Broward Complete Streets
Advisory Committee (CSAC) Meeting

Monday, November 5, 2018

BrowardMPO.org

HOUSEKEEPING

- Please make sure you have signed in and have an agenda.
- This meeting is being recorded.
- Please introduce yourself and the organization(s) you represent.
- SLIDO Event Code: #NovemberCSAC

Broward **MPO**
Metropolitan Planning Organization

BROWARD
COMPLETE STREETS
Safer, Healthier Streets for ALL Users

BrowardMPO.org

MPO CURRENT EFFORTS

- Let's Go Walking! 2018
- Walking Audits
- Training Opportunities
- Safe Streets Summit 2019

Broward **MPO**
Metropolitan Planning Organization

BROWARD
COMPLETE STREETS
Safer, Healthier Streets for ALL Users

LET'S GO WALKING! 2018

- Saturday, October 20, 2018
- Over 70 people participated
- Partners

BrowardMPO.org

LET'S GO WALKING! 2018

Broward **MPO**
Metropolitan Planning Organization

BROWARD
COMPLETE STREETS
Safer, Healthier Streets for ALL Users

BrowardMPO.org

WALKING AUDITS - Completed

City of Lauderhill

- Thursday, September 27, 2018
- Total Number of Participants: 36
- Route: Oakland Park Boulevard

City of Deerfield Beach

- Saturday, November 3, 2018
- Total Number of Participants: 49
- Route: Dixie Highway

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Metropolitan Planning Organization

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WALKING AUDITS - Upcoming

City of Lauderdale Lakes

- Thursday, November 29, 2018

- 3:00 p.m. – 5:00 p.m.

- Route: NW 31st Avenue

City of Pembroke Pines

- Early 2019

- Route: University Drive

TRAINING OPPORTUNITIES

- ## ADA Workshop 2.0
  - ### Thursday, November 15, 2018

ADA Roadmap, Path to a Transition Plan

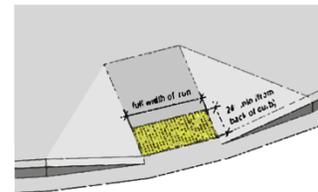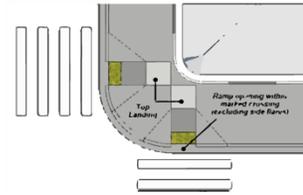### ADA Transition Plan – Technical Assistance Training #1

The training will cover the following:

- Transition Plan Roadmap,
- Introduction to Standards & Technical resources,
- Proposed Accessibility Guidelines for Pedestrian Facilities in the Right -of-way (PROWAG) overview,
- Design Considerations Breakout

Date: Thursday, November 15, 2018
Time: 8:00 a.m. to 12:30 p.m.
Location: Trade Centre South 100 West Cypress Creek Road, 6th Floor Suite 650, Board Room. Fort Lauderdale, FL 33309

Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way
July 26, 2011

UNITED STATES ACCESS BOARD
A FEDERAL AGENCY COMMITTED TO ACCESSIBLE DESIGN

To register, contact Stephanie Garcia by email at garcias@browardmpo.org or sign up at the link by clicking <u>here.</u>

For complaints, questions or concerns about civil rights or nondiscrimination; or for special requests under the Americans with Disabilities Act, please contact Christopher Ryan, Title VI Coordinator at (954) 876-0036 or ryanc@browardmpo.org.

For more information, please visit: BrowardMPO.org

Broward MPO
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Broward MPO
Metropolitan Planning Organization

SAFE STREETS SUMMIT 2019

Save the Date!

- February 25 and 26, 2019
- Intercontinental Miami
- Registration Open: SafeStreetsSummit.org

#SafeStreetsSummit
SafeStreetsSummit.org

Broward Metropolitan Planning Organization

BROWARD COMPLETE STREETS
Safer, Healthier Streets for ALL Users

BrowardMPO.org

Broward County STAR Certification

Presented by:
Jill Horwitz
Natural Resource Specialist – Broward County

WHAT IS STAR?
AND HOW DOES IT MEASURE SUSTAINABILITY?

The STAR Community Rating System is the nation's leading sustainability framework and certification program. Built by and for local governments, STAR provides a clear, data-driven approach to assessing social, economic, and environmental progress.

STAR COMMUNITIES

SUSTAINABILITY
TOOLS FOR
ASSESSING &
RATING COMMUNITIES

37 STATES + DC | 4 PROVINCES | 170 COMMUNITIES

★ STAR-certified communities

● Communities that have actively engaged in STAR programs
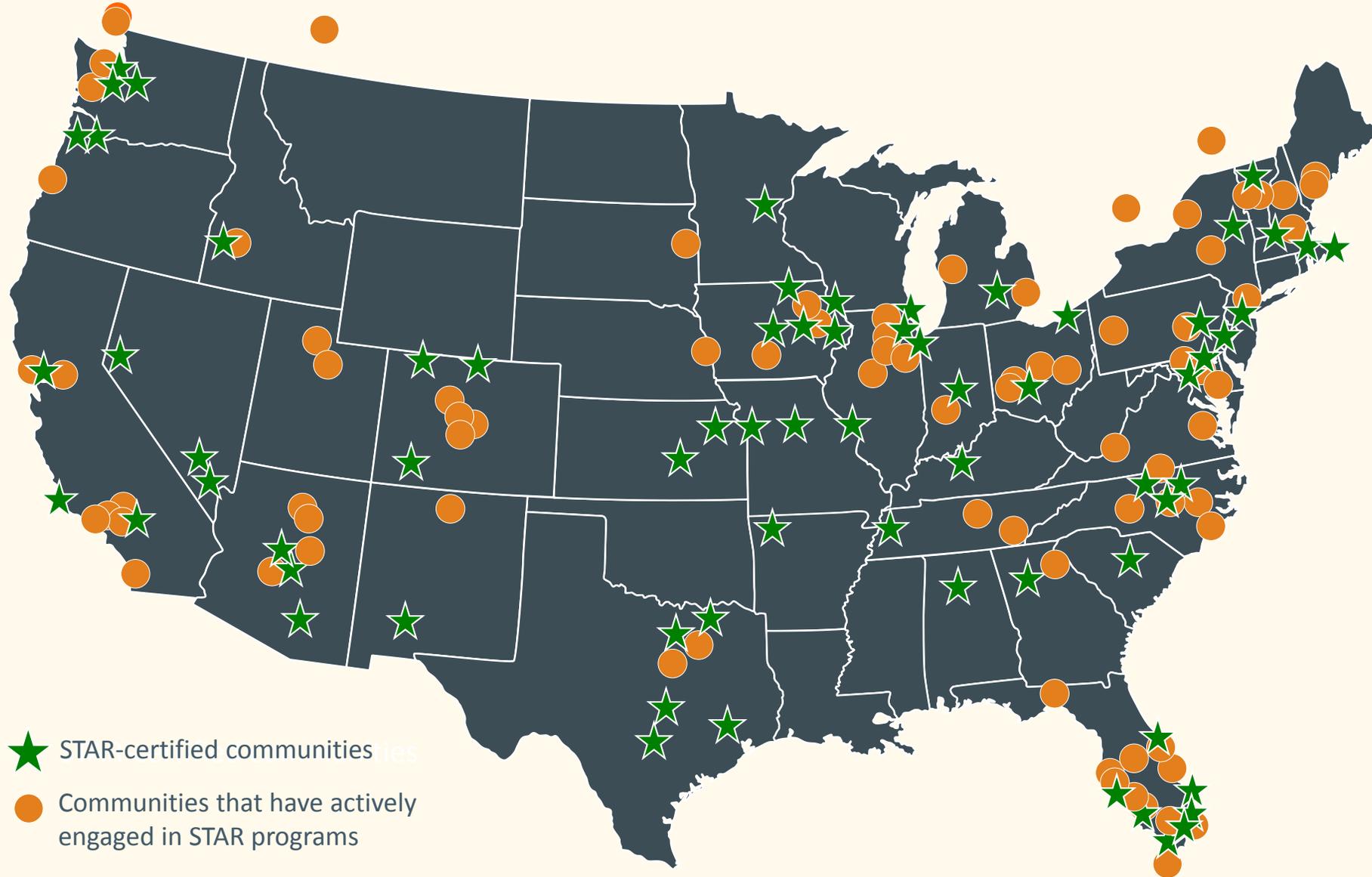
CERTIFIED STAR COMMUNITIES

As of Sept. 2017, 63 US cities and counties have received a STAR Community Rating!

5-STAR Community

- Baltimore, MD
- Cambridge, MA
- Northampton, MA
- Seattle, WA

4-STAR Community

- Ann Arbor, MI
- Austin, TX
- Boise, ID
- Broward County, FL
- Burlington, VT
- Columbus, OH
- Davenport, IA
- Dubuque, IA
- Evanston, IL
- Henderson, NV
- Indianapolis, IN
- Iowa City, IA
- Kansas City, MO
- King County, WA
- Las Vegas, NV
- Lawrence, KS
- Louisville, KY
- Memphis, TN
- Plano, TX
- Portland, OR
- Raleigh, NC
- Steamboat Springs, CO
- Tacoma, WA
- Tucson, AZ
- Washington, DC
- West Palm Beach, FL

3-STAR Community

- Abington, PA
- Albany, NY
- Atlanta, GA
- Beaverton, OR
- Birmingham, AL
- Blue Island, IL
- Chandler, AZ
- Charles City, IA
- Cleveland, OH
- Columbia, MO
- Denton, TX
- Des Moines, IA
- Durango, CO
- El Cerrito, CA
- Fayetteville, AR
- Fort Collins, CO
- Houston, TX
- Las Cruces, NM
- Lee County, FL
- Monroe County, FL
- Palm Bay, FL
- Park Forest, IL
- Phoenix, AZ
- Pinecrest, FL
- Reading, PA
- Riverside, CA
- Rosemount, MN
- St. Louis, MO
- St. Petersburg, FL
- San Antonio, TX
- Wichita, KS
- Winston-Salem, NC
- Woodbridge, NJ

We are the LARGEST Pilot Year Certified STAR Community

Community	Population	Cert-Level	Date
Tacoma, WA	202,010	4-STAR	11/15/13
Indianapolis, IN	844,220	3-STAR	1/12/14
Lee County, FL	645,293	3-STAR	2/7/14
Broward County, FL	**1,815,000**	**4-STAR**	**2/11/14**
Evanston, IL	75,430	4-STAR	3/3/14
Austin, TX	842,592	4-STAR	3/5/14
Fort Collins, CO	148,612	3-STAR	3/20/14
Chandler, AZ	245,628	3-STAR	4/15/14
Northampton, MA	28,592	5-STAR	5/2/14
Des Moines, IA	206,688	3-STAR	5/8/14
El Cerrito, CA	24,048	3-STAR	5/28/14
Albany, NY	97,904	3-STAR	6/2/14
Cleveland, OH	390,928	3-STAR	6/6/14
Tucson, AZ	524,295	4-STAR	6/9/14
Atlanta, GA	443,775	3-STAR	6/18/14
Davenport, IA	101,363	4-STAR	6/27/14
Fayetteville, AR	76,899	3-STAR	8/11/14
Seattle, WA	634,535	5-STAR	8/19/14
Portland, OR	603,106	4-STAR	8/21/14
Washington, DC	632,323	4-STAR	9/10/14

STAR COMMUNITIES

SUSTAINABILITY TOOLS FOR ASSESSING & RATING COMMUNITIES

BROWARD
County

FACT:

You live in one of the most
beautiful, progressive, economically competitive
and environmentally sustainable communities
in the nation!

