

The background of the slide features a pattern of interlocking puzzle pieces in a teal color, set against a light, off-white background. The pieces are arranged in a way that suggests a larger, interconnected system or plan.

# **lrtp 2035**

## **needs plan**



**Florida East Coast Railway's  
NEW PASSENGER and FREIGHT STATIONS  
at Fort Lauderdale  
WILL OPEN JUNE 2nd**

# commuter train

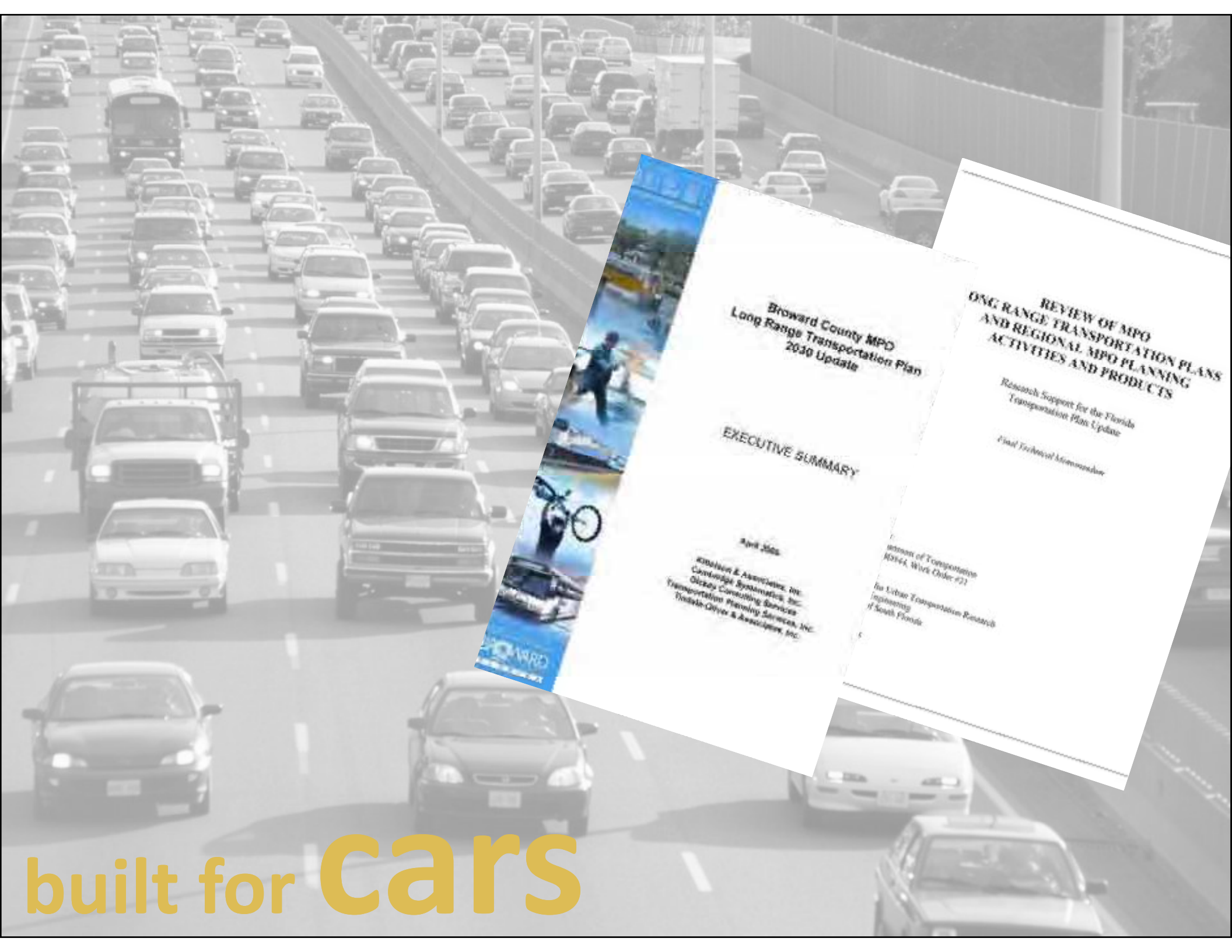




# Miami streetcar

grid system





**Broward County MPO  
Long Range Transportation Plan  
2030 Update**

**EXECUTIVE SUMMARY**

April 2006  
Kobelon & Associates, Inc.  
Cambridge Systematics, Inc.  
Olcese Consulting Services  
Transportation Planning Services, Inc.  
Tindale-Oliver & Associates, Inc.

**REVIEW OF MPO  
LONG RANGE TRANSPORTATION PLANS  
AND REGIONAL MPO PLANNING  
ACTIVITIES AND PRODUCTS**

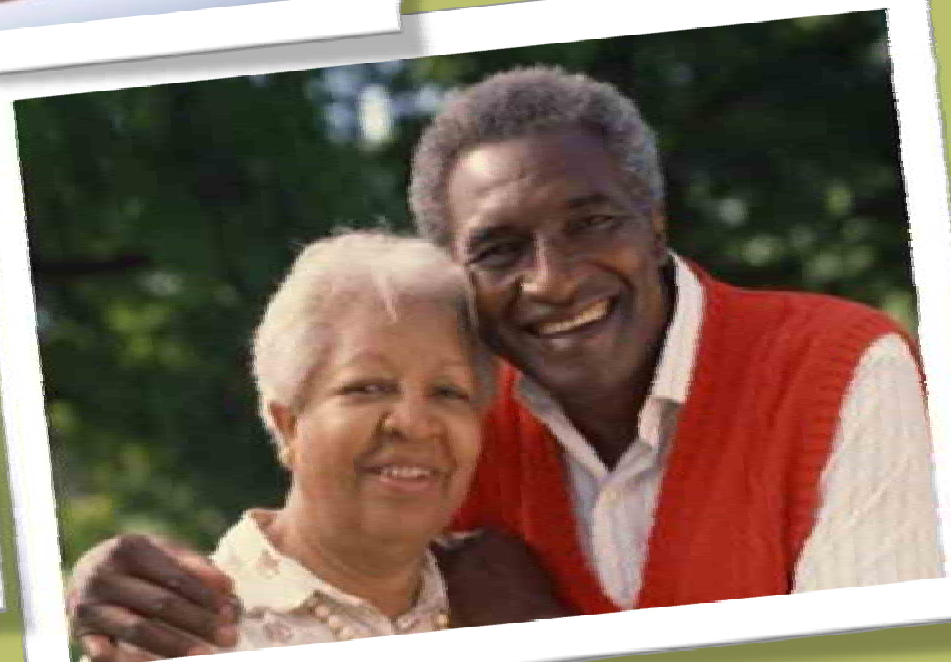
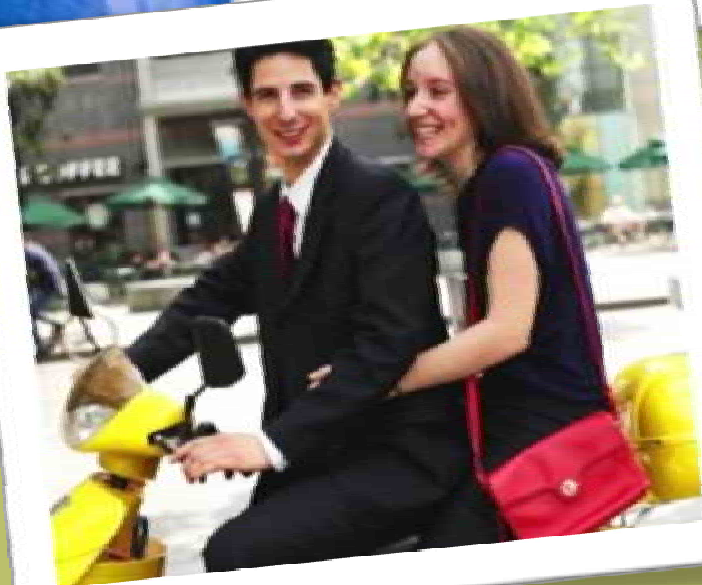
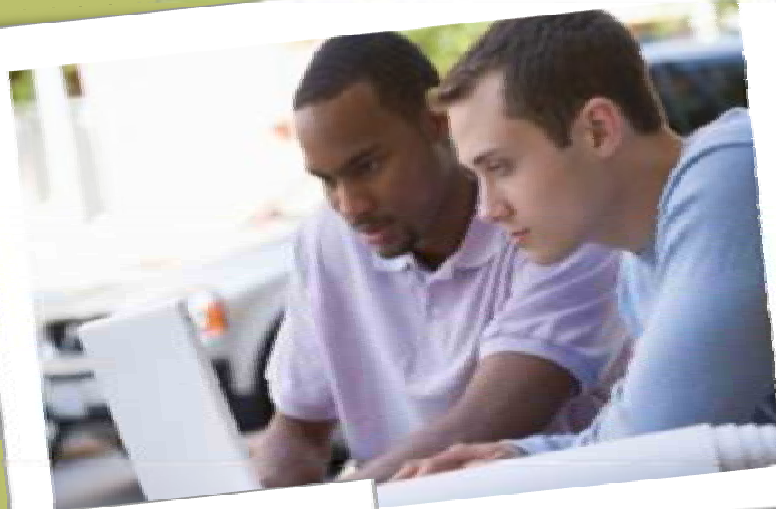
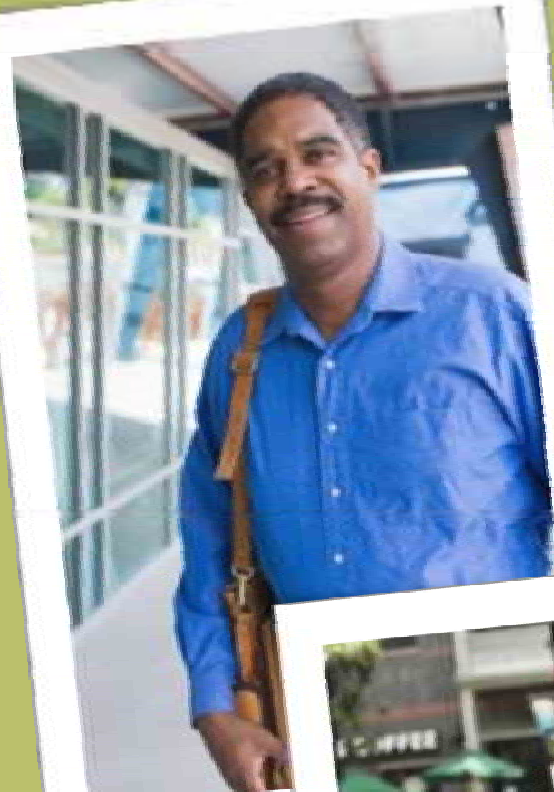
*Research Support for the Florida  
Transportation Plan Update*

