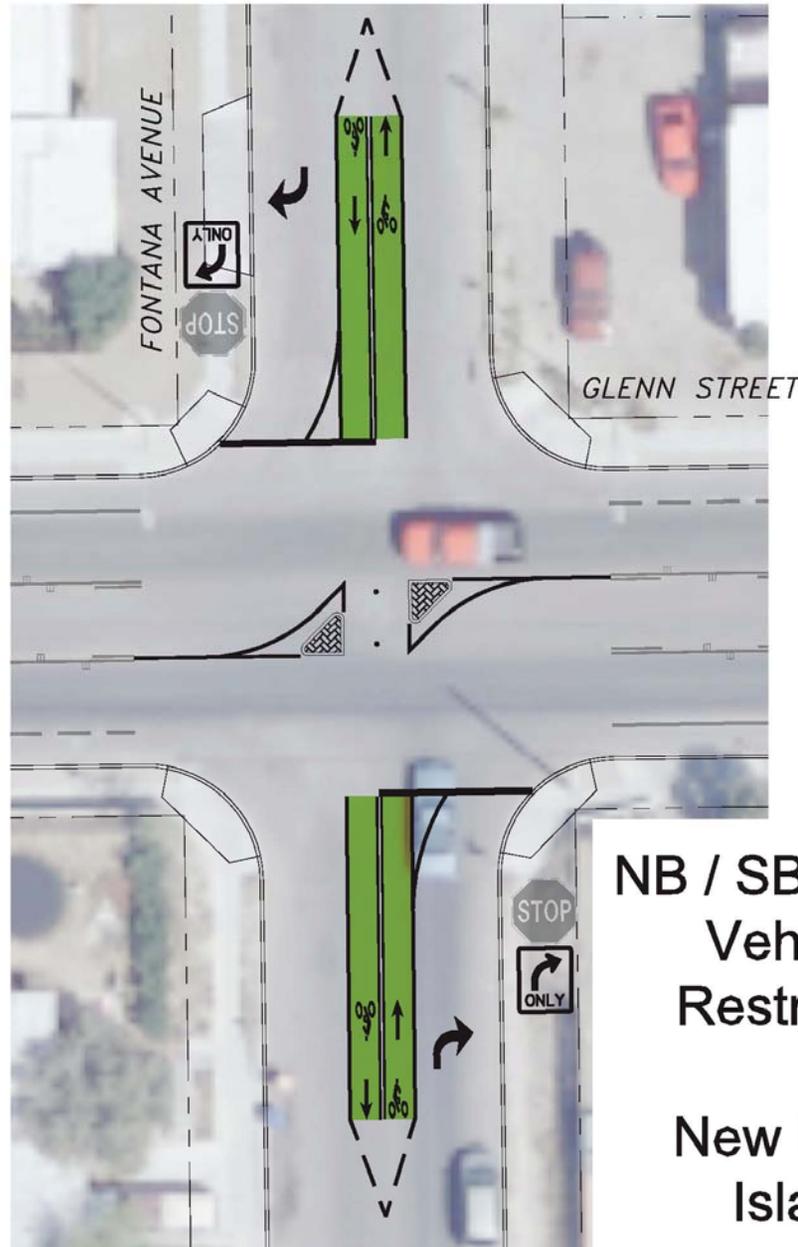


New Speed Table / NB Vehicular Restriction /  
New Way Finding Sign / New Bike Box

Ultimate intersection at 6th Avenue/Grant/Fontana includes a TOUCAN signal, approved by Mayor and Council as part of Grant Road RTA project