Celebrate Accomplishments, ID Best Practices,
Prioritize New Projects, Set Goals, Apply for Grants

Strong Relationships build a
Strong & Sustainable Community

2013 Reporting Partners

Airport Development, Cultural Affairs Division, Emergency Management, Facilities Management, Family Success Administration Division, Historical Commission, Human Resources Division, Human Services, Office of Economic & Small Business Development, OIAPS, Parks and Recreation, Permitting Licensing & Consumer Protection, Planning and Redevelopment, Pollution Prevention Remediation and Air Quality Division, Office of Public Communications, Purchasing, Solid Waste and Recycling Services, Supervisor of Elections Office, Traffic and Engineering, Broward County Public Schools, Broward Metropolitan Planning Organization, Broward Sheriff's Office, Children's Services Council of Broward, FHEED, Florida Department of Health in Broward County, South Florida Regional Planning Council, International Dark Sky Alliance, TOUCH, UF-IFAS Broward County Extension Office, Urban Health Solutions Urban Health Partnerships, and CareerSource Broward.

One Community – One message
4-STAR BROWARD

We are the 1st County in the nation to be awarded a 4-STAR Community Rating!

Recognized for National Excellence in Sustainability

Over 500 Community-wide initiatives were reported

Measures the Triple Bottom Line

➡ *Rating Benefits Entire Community*

UPDATE ON 2018 BROWARD RECERTIFICATION

FRAMEWORK OF GOALS & OBJECTIVES

Built Environment	Climate & Energy	Economy & Jobs	Education, Arts, & Community	Equity & Empowerment	Health & Safety	Natural Systems
Ambient Noise & Light	Climate Adaptation	Business Retention & Development	Arts & Culture	Civic Engagement	Active Living	Green Infrastructure
Community Water Systems	Greenhouse Gas Mitigation	Green Market Development	Community Cohesion	Civil & Human Rights	Community Health	Biodiversity & Invasive Species
Compact & Complete Communities	Greening the Energy Supply	Local Economy	Educational Opportunity & Attainment	Environmental Justice	Emergency Management & Response	Natural Resource Protection
Housing Affordability	Energy Efficiency	Quality Jobs & Living Wages	Historic Preservation	Equitable Services & Access	Food Access & Nutrition	Outdoor Air Quality
Infill & Redevelopment	Water Efficiency	Targeted Industry Development	Social & Cultural Diversity	Human Services	Health Systems	Water in the Environment
Public Parkland	Local Govt GHG & Resource Footprint	Workforce Readiness	Aging in the Community	Poverty Prevention & Alleviation	Hazard Mitigation	Working Lands
Transportation Choices	Waste Minimization				Safe Communities	

SUSTAINABILITY SYNERGIES: *it's all connected…*

Climate & Energy

Resource Efficient Buildings

Waste Minimization

Business Retention & Development

Greening the Energy Supply

Health & Safety

Local Economy

Green Market Development

Economy & Jobs

Targeted Industry Development

Indoor Air Quality

Active Living

Greenhouse Gas Mitigation

Community Health & Health System

Outdoor Air Quality

Quality Jobs & Living Wages

Food Access & Nutrition

Transportation Choices

Workforce Readiness

Natural & Human Hazards

Safe Communities

Compact & Complete Communities

Environmental Justice

Civic Engagement

Working Lands

Emergency Prevention & Response

Human Services

Invasive Species

Community Cohesion

Equity & Empowerment

Poverty Prevention & Alleviation

Natural Systems

Education, Arts & Community

Social & Cultural Diversity

Equitable Services & Access

Housing Affordability

Civil & Human Rights

Built Environment

Water in the Environment

Historic Preservation

Public Spaces

Green Infrastructure

Natural Resource Protection

Arts & Culture

Educational Opportunity & Attainment

Ambient Noise & Light

Community Water Systems

STAR COMMUNITIES | SUSTAINABILITY TOOLS FOR ASSESSING & RATING COMMUNITIES

FRAMEWORK OF GOALS & OBJECTIVES

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Transportation Choices	Waste Minimization				Safe Communities	

Built Environment Goal Area
Objective: Transportation Choices

51%

Submitted? (select Yes or No)	Concatenate Code	Description
Yes	BE7Action1	Adopt a bicycle and/or pedestrian master plan that prioritizes future projects to improve safety and access to non-motorized transportation and connections to public transit
Yes	BE7Action2	Adopt a complete streets policy that addresses all users, applies to all projects with limited exceptions, and includes specific next steps for implementation
Yes	BE7Action3	Subdivision and other development regulations require walkability standards that encourage walking and enhance safety
Yes	BE7Action4	Conduct early development reviews of subdivisions and other developments that includes an analysis of destinations within ½ mile of project borders and multi-modal access routes
Yes	BE7Action5	Offer local government employees incentives to commute by modes other than single-occupancy vehicles
Yes	BE7Action6	Implement at least 2 types of focused enforcement programs to ensure pedestrian, bicycle, and motorist safety
Yes	BE7Action7	Increase the percentage of households with access to public transit
No	BE7Action8	Increase the mileage of sidewalks, particularly on arterial or collector roads, that connect people with destinations
No	BE7Action9	Increase the mileage of striped or buffered bicycle lanes, cycle-tracks, parallel off-street paths and/or other dedicated facilities
Yes	BE7Action10	Establish or support a communitywide public bike share program
Yes	BE7Action11	Construct or retrofit transportation infrastructure to meet standards in the Americans with Disabilities Act (ADA)

ACTIONS

Built Environment Goal Area
Objective: Transportation Choices

Submitted? (select Yes or No)	Concatenate Code	Description
No	BE7Outcome1	Mode Split: Achieve the following thresholds for journey-to-work trips: • Drive alone maximum: 60% • Bike + Walk + Transit minimum: 25% • Bike + Walk minimum: 5% [Partial credit available]
No	BE7Outcome2	Transportation Affordability: Show that the average total driving cost is 15% or less of the regional typical household income
No	BE7Outcome3	Transportation Safety: Part 1: Demonstrate that pedestrian and bicyclist fatalities are making incremental progress towards zero fatalities by 2040 [Parital credit available] --AND-- Part 2: Demostrate that vehicular fatalities are making incremental progress towards zero fatalities by 2040 [Partial credit available]
No	BE7Outcome4	Vehicle Miles Traveled: Demonstrate an annual decrease in vehicle miles traveled measured from a baseline year

OUTCOMES

BE 7 Outcome 1

Mode Split: Achieve the following thresholds for journey-to-work trips:

- Drive alone maximum: **60%**
- Bike + Walk + Transit minimum: **25%**
- Bike + Walk minimum: **5%**

Data Source: https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_16_5YR_S0801&prodType=table

Initial Data	
Most Recent Reporting Period	2016

Data Table			
Commuter Data		**Threshold**	**Meets Threshold?**
Drove alone	79.4%	60%	No
Public transportation (excluding taxicab)	3.0%		
Walked	1.3%		
Bicycle	0.6%		
Public transportation, Walked, and Bicycle	4.9%	25%	No
Walked and Bicycle	1.9%	5%	No

Transportation Affordability:

Show that the average total driving cost is 15% or less of the regional typical household income

Data Table	
Dollar amount used for Gas Price	$2.80
Total Driving Cost Budget	7,312
Annual Estimated Driving Costs	12,228
Driving cost to Household Income	25.1%

Notes / Comments
CNT assessment: 167% https://htaindex.cnt.org/total-driving-costs/ Average gas price for Broward County listed as 2.812. Linked found through Fuel Economy: https://gasprices.aaa.com/?state=FL

COMMUNITIES | RATING COMMUNITIES

BE 7 Outcome 3

Transportation Safety:

Part 1: Demonstrate that pedestrian and bicyclist fatalities are making incremental progress towards zero fatalities by 2040
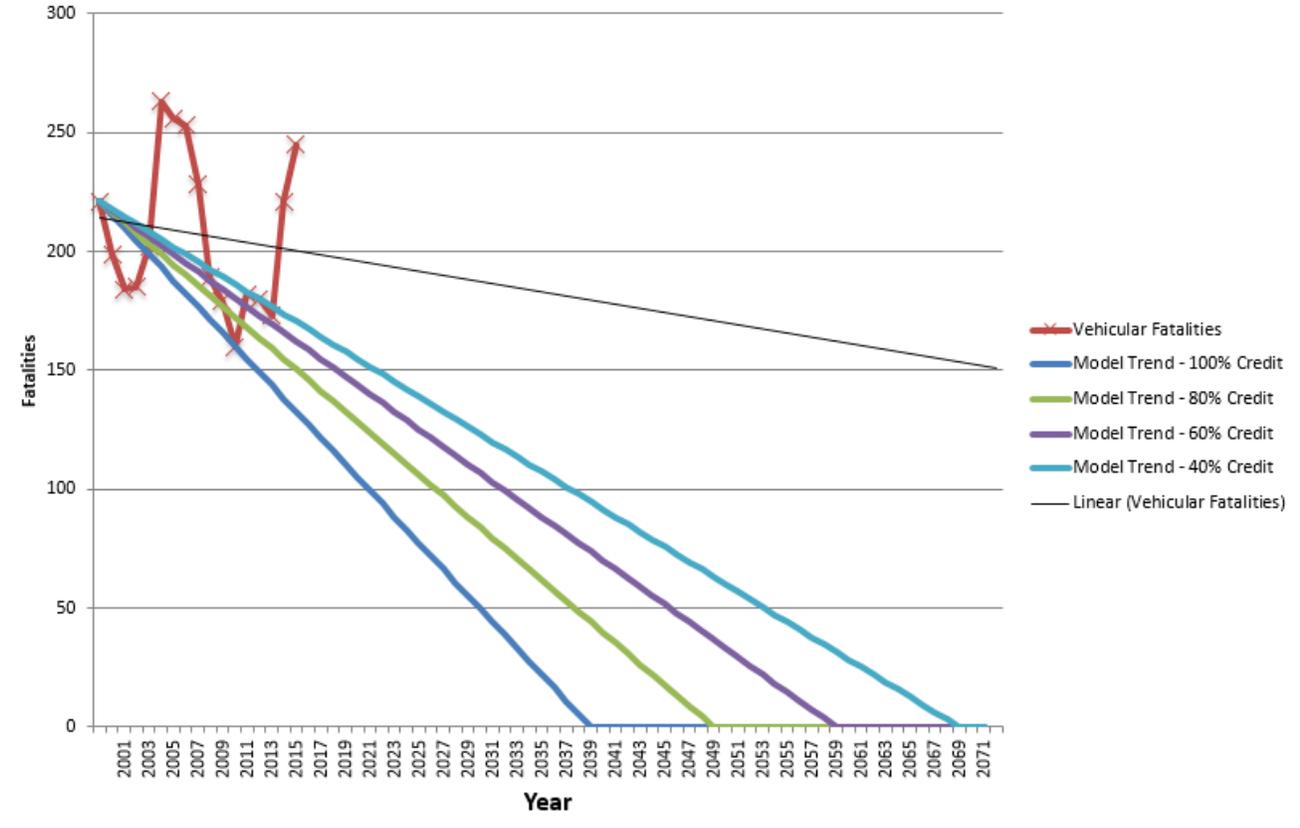   --AND--
Part 2: Demonstrate that vehicular fatalities are making incremental progress towards zero fatalities by 2040

