



Planning for Complete Streets in Florida

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- We work to save special places and build better communities.
- We educate, advocate and negotiate to protect Florida's high quality of life.
- Our bipartisan board of directors includes advocates and experts from across the state.
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- **1 CEC for Certified Floodplain Managers**
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Upcoming DeGrove Webinars:

- **Wednesday, December 10, Noon to 1:30**
Planning for Greenways: Florida's Expanding System of Regional Connectors
- **January 14, 2015, Noon to 1:30 p.m.**
Planning for Sea Level Rise: Legal Issues Facing Florida
- **February 11, 2015, Noon to 1:30 p.m.**
Victor Dover on Street Design: The Secret to Great Cities and Towns
- **March 11, 2015, Noon to 1:30 p.m.**
2015 Florida Legislative Update



The PowerPoint is available at www.1000friendsofflorida.org



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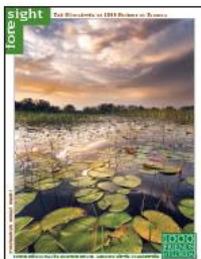
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Current Foresight

Our Vision for Florida's Future...

Picture a Florida with vibrant cities and towns, thriving and livable neighborhoods, and an outstanding quality of life. Imagine communities where kids can ride their bikes to school or the park, and parents can walk to the store or take a bus to work if they wish. [Read More >](#)

1000 Friends Honors Lee Constantine

Constantine honored for his "leadership on critical conservation and water resource protection in Florida."

[Read More >](#)



Register Now for Fall Webinars



What's New

Planning for Sea Level Rise in Broward County Webinar on October 8

The PowerPoint is now available

[Read More >](#)

Scale Back Minto West

Massive development planned for western Palm Beach County

[Read More >](#)

Survey on Climate Change/Sea Level Rise

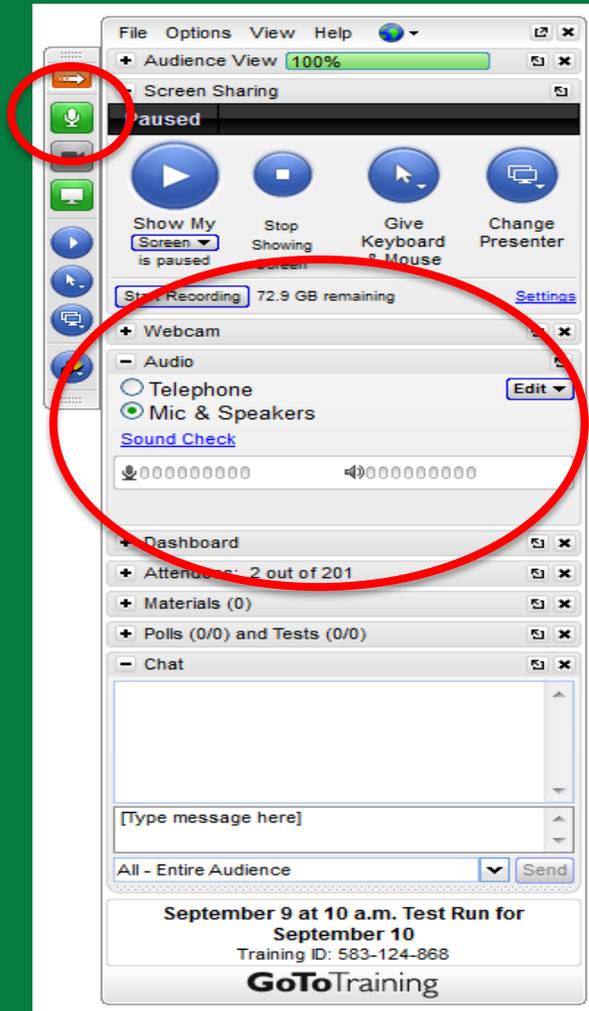
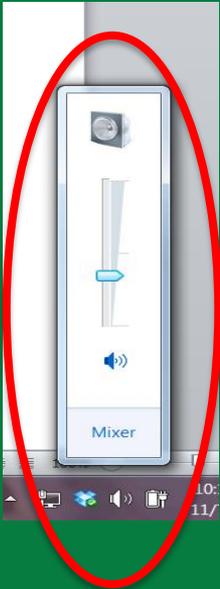
Take a few minutes to share what your community is doing

[Read More >](#)