*Final Technical Memorandum*

Department of Transportation  
40544 Work Order #21  
for Urban Transportation Research  
Improving  
of South Florida

**built for cars**

# National Trends – Looking Forward

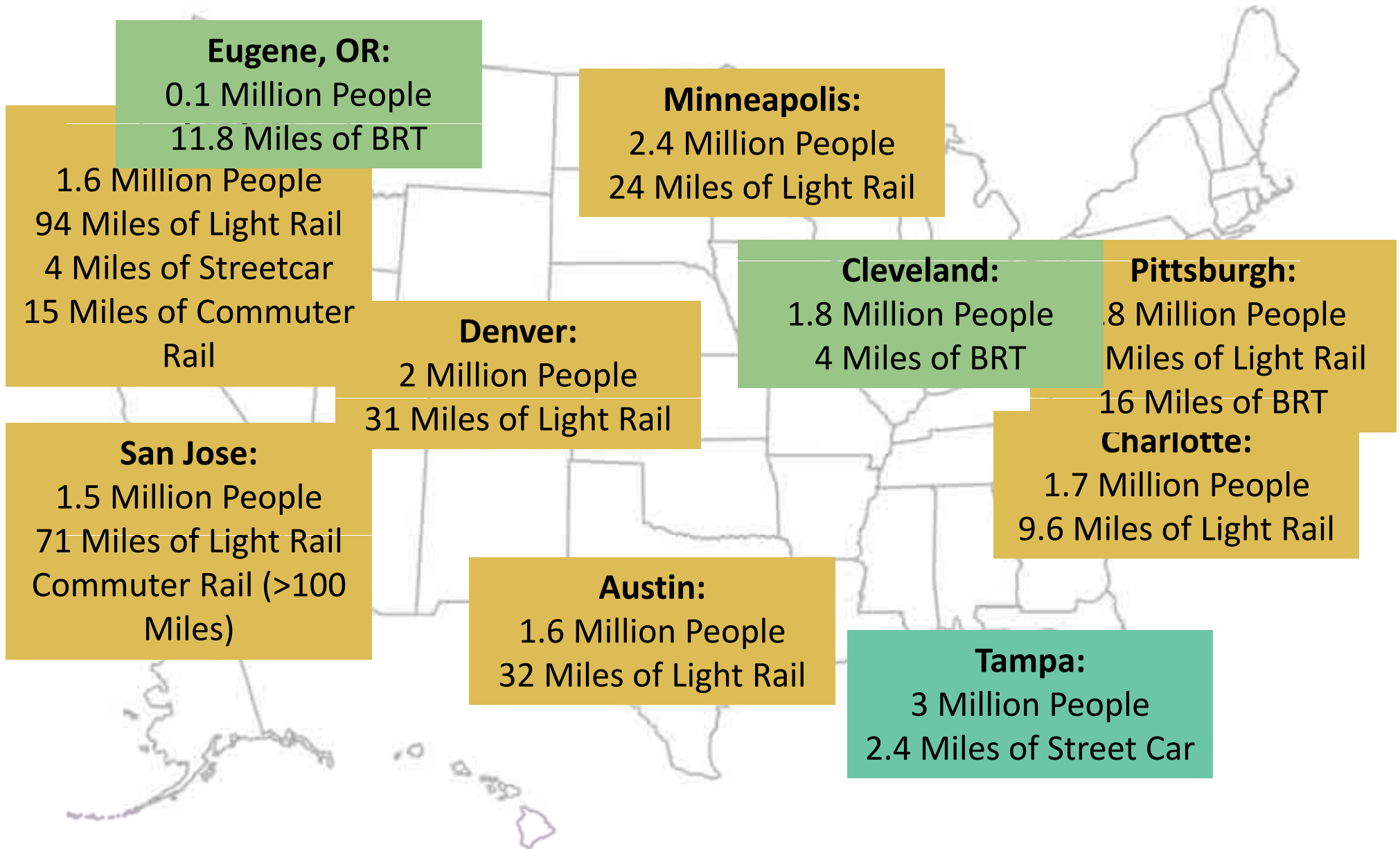


**Changing  
the way  
we  
travel.**





# How Broward County's Transit System Compares to...



**Broward County: 1.8 Million People, 0 Miles of LRT, 0 Miles of BRT**

**Our LRTP—  
an  
opportunity  
for change.**



# We've listened to the public.

5 public workshops  
5 community meetings  
1,300 surveys received



“**24%** Prefer **light rail**  
as an alternative to driving,  
if traffic congestion  
increased significantly.”



**What was  
said...**

Two most preferred options  
for improving traffic flow on  
roads in Broward County  
(scale of 1 to 5):