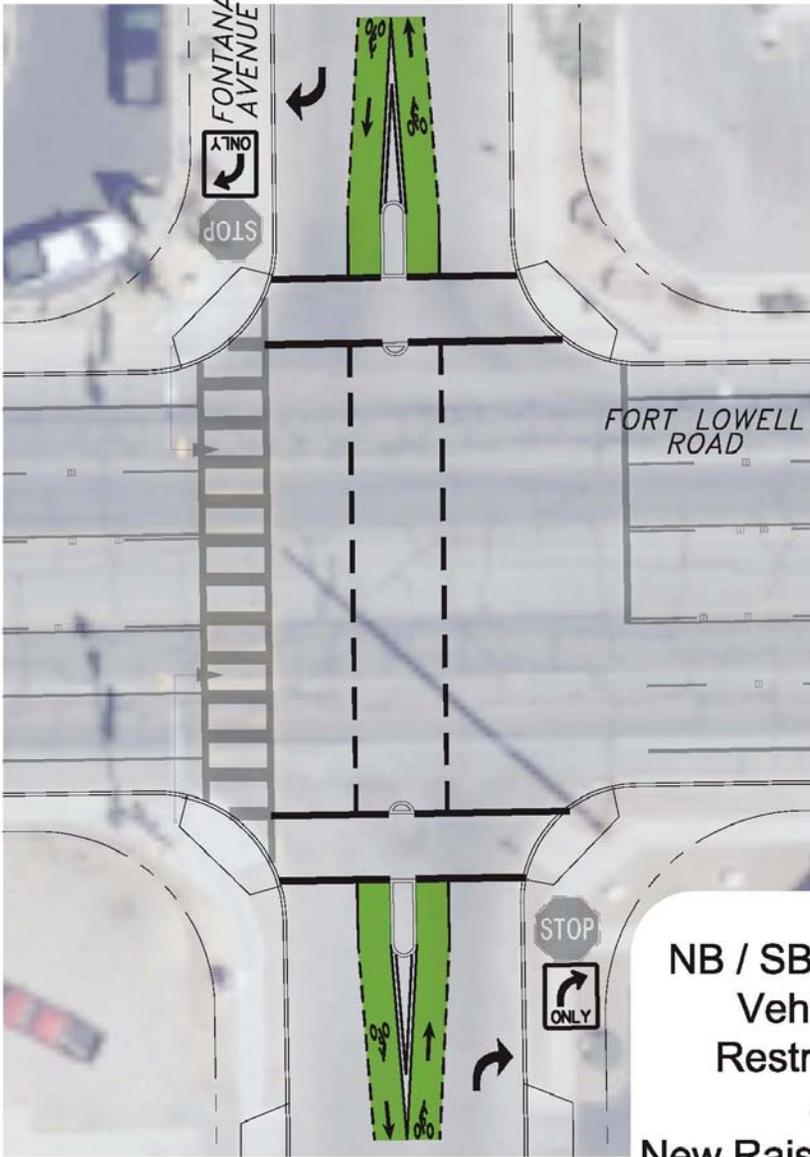


# Fontana Avenue / Glenn Street



NB / SB Through  
Vehicular  
Restrictions  
&  
New Raised  
Islands

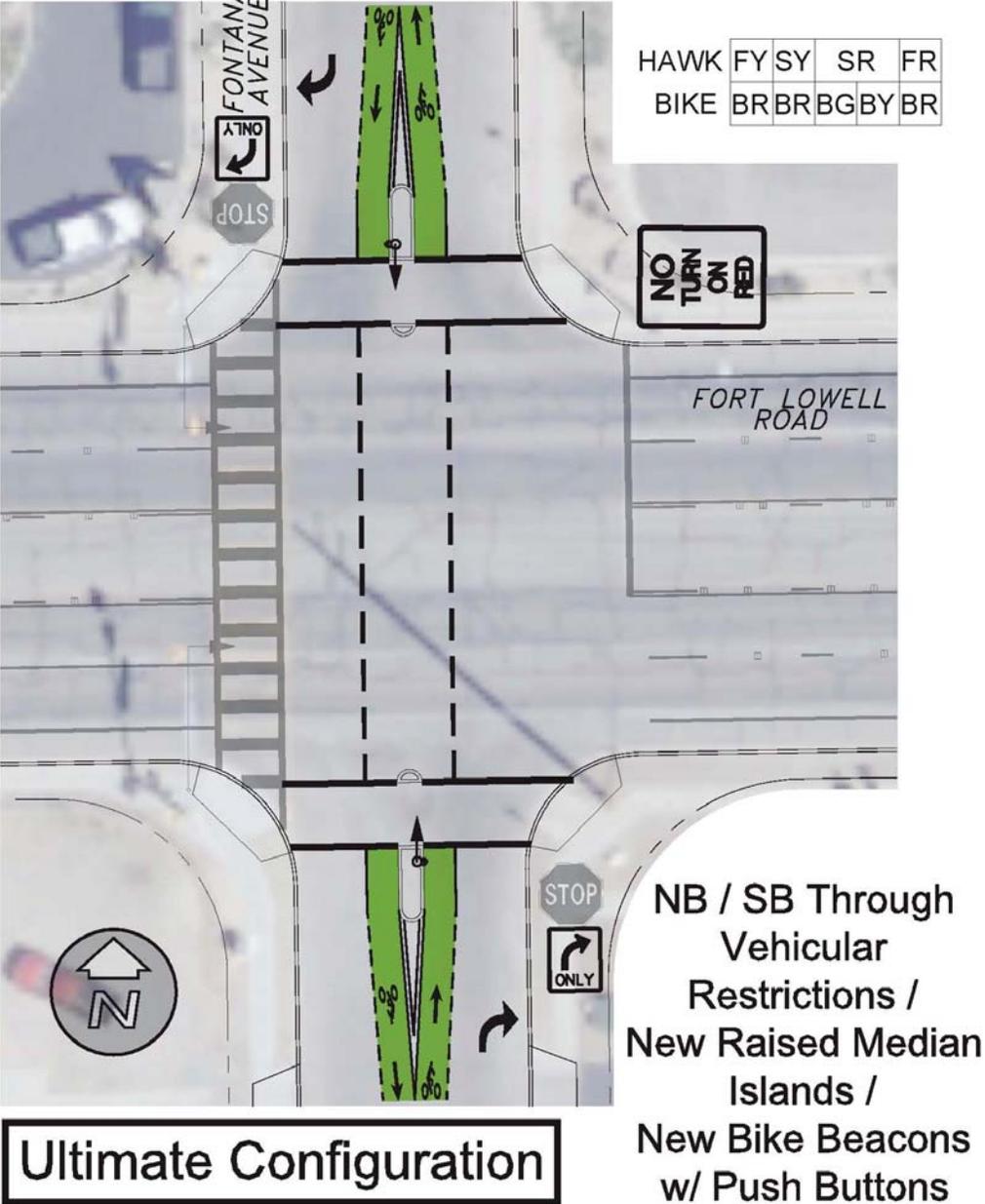
# Fontana Ave. / Fort Lowell Rd.



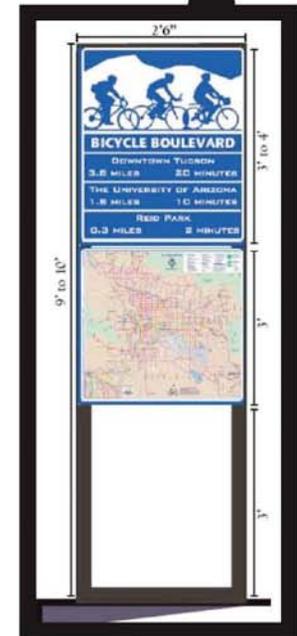
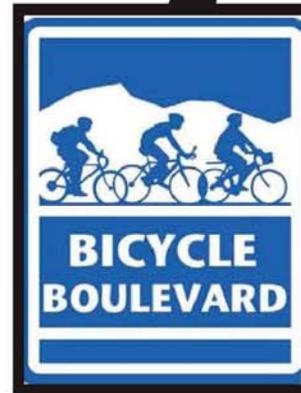
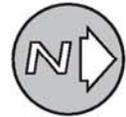
**Interim Configuration**

NB / SB Through  
Vehicular  
Restrictions  
&  
New Raised Median  
Islands

# Fontana Ave. / Fort Lowell Rd.



# Fontana Avenue - Yavapai Road to Prince Road



New Traffic Circle / Bike Blvd Entry Sign & Raised Island / Kiosk / Bike Blvd Legend

# Next Steps



- Gather feedback tonight
- Present final plan at openhouse next month
- Conduct survey of residents
- Mayor and Council
- Begin implementation in spring of 2010

# Questions/Answers



Presented by the City of Tucson Transportation Department, August 2009

# Thanks for coming

"I thought of that while riding my bike" .--  
Albert Einstein, on the theory of relativity

"Nothing compares to the simple pleasure of  
a bike ride" .--John F. Kennedy

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