Data Table						
	Part 1				Part 2	
Year	Pedestrian Fatalities	Bicyclist Fatalities	Pedestrian + Bicyclist Fatalities	5 Year Average	Vehicular Fatalities	5 Year Average
2000	41	6	47.0	#N/A	221	#N/A
2001	42	6	48.0	#N/A	199	#N/A
2002	36	4	40.0	#N/A	184	#N/A
2003	43	5	48.0	#N/A	185	#N/A
2004	38	6	44.0	45.4	202	198.2
2005	41	8	49.0	45.8	263	206.6
2006	50	12	62.0	48.6	256	218.0
2007	65	6	71.0	54.8	253	231.8
2008	51	12	63.0	57.8	228	240.4
2009	46	10	56.0	60.2	189	237.8
2010	53	5	58.0	62.0	179	221.0
2011	30	13	43.0	58.2	160	201.8
2012	58	15	73.0	58.6	182	187.6
2013	50	13	63.0	58.6	180	178.0
2014	60	12	72.0	61.8	173	174.8
2015	59	14	73.0	64.8	221	183.2
2016	64	13	77.0	71.6	245	200.2

STAR Communities
Pedestrian & Bicyclist Fatalities: Local Trend

Legend:
- Pedestrian + Bicyclist Fatalities
- Model Trend - 100% Credit
- Model Trend - 80% Credit
- Model Trend - 60% Credit
- Model Trend - 40% Credit
- Linear (Pedestrian + Bicyclist Fatalities)
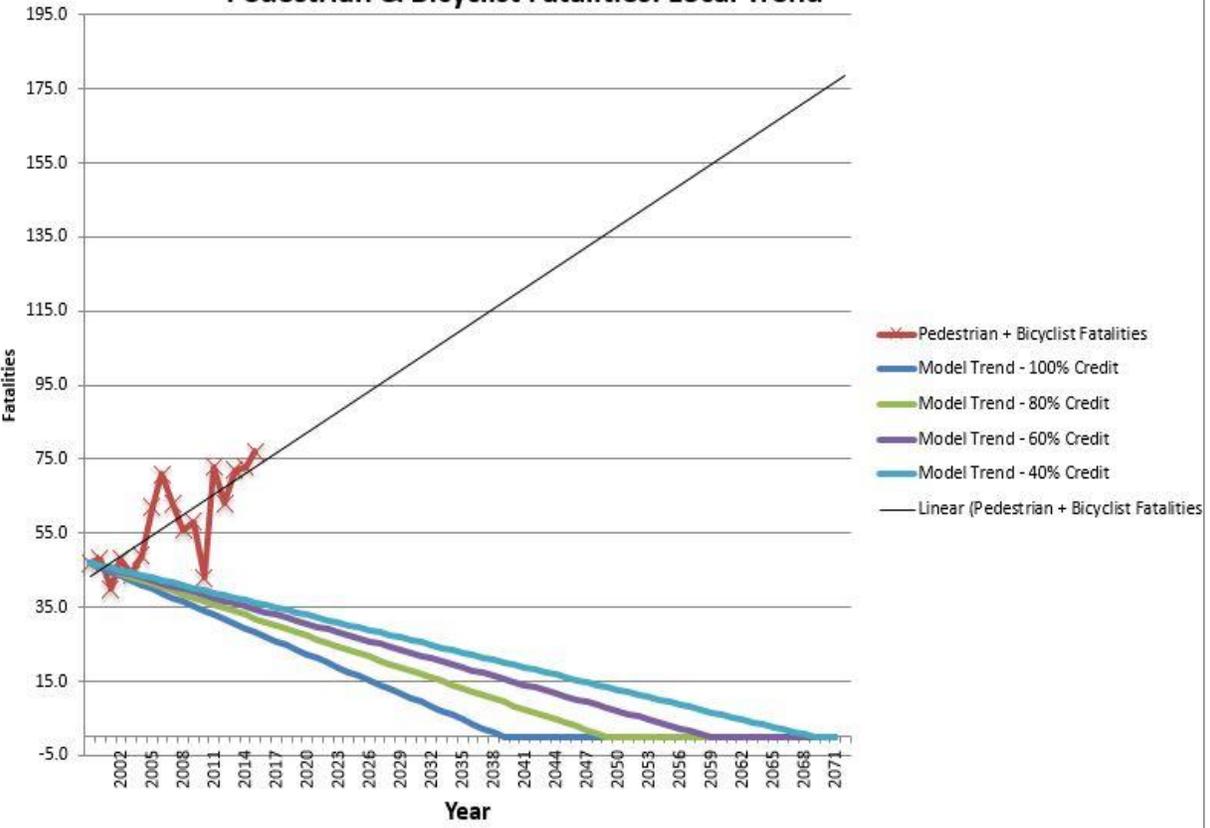
STAR Communities
Vehicular Fatalities: Local Trend

Legend:
- Vehicular Fatalities
- Model Trend - 100% Credit
- Model Trend - 80% Credit
- Model Trend - 60% Credit
- Model Trend - 40% Credit
- Linear (Vehicular Fatalities)

STAR COMMUNITIES
Sustainability Tools for Assessing & Rating Communities

BE 7 Outcome 4

Vehicle Miles Traveled:

Demonstrate an annual decrease in vehicle miles traveled measured from a baseline year

Initial Data	
Select Baseline Year	2000
Most Recent Reporting Year	

Data Table			
Year	VMT	Annual VMT Change	Change Since Baseline
2000		#N/A	#N/A
		#N/A	#N/A
		#N/A	#N/A
		#N/A	#N/A
		#N/A	#N/A
		#N/A	#N/A
		#N/A	#N/A
		#N/A	#N/A
		#N/A	#N/A

Focus on Actions to get to 70% Points

Submitted? (select Yes or No)	Concatenate Code	Description
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ACTIONS

Action   8

Increase the mileage of sidewalks, particularly on arterial or collector roads, that connect people with destinations

Provide a list of investments made within the past 5 years and a brief description of how the intent of this action is met.

Action   9

Increase the mileage of striped or buffered bicycle lanes, cycle-tracks, parallel off-street paths and/or other dedicated facilities

Provide a list of investments made within the past 5 years and a brief description of how the intent of this action is met.

Celebrating Accomplishments:

Broward MPO Bicycle & Pedestrian Safety Action Plan

Complete Streets Policies in Comprehensive Plan

Walkability Standards in Code

Include Multi-modal in Site Plan Review Process

Broward County Employee Reduced Fare Bus Pass Program

South Florida Commuter Services

Alert Today Alive Tomorrow (High Visibility Enforcement for Ped/Bike Safety) + School Zone Targeted Enforcement

BCT investments in shelters & real-time passenger information, commuter express buses

Broward County Transit Bike Sharing Program with AvMed

TOPS (Transportation OPtionS) - ADA

Innovation Points?

STAR COMMUNITIES

SUSTAINABILITY TOOLS FOR ASSESSING & RATING COMMUNITIES

Celebrating Accomplishments

Sustainable

Natural Systems

Major Accomplishments:

- *Natural Resource Protection* = Achieve targets for acres of land conserved in priority natural systems areas identified in a locally-adopted natural systems or land conservation plan.
- *Water in the Environment* = Engage in restoration projects for critical water bodies and buffer zones that protect those water bodies.
- *Invasive Species* = Partner with local volunteer groups or neighborhood associations to restore priority natural systems areas by planting native plants or improving local wildlife habitat.

Opportunity for Future Improvement: *Green Infrastructure* = Demonstrate that 35% of the jurisdiction's land area has protected vegetated surfaces performing the following functions: localized cooling through tree canopy cover, water management through wetlands, stream buffers, and permeable surfaces, or recreation through parks and greenways.

Sustainable

Health & Safety

Major Accomplishments:

- *Community Health & Health System* = Conduct a comprehensive community health assessment, which includes data collection and analysis of public health conditions, trends, and problems affecting the community.
- *Food Access & Nutrition* = Demonstrate an in the food service sales of fresh fruits and school district.
- *Safe Communities* = Develop violence inte strategies to support at-risk families and y escalation of violence.

Opportunity for Future Improvement: *Emerg* Achieve Emergency Management Accredit County through the Emergency Managem (EMAP).

Sustainable

Built Environment

Major Accomplishments:

- *Community Water Systems* = Develop and provide water conservation programs to residents, businesses and agricultural water users in order to help ensure that the community is not depleting its water supply.
- *Transportation Choices* = Adopt a bicycle and/or pedestrian master plan that prioritizes future projects to improve safety and access to non-motorized transportation.
- *Compact & Complete Communities* = Require, incentivize, or subsidize creation of affordable housing in transit-served areas and areas identified for compact, mixed-use development.

Opportunity for Future Improvement: *Light in the Community* = Show progress toward locally identified key light targets for light glare and/or light trespass.