**4.36**

average rating for  
**improving traffic signal  
coordination.**

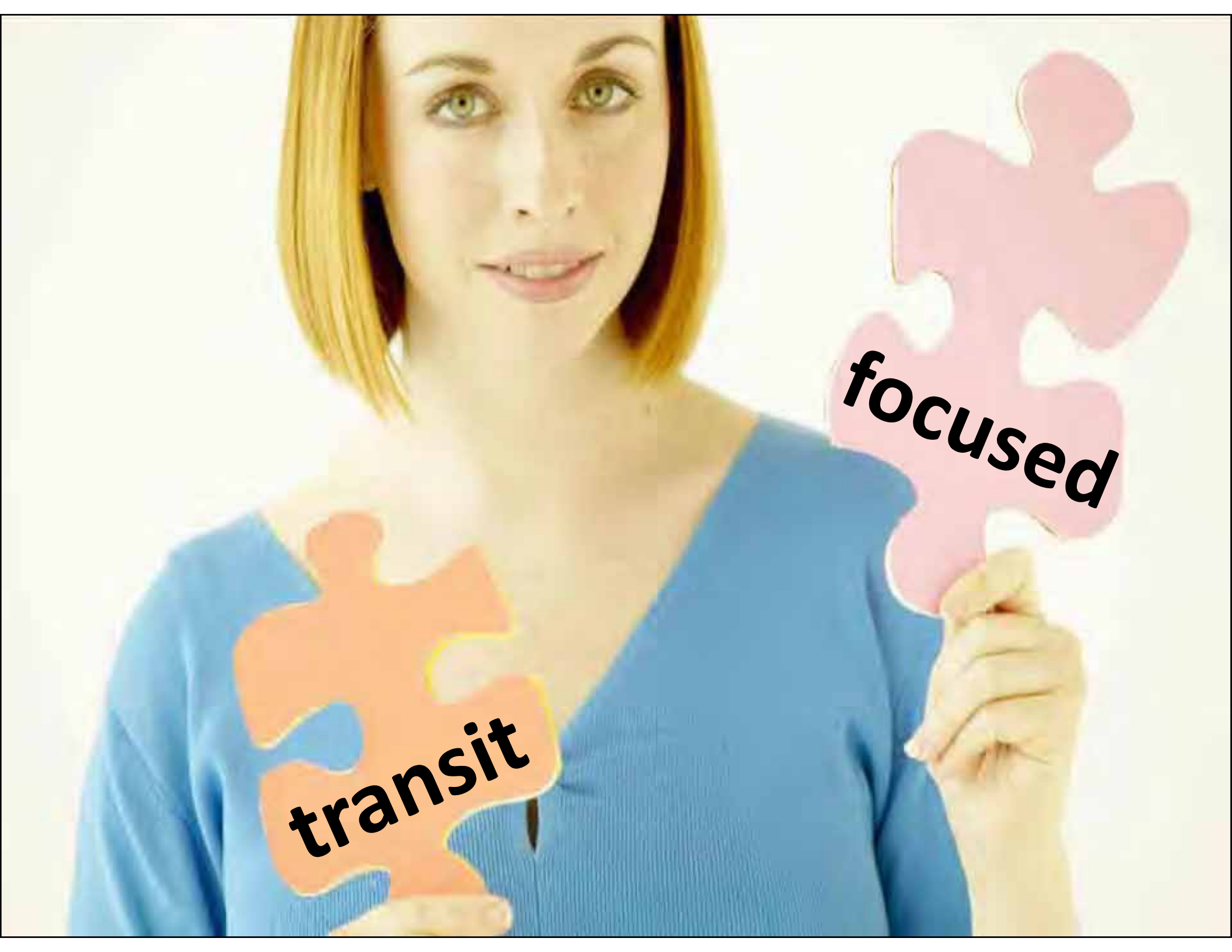
**3.68**

average rating for **bus  
bay pullouts.**

“ They would spend almost  
half, **48%**, of available  
transportation dollars  
to **improve/expand**  
**public transit.** ”



**What was  
said...**



**transit**

**focused**



# **HOW CAN WE PLAN FOR THE PEOPLE?**

Exercise #1



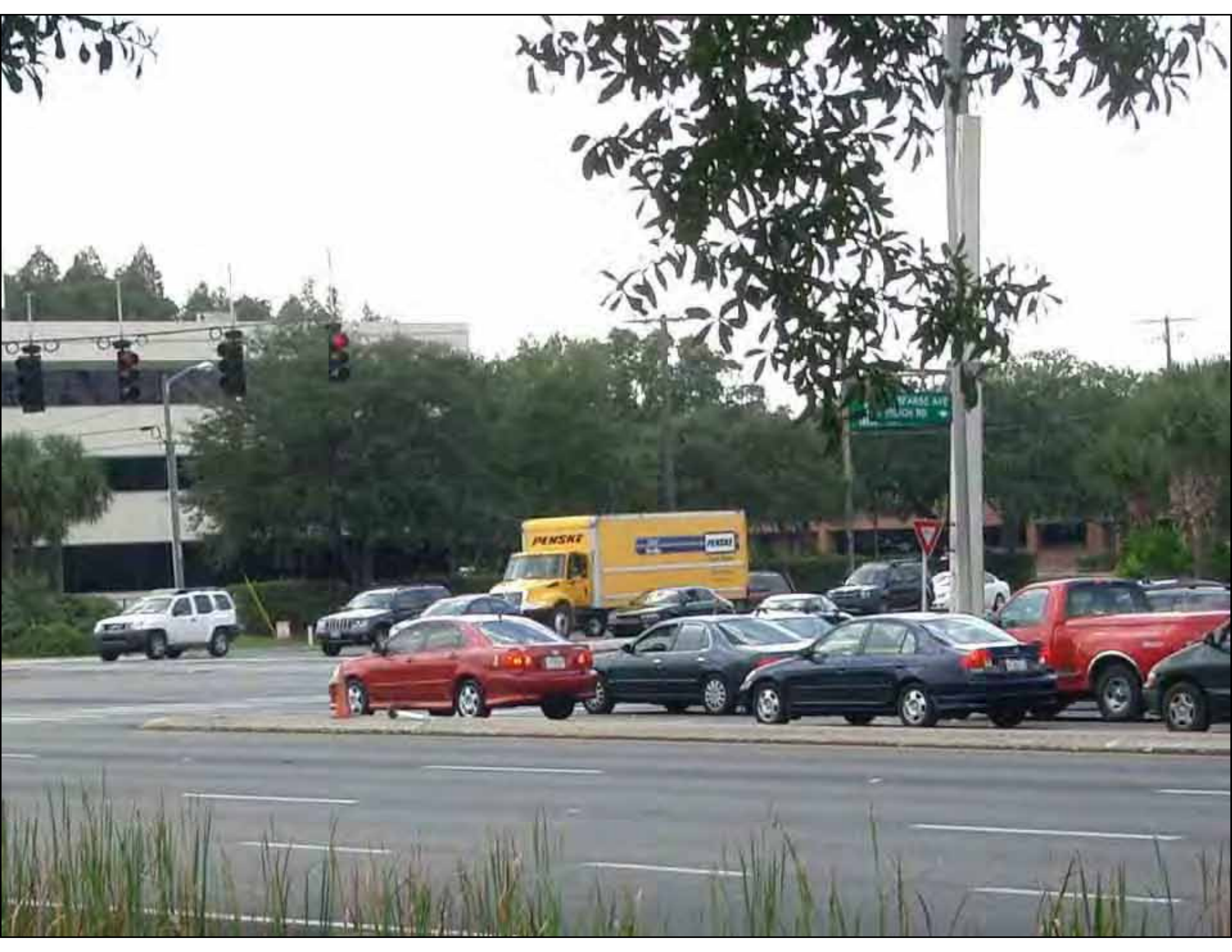




Photo courtesy of flickr user La Citta Vita





WELCOME  
OLD TOWN  
ELK GROVE

OLD TOWN  
ELK GROVE  
EST. 1868





Photo courtesy of flickr user Brenda M







# Planning for Places

- Design on a human scale
- Integrate with transportation options
- Incorporate safety for all users
- Create an identity and excitement!

Planning for People



**MOBILITY HUBS**

Community



Anchor



Gateway



Broward LRTP  
**Mobility Hubs**

# universal card fare

八達通  
OCTOPUS

98541964 (0)

- High boardings
- Higher density area
- 2+ high capacity lines
- Improves  $\frac{1}{2}$  mile walk radius
- Improves 2 mile bike radius