Please Vote Yes on

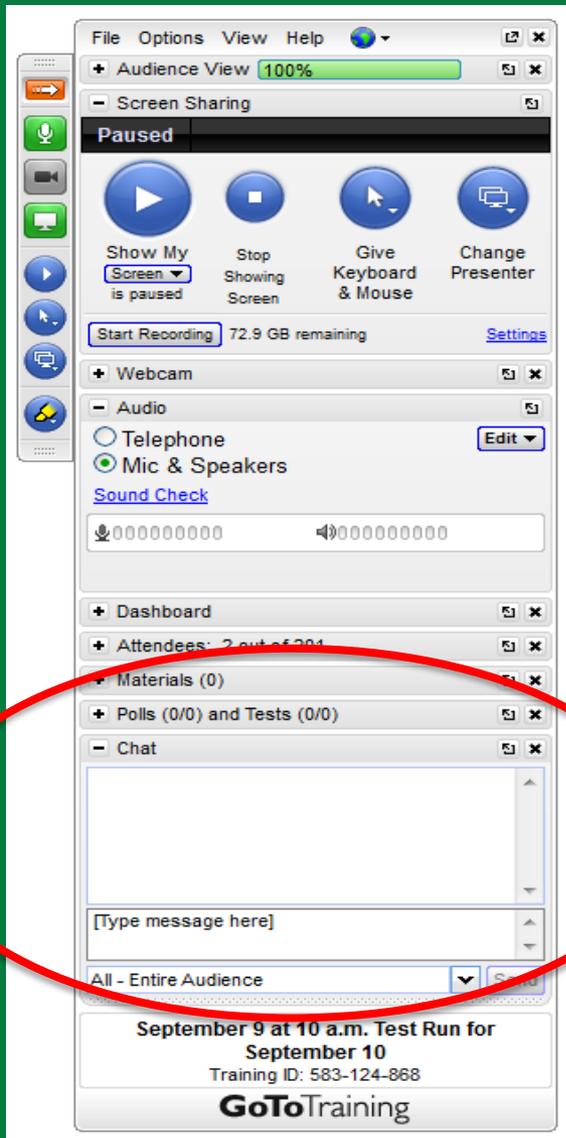


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- Please keep your questions succinct!
- Staff will ask the presenters questions, as time permits
- Please complete the survey in the post-webinar email

Presenters



Billy Hattaway, Florida Department of Transportation



- Secretary for District One of the FDOT
- Over 35 years of transportation and program management experience
- Champion for Secretary Ananth Prasad's Pedestrian and Bicycle Focused Initiative
- Chair of Bike/Walk Central Florida
- Author of the new Traditional Neighborhood Development Chapter and Handbook for the Florida Green Book



Amanda Martinez, City of Deerfield Beach



- Director of Planning and Development Services
- B.A. in Sociology from UCF and Masters in Urban and Regional Planning from FAU
- Instrumental in development , adoption and implementation of City's Complete Street Guidelines
- Member of the American Planning Association and Smart Growth America's Local Leader Council



Darla Letourneau, BikeWalkLee



- Spent her 30-year career as a federal official in Washington
- Served as Deputy Assistant Secretary, US Department of Labor for 7 years
- Has MPA and MBA
- A resident of Sanibel since 2001
- Founding member of BikeWalkLee and serves on steering group
- Has worked with MPO on a number of Complete Streets projects and is recipient of awards for her work



Laura Cantwell, AARP Florida



- Associate State Director of Advocacy for AARP Florida
- Began with AARP in 2005 as Advocacy Intern
- Previously worked at the Pepper Institute on Aging and Public Policy at FSU, specializing in aging research.
- BS in Sociology with minor in Gerontology from Lander University.
- MS in Aging Studies from Florida State University