Sustainable

Equity & Empowerment

Major Accomplishments:

- *Poverty Prevention & Alleviation* = Develop public education campaigns to inform residents about how to enroll in available service programs to help meet basic needs.
- *Civic Engagement* = Create a mock youth voting program to teach children about democracy, elections, and the importance of voting.
- *Human Services* = Support the provision of high quality, priority human services in coordination with non-governmental service providers.

Opportunity for Future Improvement: *Environmental Justice* = Create an interdepartmental working committee within the local government to guide and support environmental justice activities.

Sustainable

Education, Arts & Community

Major Accomplishments:

- *Educational Opportunity & Attainment* = Increase the average 4-year adjusted cohort high school graduation rate for all students in all public schools in the jurisdiction from selected underperforming groups of race/ethnicity, disability, English proficiency, or income.
- *Arts & Culture* = Adopt a percent-for-art ordinance requiring public art to be installed as part of new major public development projects.
- *Social & Cultural Diversity* = Promote events and that recognize and celebrate social and cultural diversity in the

Opportunity for Future Improvement: *Historic Pres* Certified Local Government status, as recognized Service.

Sustainable

Climate & Energy

Major Accomplishments:

- *Climate Adaptation* = Improve facilities throughout the community to be better prepared for climate change.
- *Greenhouse Gas Emissions Reductions* = Demonstrate incremental progress towards achieving an 80% reduction by 2050 in community-wide greenhouse gas (GHG) emissions.
- *Waste Minimization* = Demonstrate incremental progress towards achieving a 100% reduction by 2050 in total solid waste generated.

Opportunity for Future Improvement: *Greening the Energy Supply* = Demonstrate that the community receives a portion of its overall energy supply from renewable energy sources.

Sustainable

Economy & Jobs

Major Accomplishments:

- *Business Retention & Development* = Engage in regional coordination with other governmental, public, private, and non-governmental entities to attract and retain businesses in the region.
- *Green Market Development* = Create an environmentally preferable purchasing program for local government procurement of safe, healthy, and environmentally responsible products.
- *Workforce Readiness* = Demonstrate increased post-secondary educational attainment in the community over time.

Opportunity for Future Improvement: *Quality Jobs & Living Wages* = Support living wage campaigns in the community and enforce the living wage policy with a living wage officer or equivalent function.

Q & A

Jill Horwitz

Broward County

jhorwitz@broward.org
(954) 519-1287

FLIPANY

Presented by:

Erin Celia

Program Outreach Associate

FLIPANY®
The Ingredient to a Healthy Life

Our mission is to educate and empower youth and adults through nutrition and physical activity programs while influencing policy changes for healthier communities.

FLIPANY: Addressing the Problem:

- **FLIPANY** has been serving Palm Beach, Broward and Miami-Dade counties since **2006**.
- FLIPANY serves youth and families including seniors through collaborations with community centers, parks, and other social services agencies.
- Our innovative programs fight childhood obesity and hunger through focusing on healthy food preparation, food security, food access, community education, physical education and worksite wellness.

FLIPANY
The Ingredient to a Healthy Life

FLIPANY: Addressing the Problem:

POVERTY

43.1 People in the United States live in poverty.

19.7% are under the age of 18 years old

OBESITY

28.6 % of Florida adults are obese

13.4% of Florida children ages 10 to 15 are obese

12.7 % of Florida children ages 2 to 4 are obese

HUNGER

16 million children in the US struggle with hunger.

1.1 million children in Florida struggle with hunger.

1 in 4 kids struggle with hunger in Florida.

BIKE PROBLEMS

"I'll get hit on my bike!"

Access to safe places to ride.

Lack of confidence using bike for transportation.

No formal bike safety education in schools.

FLIPANY®
The Ingredient to a Healthy Life

What is EARN-A-BIKE?

Earn-A-Bike is a hands-on *learning and earning* program for youth ages 10-17.

Learning: Over 8 sessions participants learn basic bike repair, maintenance, and safety.

Earning: Graduates receive a bicycle, helmet, and lock and the completion of the course.

EARN – A – BIKE Objectives

- Job Skills: Youth gain hands-on experience in repairing and properly maintaining a bicycle.

- Community Safety: Increase students' knowledge of bike safety and basic laws of riding/driving.

- Life Skills: Youth participate in team building and leadership activities related to biking.

FLIPANY®
The Ingredient to a Healthy Life

EAB Program Benefits:

MOBILITY

Teaches independence and freedom, provides transportation, promotes physical activity and a healthy lifestyle.

LIFE SKILLS

Teaches leadership, problem solving and, critical thinking skills.

BIKE SAFETY

Teaches proper helmet fitting and bike safety, importance of maintaining each component of their bikes, skills easily transferred to other life situations.

FLIPANY
The Ingredient to a Healthy Life

Equity vs. Equality Education

"**Equity** and **equality** are two strategies we can use in an effort to produce fairness. With EAB we try to create both by making sure all kids have access to the appropriate bike.

Equality is treating everyone the same. Equality can only work if everyone starts from the same place & needs the same help.

Equity is giving everyone what they need to be successful.

Programs Needs:

- Available Funding Sources
- Bikes
- Instructors
- Kids to Teach!!

FLIPANY®
The Ingredient to a Healthy Life

Any Questions?

FLIPANY

The Ingredient to a Healthy Life

www.FLIPANY.org

FDOT D5 Robinson Street Cycle Track Project

Presented by:

Nathalie Rodriguez and Fabian De La Espriella
Kittelson & Associates

BrowardMPO.org

Complete Streets Fundamentals Robinson Street Project

Broward MPO Complete Streets

Advisory Committee (CSAC) Meeting

November 5, 2018

Bone **Structure**

We can tell a lot from its bones . . .

Streets as a **Community's Framework**
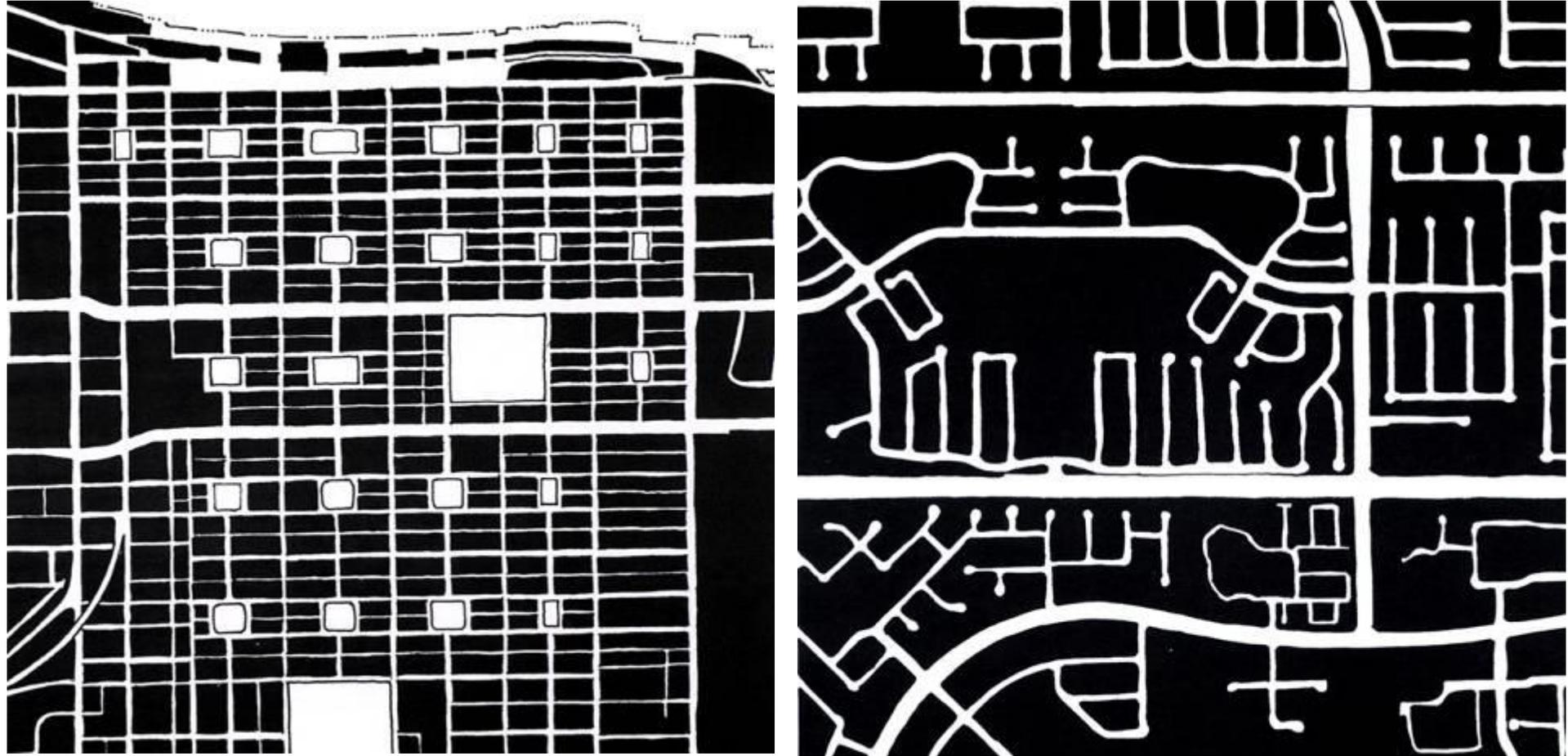
In the same manner, we can tell what kind of character these places have from their bones.

Streets as a **Community's Framework**

Savannah, GA

Irvine, CA

WHY DO CITIES EXIST?

Cities exist to maximize access and
increase 'planned' and 'unplanned' exchanges.

The Character of Transportation Infrastructure Investments Influence the Quality of the Built Environment

The Character of Transportation Infrastructure Investments Influence the Quality of the Built Environment

The Type of Infrastructure **We Invest In**

Influences our **Mobility Choices**

Photo Credit:
http://commuteorlando.com/wordpress/2010/06/30/promote-a-
healthy-community-or-pander-to-the-sentiments-which-destroy-

How We **Access Our Cities**

And Quality of **Life and Livability**

Because Transportation Investments **Change** Land Use Patterns

WHY?

Because Transportation Investments **Change** Land Use Patterns

WHY?