Gateway Hubs





free  
Wi-Fi





real-time  
**passenger**  
info

gathering  
**places**



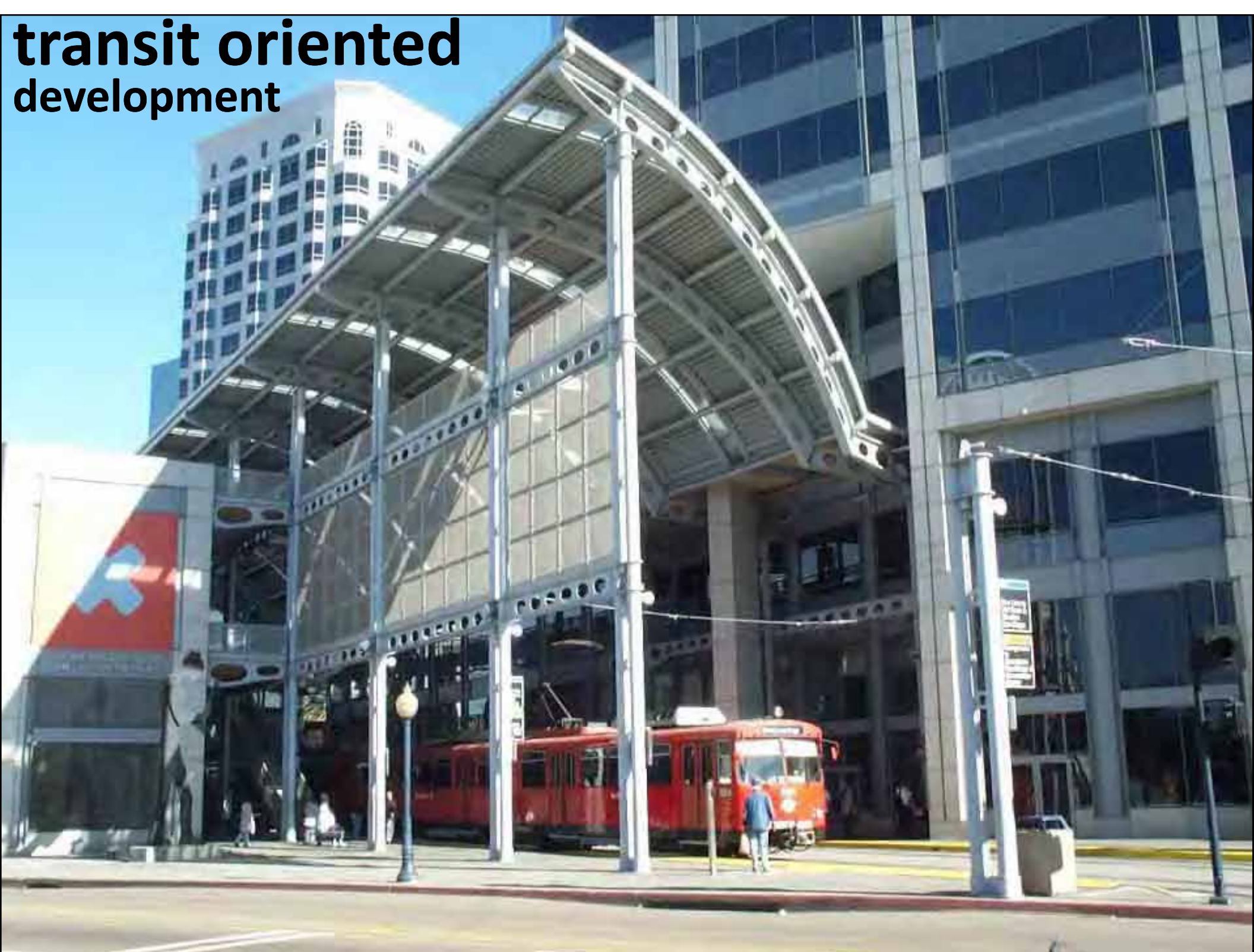


# pre-board ticketing



Route	Destinations	Stop	Route	Stop
100	110 Italia Plaza	A	200	205 C
110	Acacia Ridge Italia	A	290	C
115	Acacia Ridge	A		
	Sunnybank Hills	A	119	120 E
			119	120 C
			119	120 E
			119	120 F
214	215 Cannon Hill	B		
220	Cannon Hill	B		
215	Tringalpa & Garindale	B		
220	Tringalpa & Wynnun	B		
201	Garindale Heights	B		

# transit oriented development





car<sup>share</sup>

# bike share

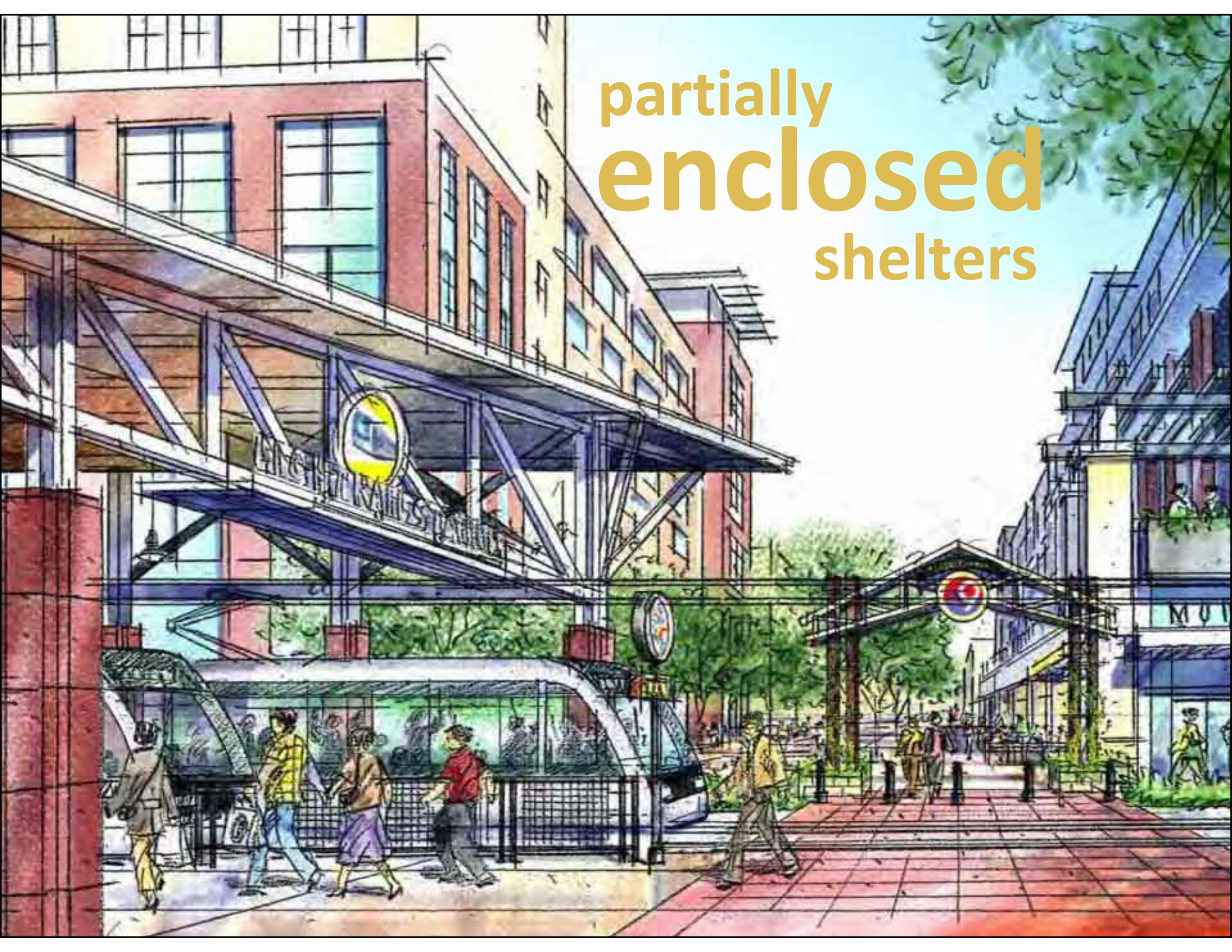


- Moderate boardings & transfers
- 1+ high capacity line
- Near major activity centers
- Improves  $\frac{1}{4}$  mile walk radius
- Improves 1 mile bike radius

Anchor Hubs



partially  
**enclosed**  
shelters





Anything is possible...  
كل شيء ممكن...  
عسى توفرنا الفرصة



cutting-edge  
**technology**



unique  
architecture





lighted  
**waiting areas**

- Rapid bus service and/or Breeze
- Local trips
- Improves 2-block walk & bike radius