*Billy Hattaway, District One Secretary
Florida Department of Transportation*





Florida Department of
TRANSPORTATION

FDOT Bicycle/Pedestrian Focused Initiative & Complete Streets



Billy L. Hattaway, PE
District One Secretary



Secretary's Pedestrian Safety Initiative

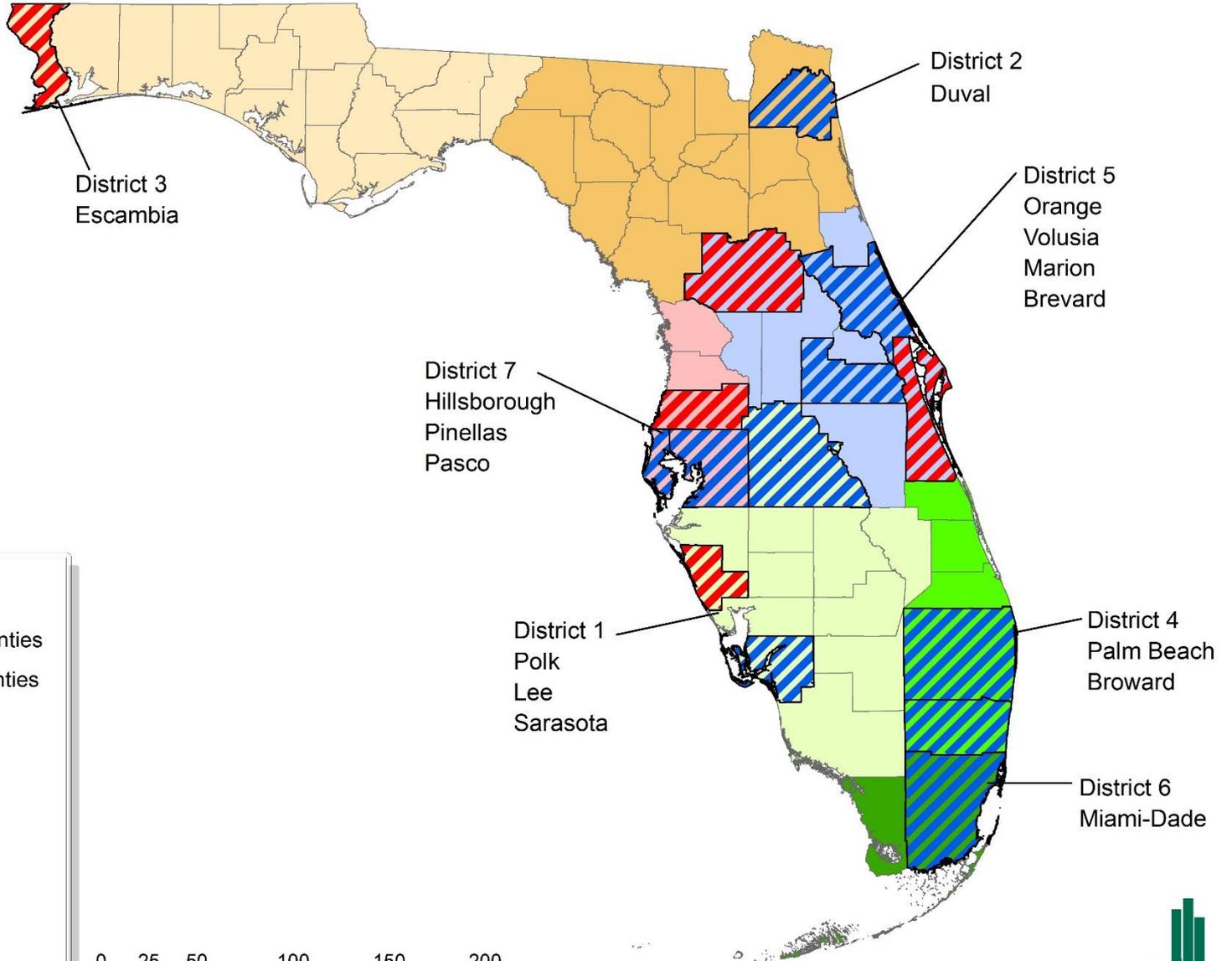


- Dangerous by Design (2011, 2014)
- Orlando, Tampa, Jacksonville, Miami-Ft. Lauderdale
- Secretary Ananth Prasad... “Being #1 in pedestrian fatalities and serious injuries is NOT where Florida wants to be.”