The **Travel Options:** VERY Limited
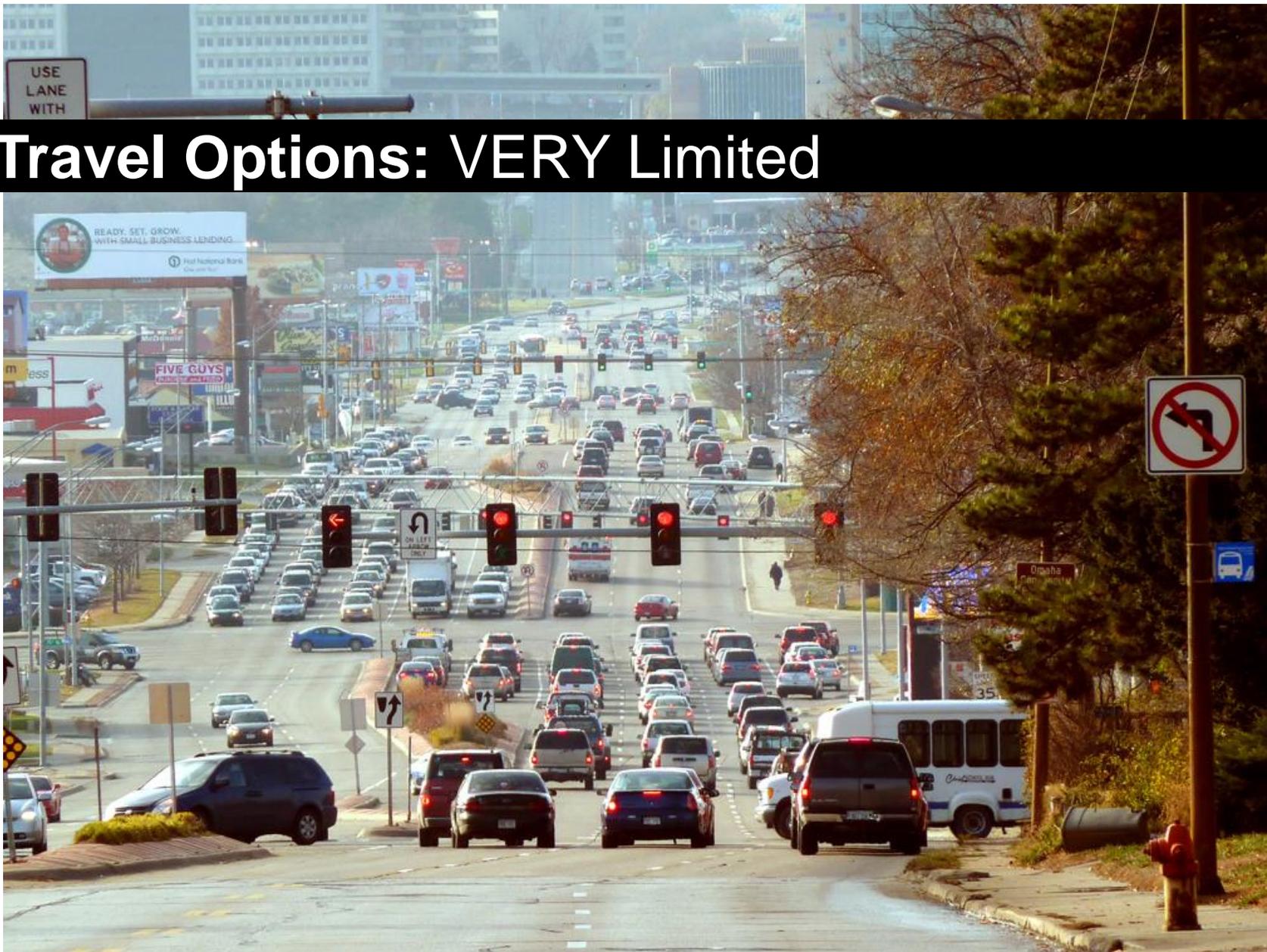
Accepting OUR Reality
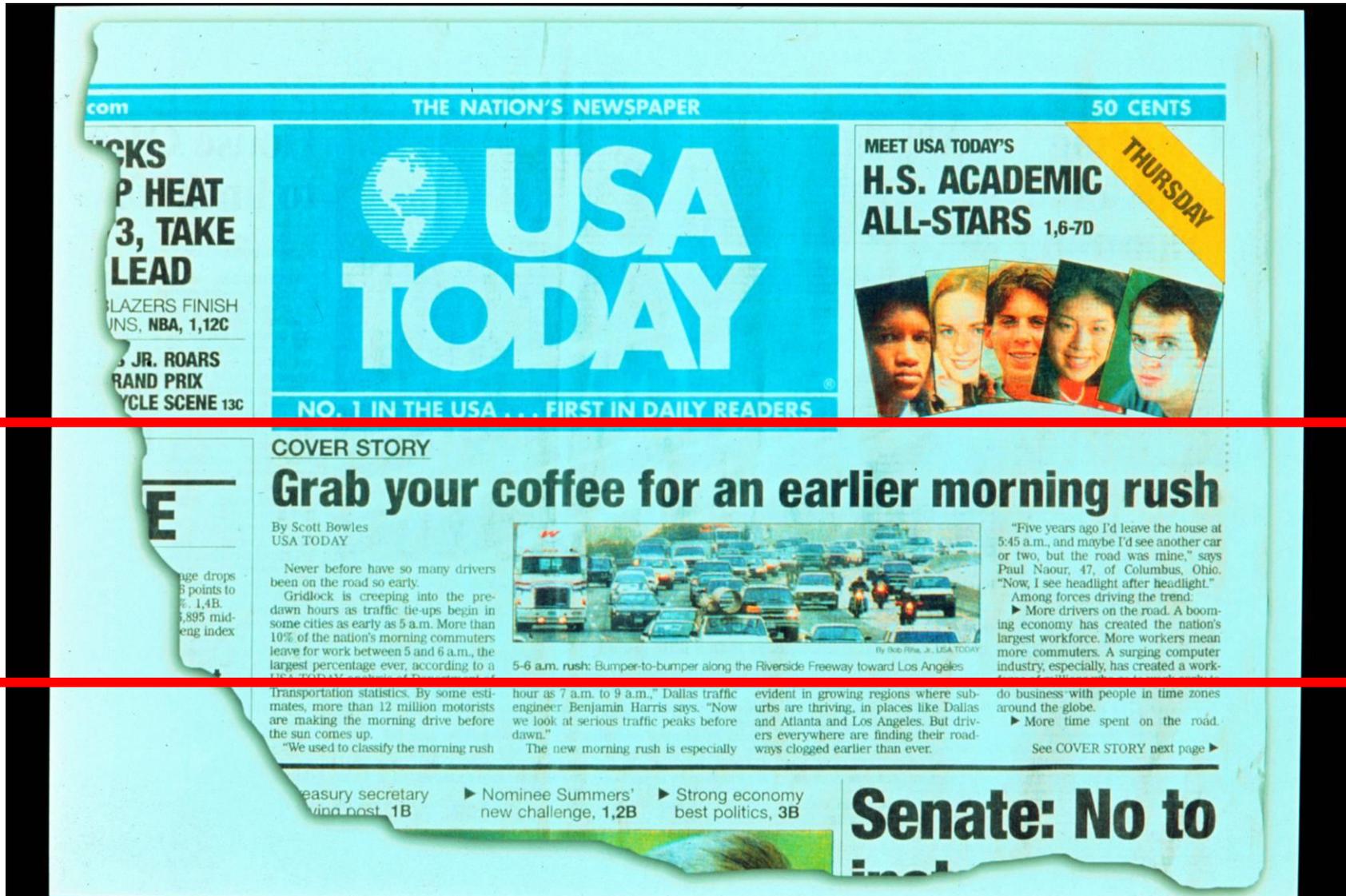
Increased **Safety Concerns**

2016 rank	Metro area	Pedestrian deaths (2005-2014)	Annual pedestrian fatalities per 100,000	2016 Pedestrian Danger Index
1	Cape Coral-Fort Myers, FL	165	2.55	283.1
2	Palm Bay-Melbourne-Titusville, FL	142	2.59	235.2
3	Orlando-Kissimmee-Sanford, FL	575	2.58	234.7
4	Jacksonville, FL	379	2.74	228.7
5	Deltona-Daytona Beach-Ormond Beach, FL	191	3.19	228.2
6	Lakeland-Winter Haven, FL	161	2.61	200.6
7	Tampa-St. Petersburg-Clearwater, FL	821	2.88	192.0
8	Jackson, MS	109	1.90	189.6
9	Memphis, TN-MS-AR	246	1.84	153.3
10	North Port-Sarasota-Bradenton, FL	150	2.08	148.2
11	Miami-Fort Lauderdale-West Palm Beach, FL	1,508	2.61	145.1
12	Bakersfield, CA	205	2.39	132.8
13	Birmingham-Hoover, AL	150	1.32	132.1
14	Little Rock-North Little Rock-Conway, AR	110	1.53	127.9
15	Houston-The Woodlands-Sugar Land, TX	1,026	1.65	127.2
16	Phoenix-Mesa-Scottsdale, AZ	814	1.88	125.1
17	Detroit-Warren-Dearborn, MI	693	1.61	124.2
18	Riverside-San Bernardino-Ontario, CA	858	1.97	123.4
19	Baton Rouge, LA	167	2.05	120.6
20	McAllen-Edinburg-Mission, TX	115	1.43	118.8

6,827

In 2016 - Pedestrian/bicyclist deaths in the U.S.

115,000

2014 Pedestrian/bicyclist injuries in the U.S.

"The deadliest places for walkers are in car-dependent communities with little pedestrian infrastructure and extra wide streets."

***9 of the top 11 deadliest Metro areas are in FLORIDA***

Source:
U.S. Department of Transportation National Highway Traffic Safety Administration / Transportation for America, Dangerous by Design Report.
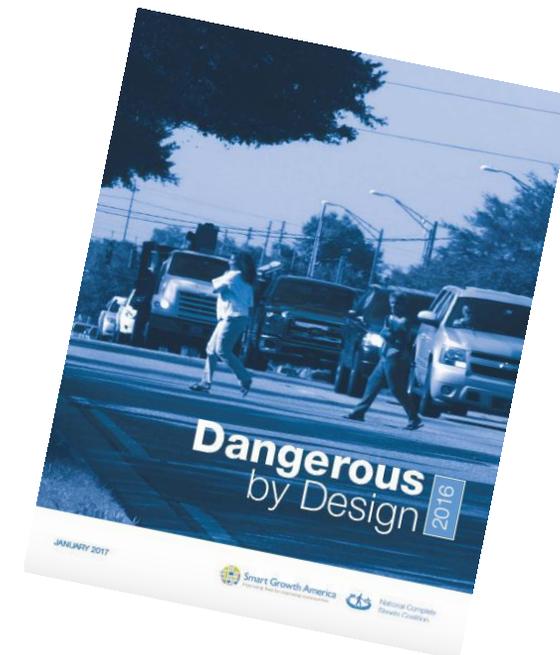
Increased **Safety Concerns**

In 2016, **16 pedestrians** were struck and killed by a car **every day** in the U.S. Walkers in this country are now more likely to be killed walking than in a natural disaster. This is nothing less than a public health epidemic—and it's getting worse.