Community Hubs





**identifiable locations**

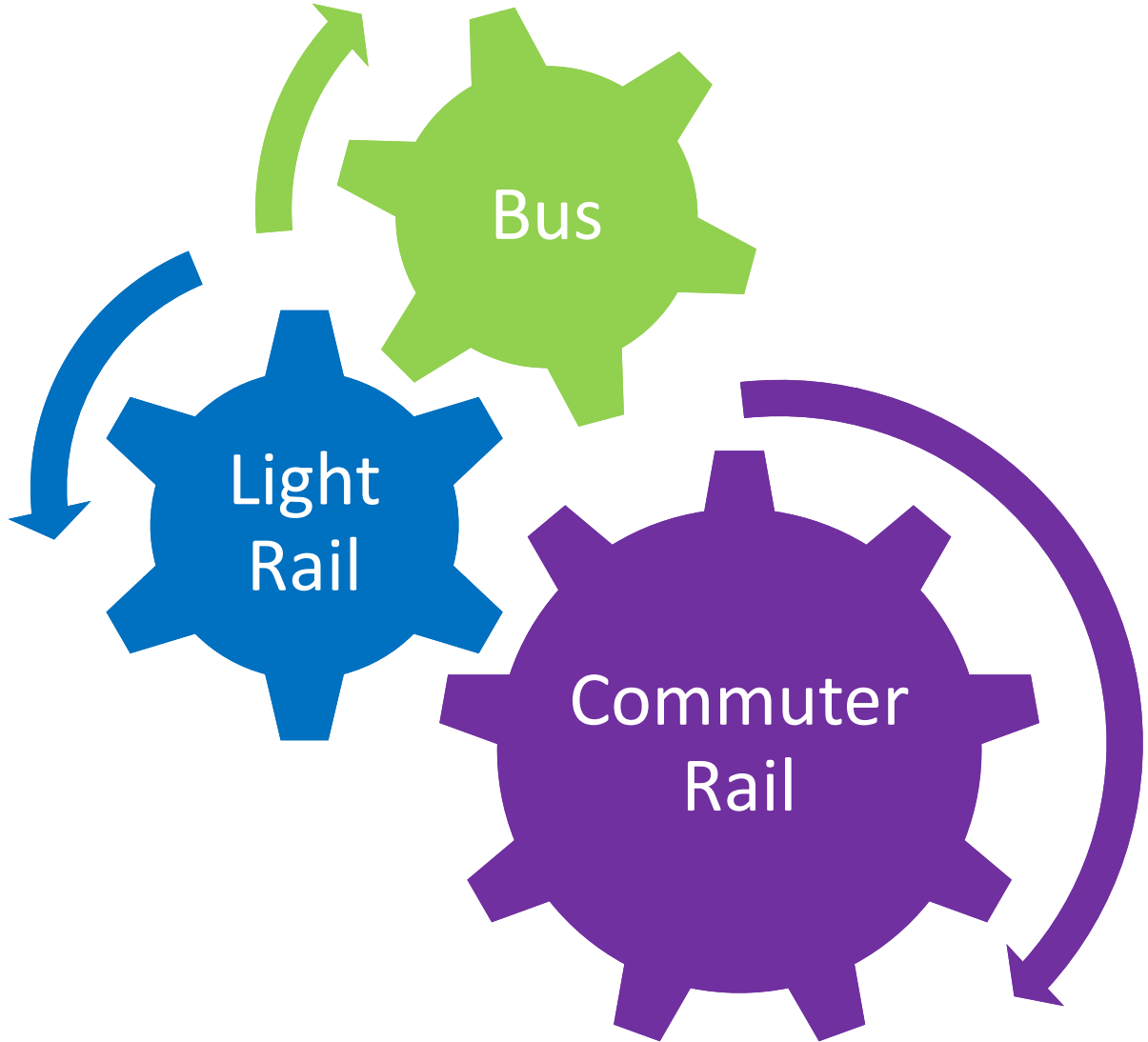


neighborhood  
**scale**



**TRANSIT TECHNOLOGY**

# Broward LRTP Transit Corridor Improvements





BUS

traffic signal  
priority



separated  
from traffic





# BRT vehicles



Higher  
capacity

# regional connections





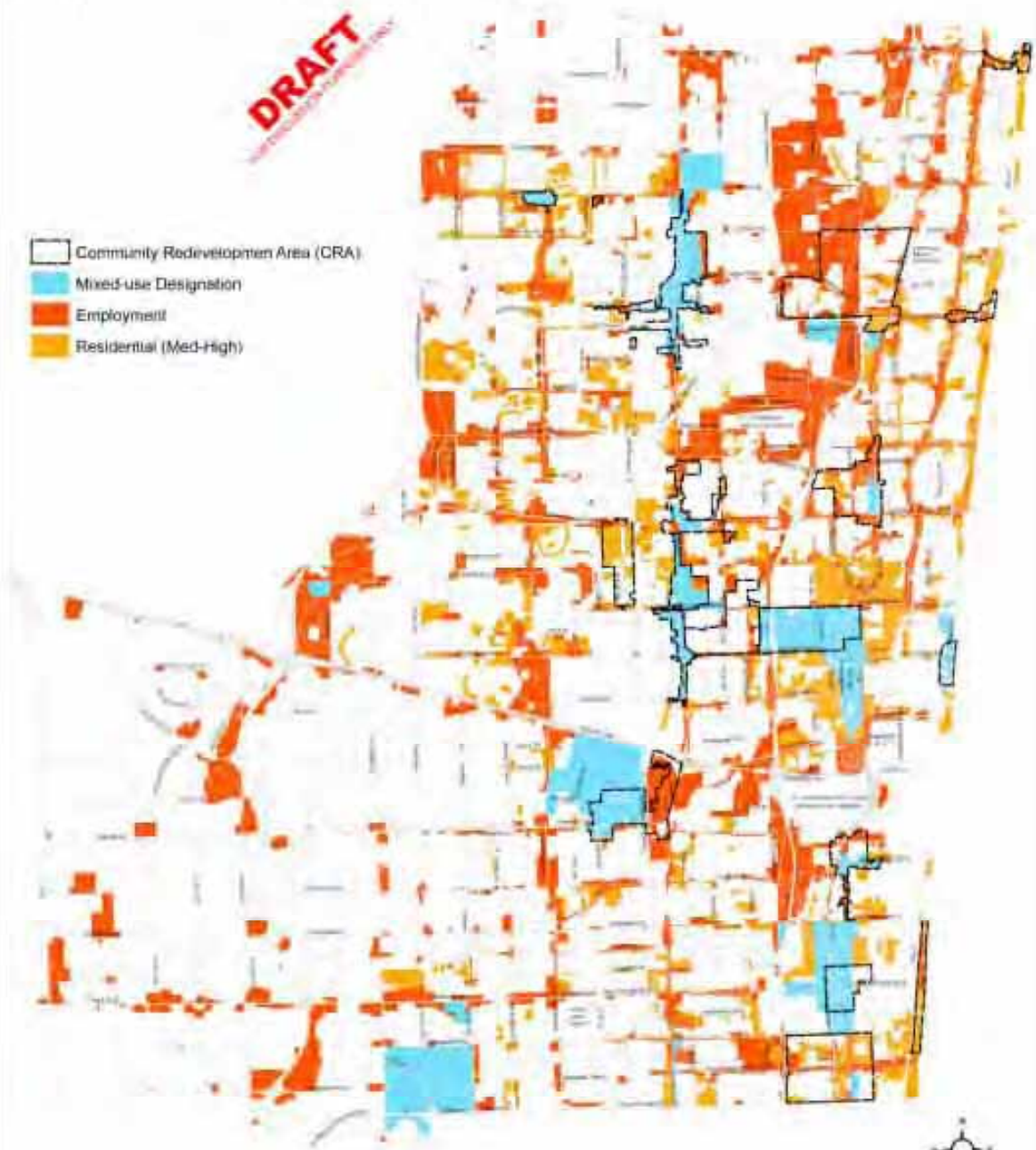
**YOUR NEEDS PLAN**

# 2035 LRTP POTENTIAL TRANSIT SERVICES

## CRA's & Transit Supportive Land Use

**DRAFT**  
FOR PUBLIC COMMENT

- Community Redevelopment Area (CRA)
- Mixed-use Designation
- Employment
- Residential (Med-High)