WE HAVE HAD ABOUT 30,000 **ACCIDENTS** IN THE COUNTY EVERY YEAR FOR THE PAST FIVE YEARS
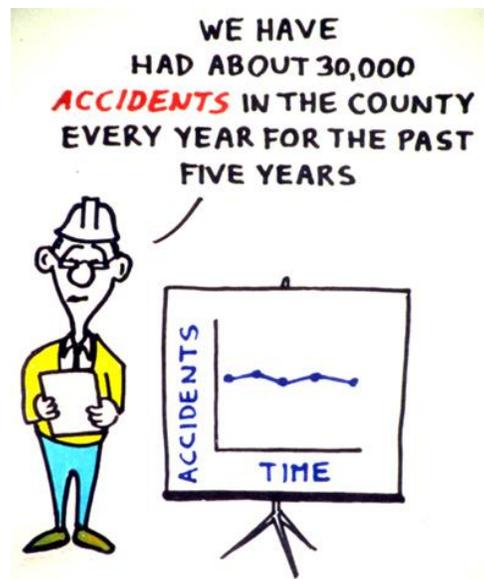
Our streets are killing us
Traffic deaths will continue to increase unless cities prioritize humans over cars.
By Alissa Walker | @awalkerinLA | Sep 1, 2016, 1:00pm EDT

A "scramble" crosswalk in Hollywood has seen only a single crash since it was installed in November, compared to 13 the previous year | LADOT

In 2015, a staggering 35,092 people were killed on U.S. streets—a 7.2% increase from 2014. According to a report out this week, this year is on track to be even deadlier: Based on preliminary data, the National Safety Council predicts the number of traffic deaths has already increased an additional 9% percent in the first six months of 2016.

Sadly, cities are seeing evidence of this trend first-hand on their sidewalks and crosswalks. In New York City, 16 cyclists have already been killed this year, more than the number of cyclists killed in all of 2015.
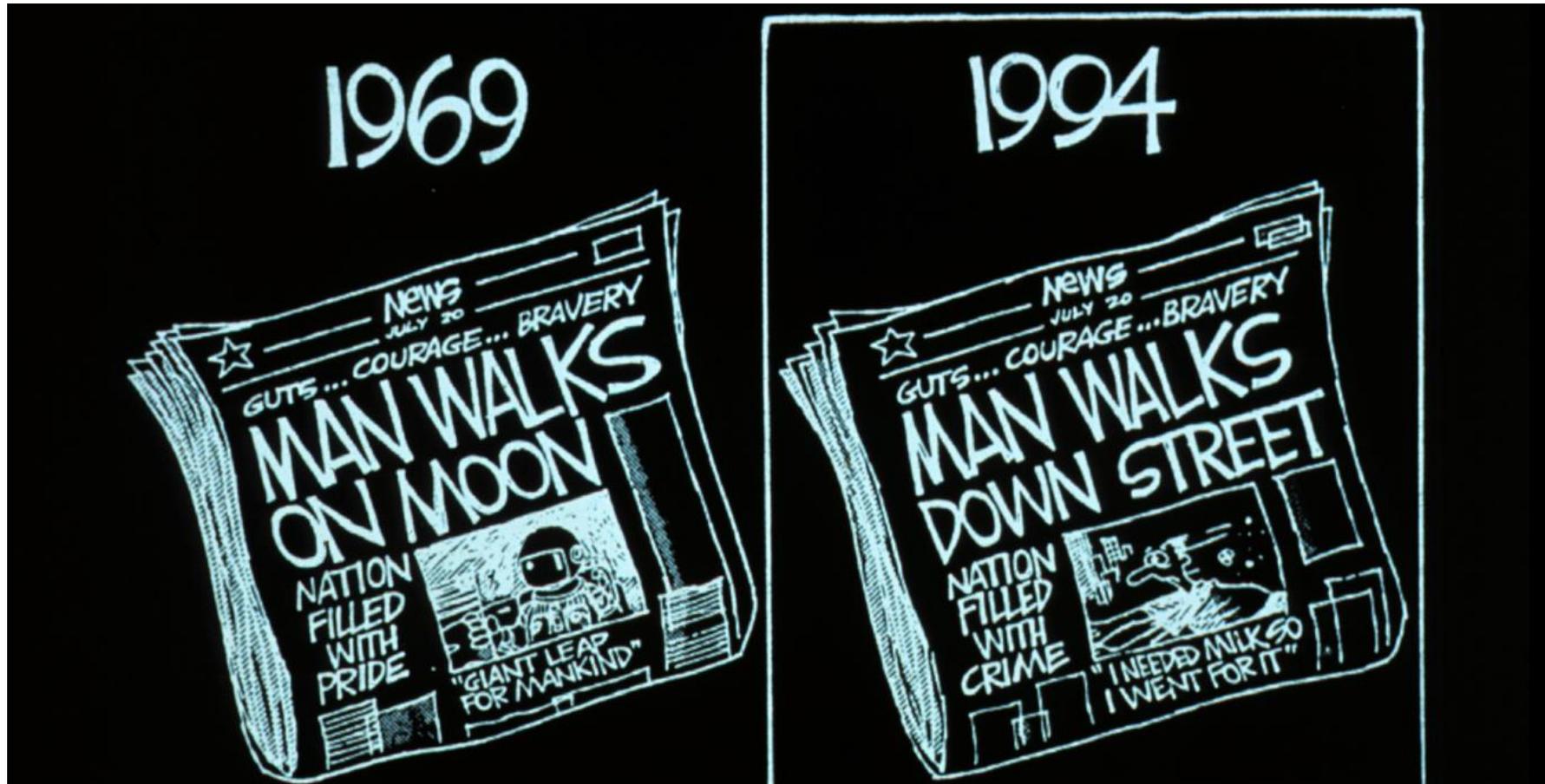
. . . We've gotten very far, but we're still figuring out the best way to safely cross the street. . .

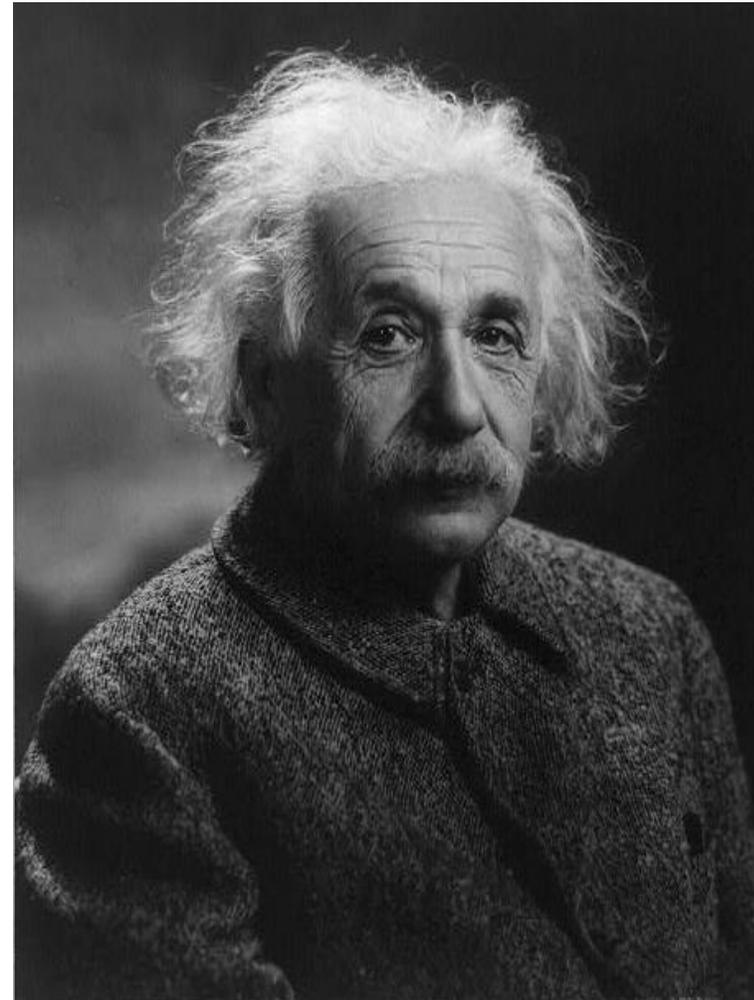"The problems we have created cannot be solved with the same thinking that created them…."

Image Source: Library of Congress, Prints & Photographs Division. Original copyright expired.

Our **new** challenge

Even if we did have the money, we can no longer afford the conventional approach transportation.
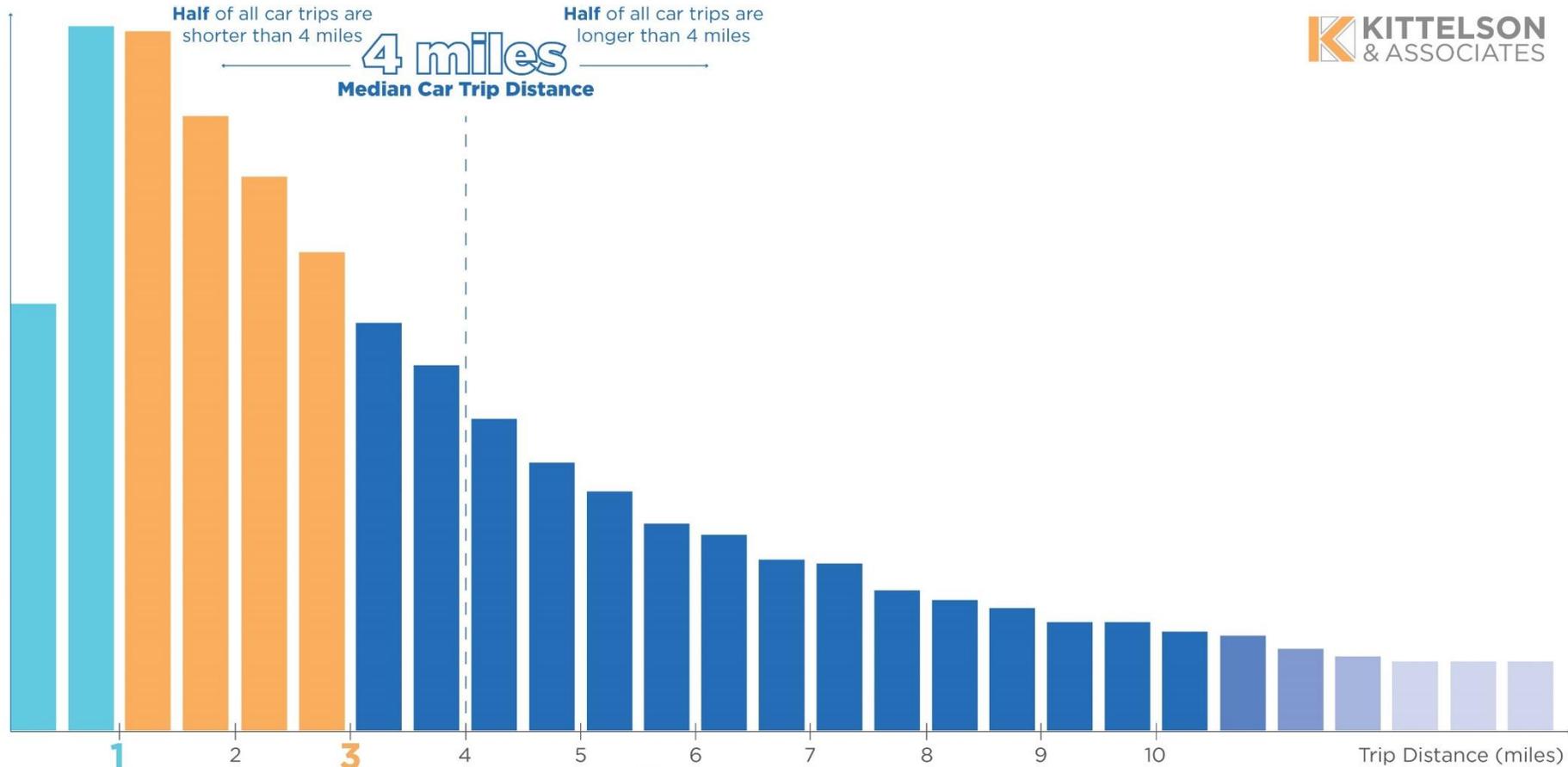
VISION

// REAL CHANGE IS HARD//

Focus on **Expanding Mobility**

% of Car Trips

Half of all car trips are shorter than 4 miles

Half of all car trips are longer than 4 miles

4 miles
Median Car Trip Distance

KITTELSON & ASSOCIATES

Trip Distance (miles)

13% CAR TRIPS WITHIN **20** MINUTE WALK

41% CAR TRIPS WITHIN **20** MINUTE EASY BIKE RIDE

Source: National Household Travel Survey (2017), downloaded from http://nhts.ornl.gov/ on March 23,2018.
Nationwide trips on private vehicles (car, SUV, van, and pickup truck). No consideration of trip chaining effects. Trip length binned at half-mile intervals. Histogram frequencies weighted by the sample weights. Walk speed assumed to be approximately 3.1 mph. Easy bike ride speed assumed to be approximately 9.0 mph.

Robinson Street Corridor Planning Study | An FDOT Project

TRANSPORTATION

Place to comfortably and safely walk, bicycle, take transit, or drive on

+

LAND USE

Places to conveniently walk to, bicycle to, reach by transit, or drive to

Robinson Street Corrido

Complete Streets are streets designed and operated to enable safe access for **ALL USERS**.

CAPACITY OF STREETS

Litmus Test # 1
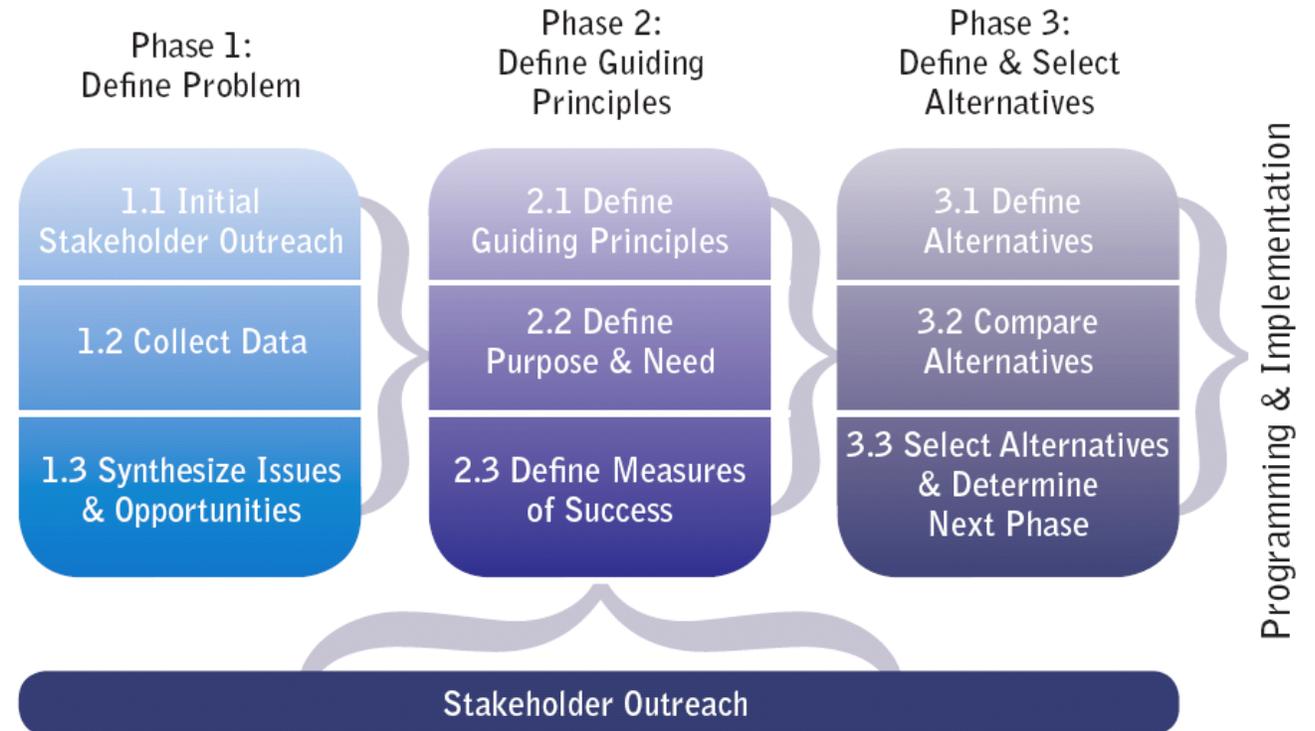
Reward the
"short & sustainable trips"
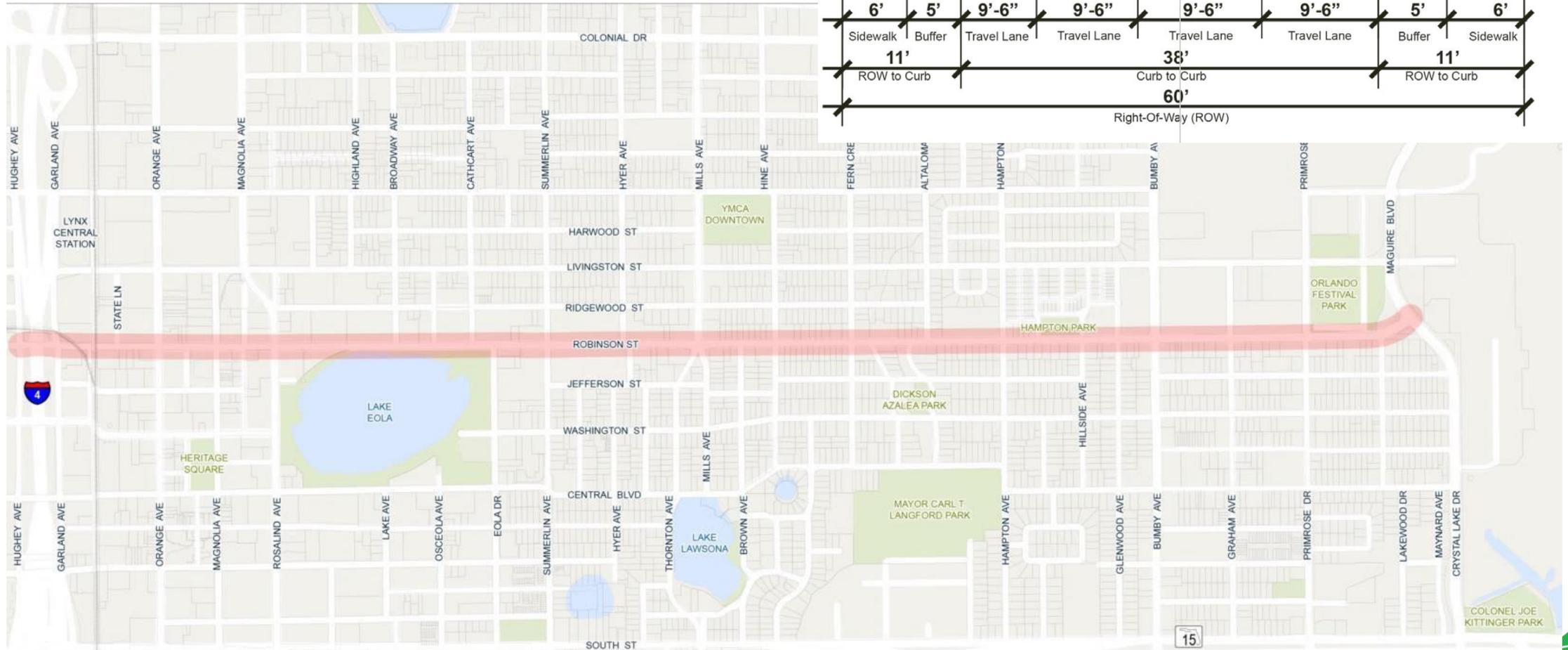
vs

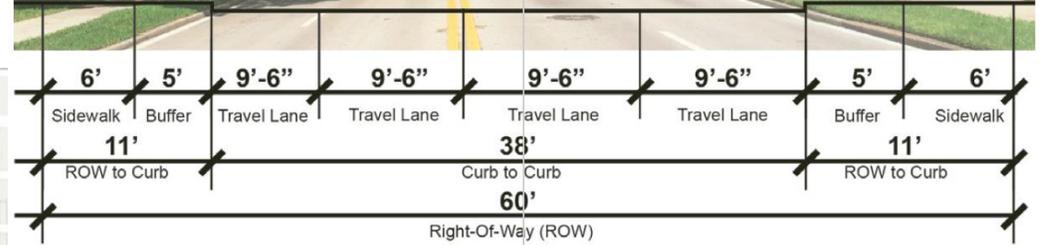Reward the
"long & unsustainable trips"

Robinson Street Corridor Plan

Litmus Test # 2

Does the project, policy, or initiative advances the goal for sustainable mobility?