# **CAN YOU GET THERE?**

**Exercise #2**



Sonia's  
commute to  
work



William & Mary need to visit  
the doctor





Carlos & Mike  
like to go to  
the beach



# other improvements





**YOUR REALITY**

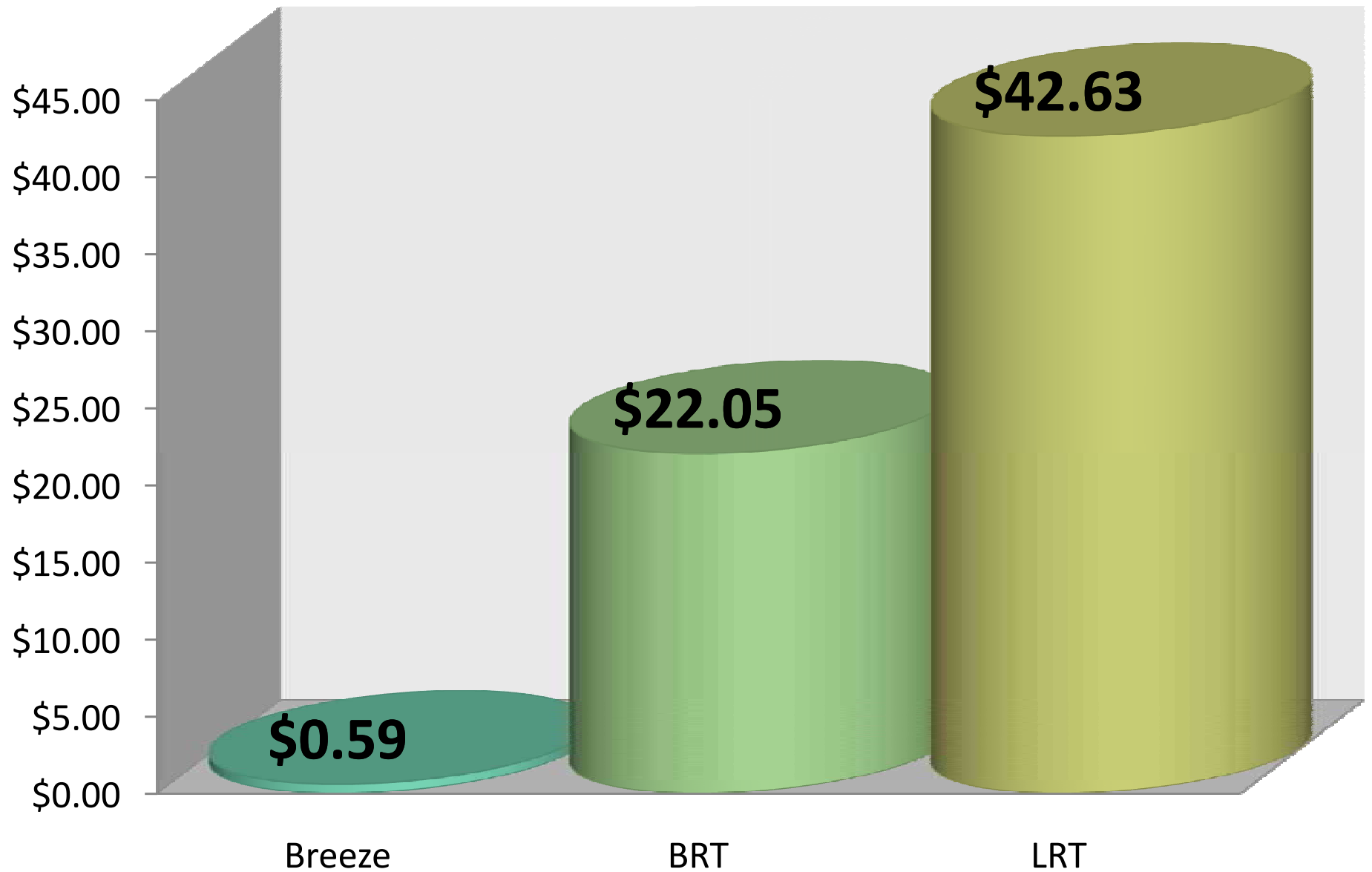
A hand holding a fan of US dollar bills, with the bills fanned out from the top left towards the bottom right. The bills are mostly one-dollar bills, with some two-dollar bills visible. The background is a light green gradient.

# **MONEY SPENDING EXERCISE**

**How would you like to see  
transportation dollars spent  
in Broward County?**

Allocate the money you are given to any of  
the transportation solutions as you see fit.

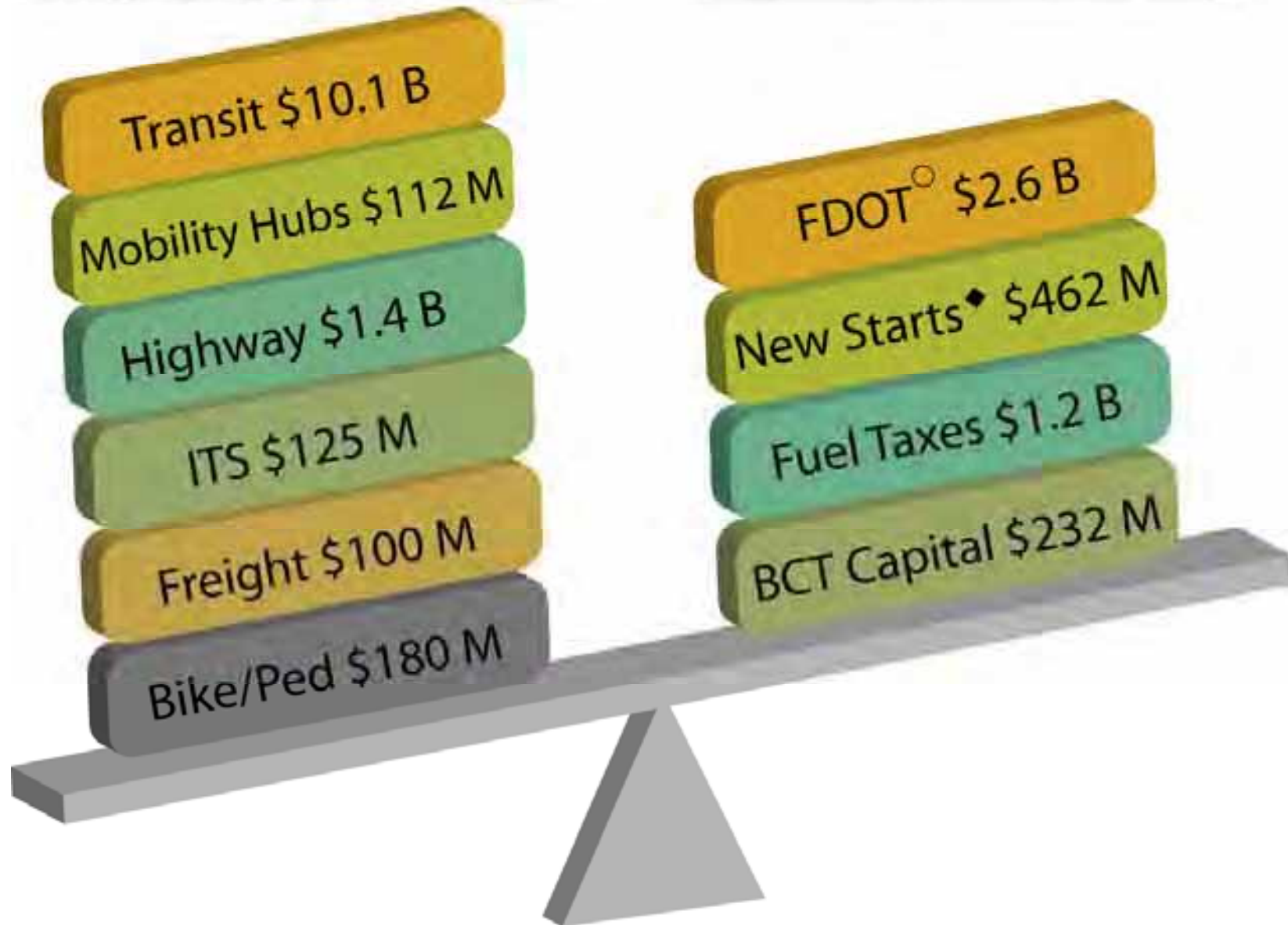
# Average Cost Per Mile (in Millions)