Robinson Street Corridor Plan

Focus on Planning

Study Corridor
(Hughey Ave. to Maguire Blvd.)

6'	5'	9'-6"	9'-6"	9'-6"	9'-6"	5'	6'
Sidewalk	Buffer	Travel Lane	Travel Lane	Travel Lane	Travel Lane	Buffer	Sidewalk

11'	38'	11'
ROW to Curb	Curb to Curb	ROW to Curb

60'
Right-Of-Way (ROW)

Evolving 24-Hour Downtown

149,300 Jobs

43,400 Population

43% Millennials

6,000 New residential units Since 2000

Source: US Census Bureau, DDB

Robinson Street Character Districts

Robinson Street Corridor Planning Study | An FDOT Project
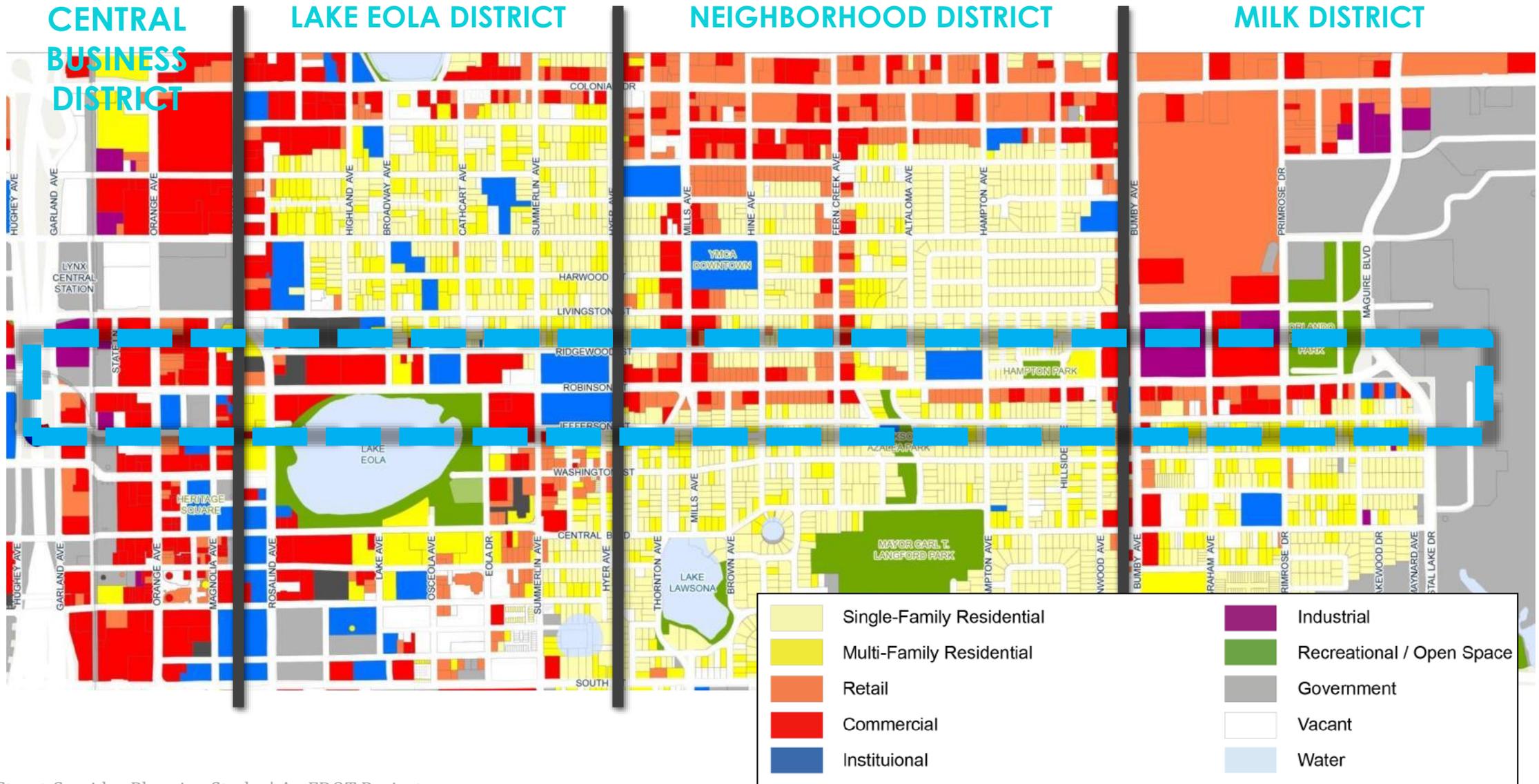
Project Visioning Team (PVT) Preferred Alternatives

Central Business District

Lake Eola District

Neighborhood District

Milk District

3 LANES

3 LANES

3 OR 4 LANES

3 LANES

Additional Alternative to be advanced (contingent on Washington St. bike facility)

Potential Ultimate Alternative

Potential First Phase Alternative

Additional Alternative to be advanced (to support Milk District business needs)

Design Standards and References

- FDOT Design Manual
- FHWA Separated Bike Lane Planning and Design Guide
- City of Orlando Engineering Standards Manual
- NACTO Urban Bikeway Design Guide
- NACTO Urban Streets Design Guide
- LYNX Mobility Design Manual

Alternatives Advanced to Concept

Central Business District — 3 LANES

Lake Eola District — 3 LANES

Neighborhood District — 3 OR 4 LANES

Milk District — 3 LANES

Potential Ultimate Alternative

Potential First Phase Alternative

Additional Alternative to be advanced (contingent on Washington St. bike facility)

Additional Alternative to be advanced (to support Milk District business needs)

Robinson Street Corridor Planning Study | An FDOT Project

Current Concepts

Central Business District	Lake Eola District	Neighborhood District	Milk District
3 LANES	**3 LANES**	**3 OR 4 LANES**	**3 LANES**

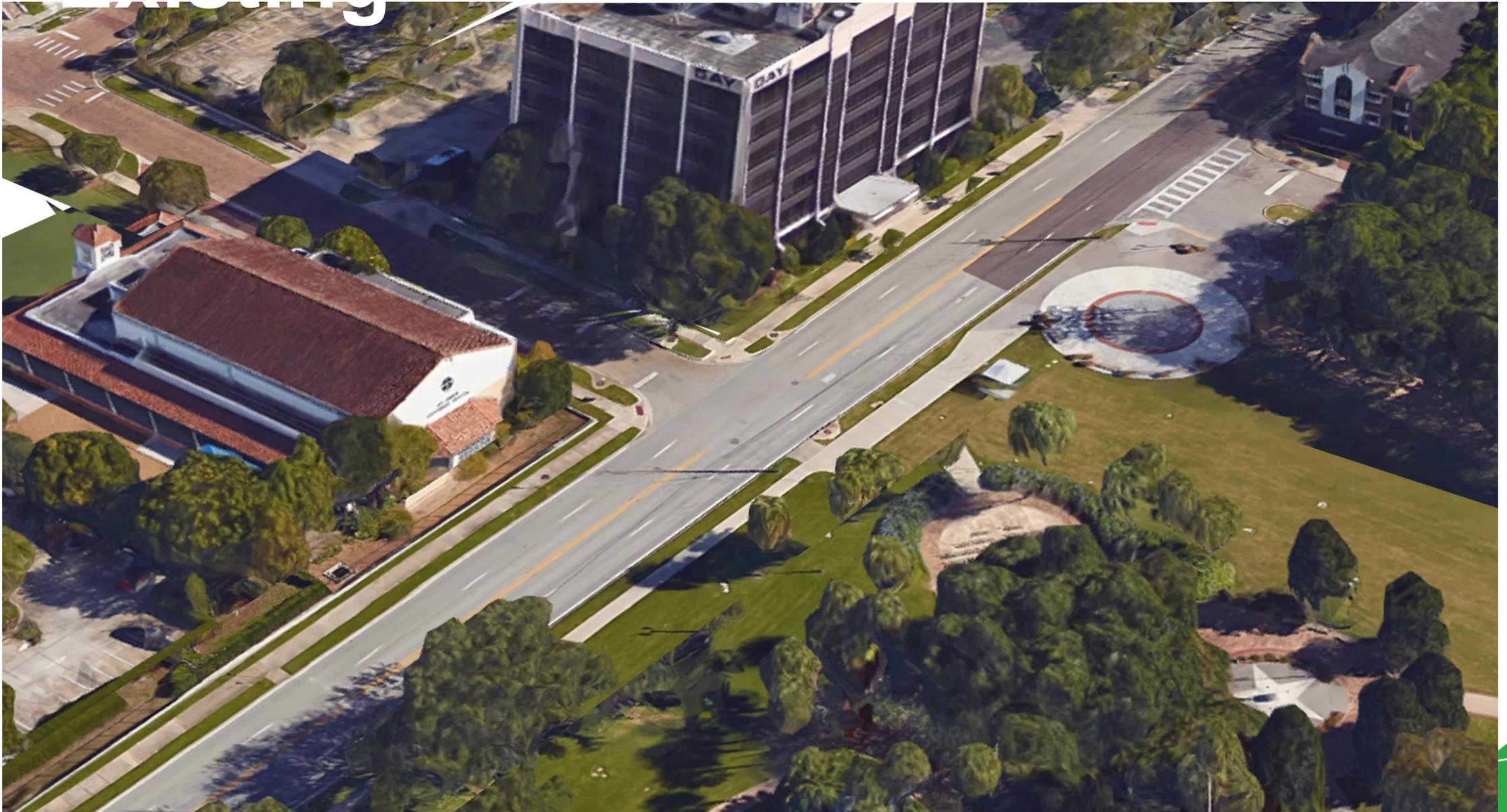*Potential Ultimate Alternative*

Potential First Phase Alternative

Proposed

*Landscaping is for illustrative purposes only. The landscaping shown does not represent a com

Thoughts or Comments?

**For more information
www.cflroads.com**

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MEMBER UPDATES

THANK YOU!

- Any Final Questions?

- Next CSAC Meeting – January 14, 2019

- Don't Forget to Visit the Complete Streets webpage at: www.browardmpo.org/projects-studies/complete-streets

- If you have any questions or comments, please contact Ricardo Gutierrez at 954.876.0044

Broward MPO
Metropolitan Planning Organization

BROWARD
COMPLETE STREETS
Safer, Healthier Streets for ALL Users

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