# Base Case Scenario

Needs Plan Capital Cost: \$12 B\*

Revenue Forecast: \$4.5 B

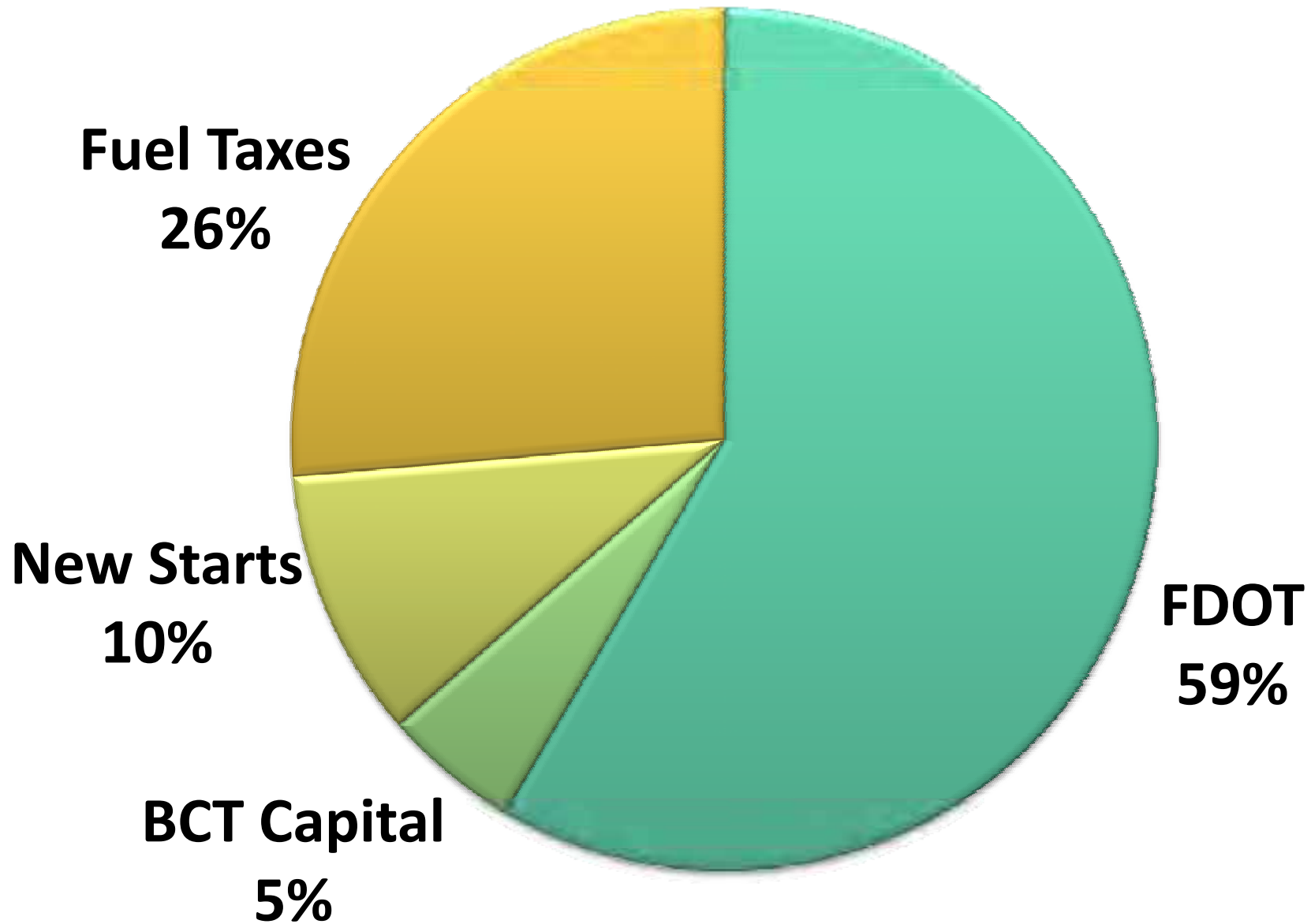


\*Numbers are rounded and based on 2009 dollars

○FDOT (SIS, Arterials/ROW, Transit Capital, TMA, TRIP)

◆State & Federal Transit New Starts

# Breakdown of Revenue Forecast Base Case Scenario



# Annual Revenues from Potential New Sources

1% Sales Surtax	\$287 M
2¢/mile VMT Charge	\$136 M
TIF Districts Around Hubs	
Baseline Growth	\$185 M
Trans.-Land Use Integration	\$261 M
All Assessed Value Growth	\$490 M

\*2009 dollars



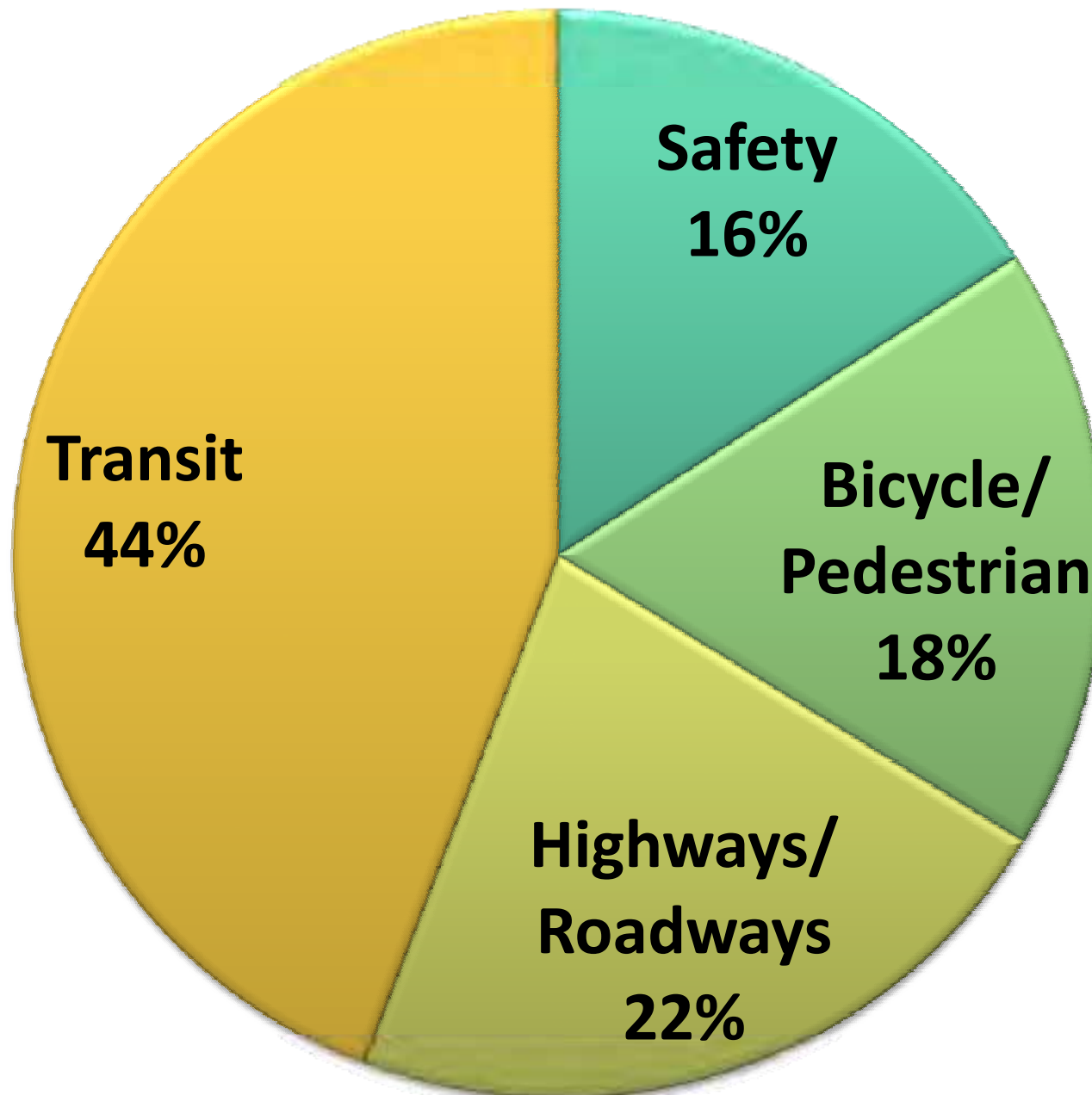
A hand is shown holding a fan of several US one-dollar bills. The bills are fanned out, showing the portrait of George Washington and the text 'THE UNITED STATES OF AMERICA' and 'ONE DOLLAR'. The background is a solid light green color.

# **MONEY SPENDING EXERCISE**

## **PART 2: RESULTS**

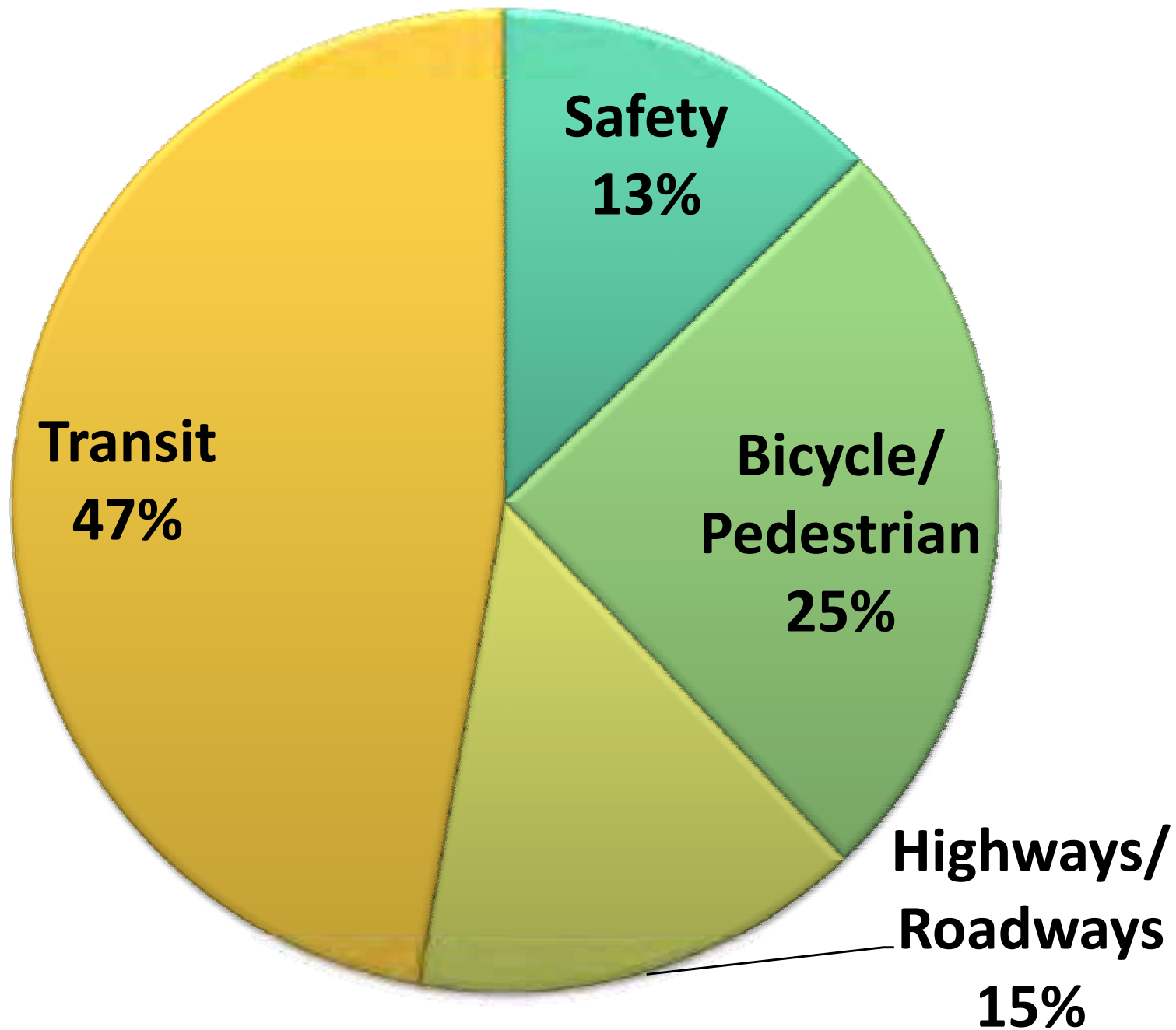
# Allocation of Transportation Dollars by Mode

## Public Input Results



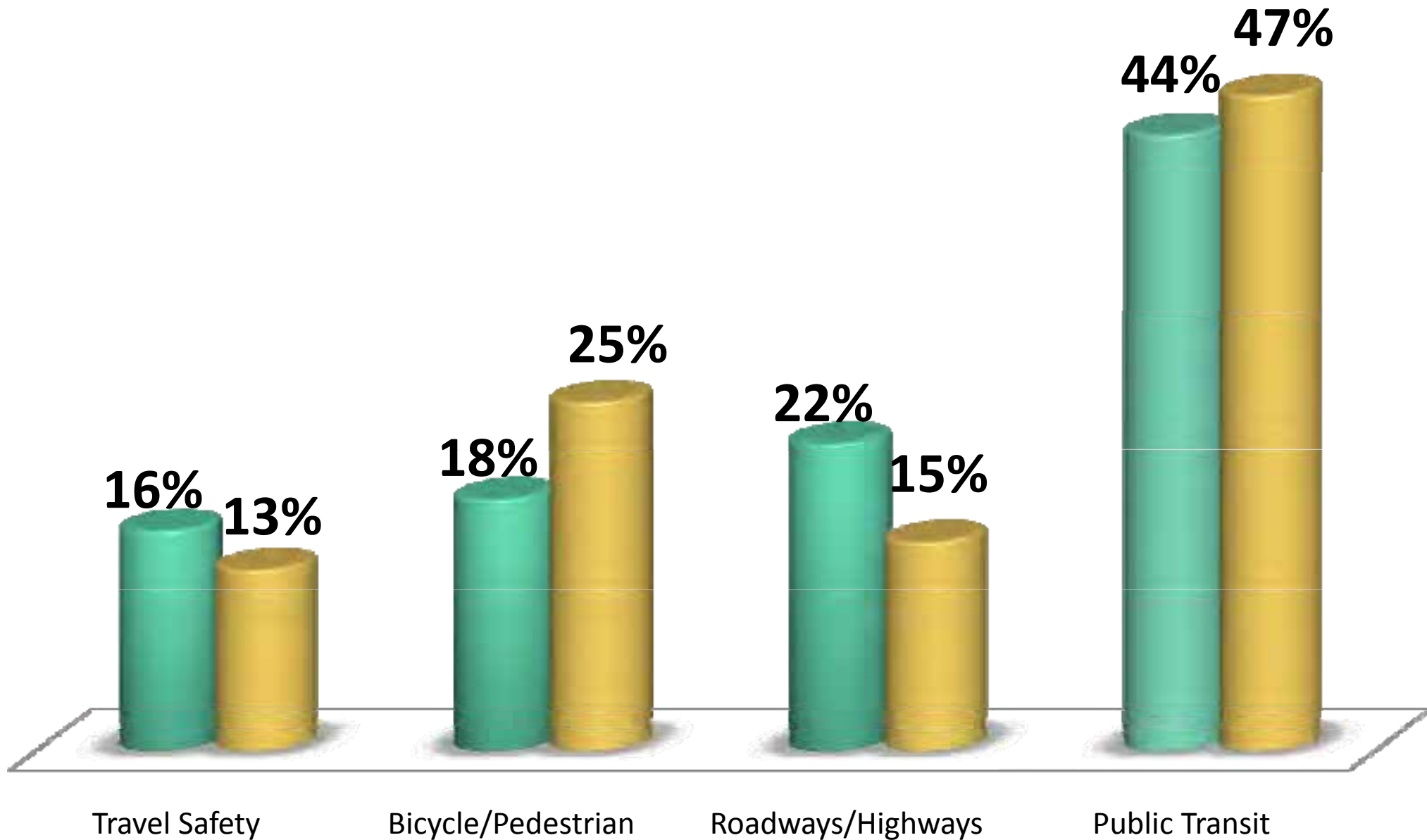
# Allocation of Transportation Dollars by Mode

## MPO Board Workshop Results



# Comparison of Allocation of Transportation Dollars by Mode

Public Input MPO Board Workshop



- Reviewed Needs Plan
- Identified MPO Board Priorities for Each Mode

The background of the image consists of several interlocking puzzle pieces in a teal color. The pieces are arranged in a way that suggests a larger, partially assembled picture. The lighting is soft, creating subtle shadows and highlights on the edges of the pieces, giving them a three-dimensional appearance.

let's  
move  
forward