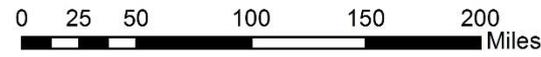


2015 Pedestrian and Bicycle Focused Initiative Top 15 High Priority Counties



Legend

- Top 10 Counties
- New 5 Counties
- D1
- D2
- D3
- D4
- D5
- D6
- D7

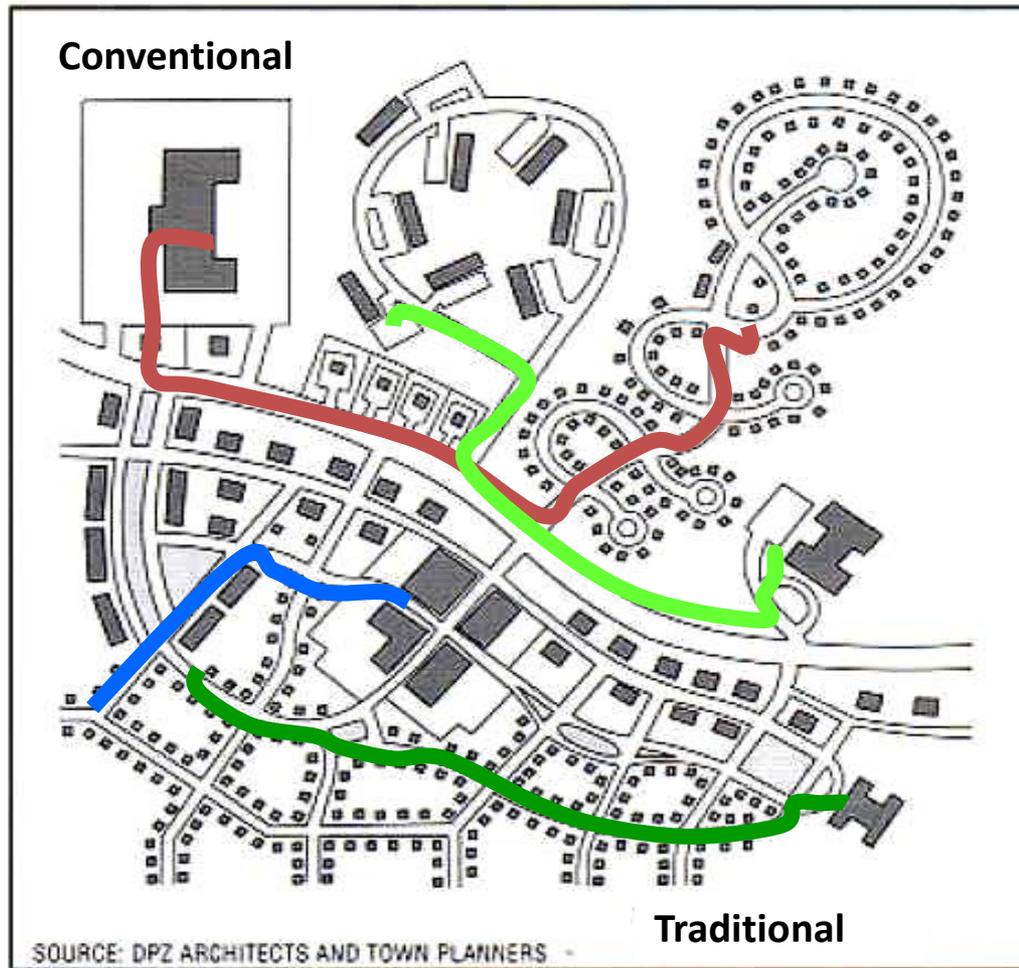


How We Got Here



Fowler Ave, Tampa

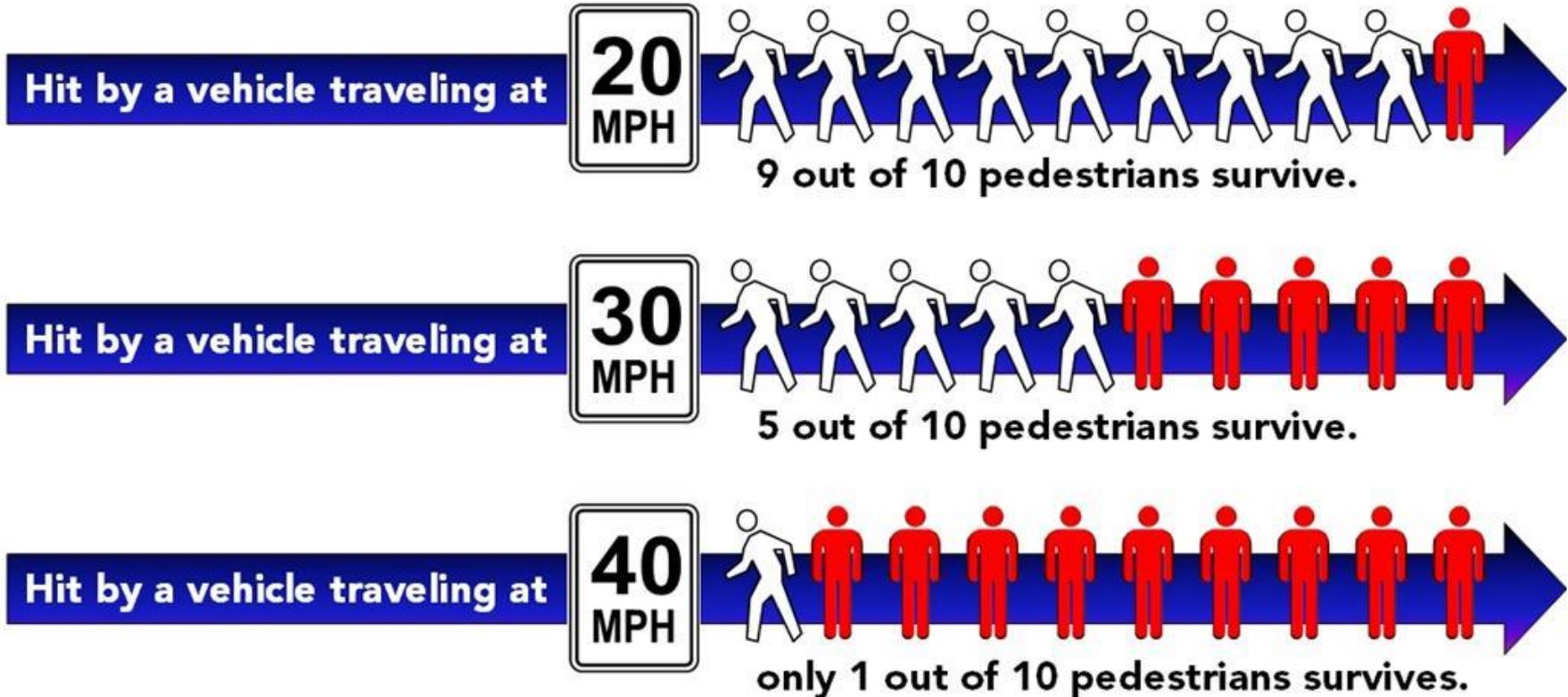
Land Development Patterns



Land Development Regulations



Speed and Pedestrian Fatalities



Statewide Initiatives



- Complete overhaul of our Bike/Ped Program
 - Bike/Ped Coordinators & Safety Program Managers
- Bike/Pedestrian Policy Team
- Bike/Pedestrian Coalition
- Alert Today/Alive Tomorrow



**WHETHER YOU'RE DRIVING OR WALKING—
PAY ATTENTION. READ THE SIGNS.
LEARN THE RULES.**

**ALWAYS USE THE CROSSWALK.
STOP BEFORE TURNING RIGHT ON RED.
LOOK BEFORE CROSSING.
YIELD TO PEDESTRIANS.**

Funded by the Florida Department of Transportation

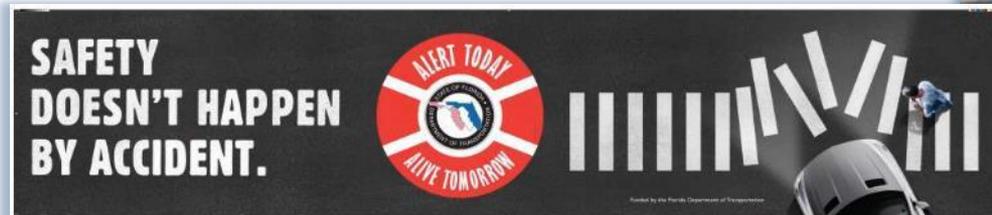
Driving the Culture Change

- Complete Streets Policy & Implementation
- Context Based Bicycle/Pedestrian Facilities
- Promotion of Modern Roundabouts
- Guidance for Road Diets on State System

Supporting the Culture Change



- Training
 - Developing a Pedestrian Safety Action Plan
 - Conducting Road Safety Audits
 - Designing for Pedestrian Safety
 - Roundabout Design



FHWA Proven Countermeasures



Roundabouts



Corridor Access Management



Backplates with Retroreflective Borders



Longitudinal Rumble Strips and Stripes on Two-Lane Roads



Enhanced Delineation and Friction for Horizontal Curves



Safety EdgesSM



Medians and Pedestrian Crossing Islands in Urban and Suburban Areas



Pedestrian Hybrid Beacon



Road Diet

Modern Roundabouts/Road Diets



College St., Asheville, NC

Mid-Block Crossings



California

Rectangular Rapid Flashing Beacon (RRFB)



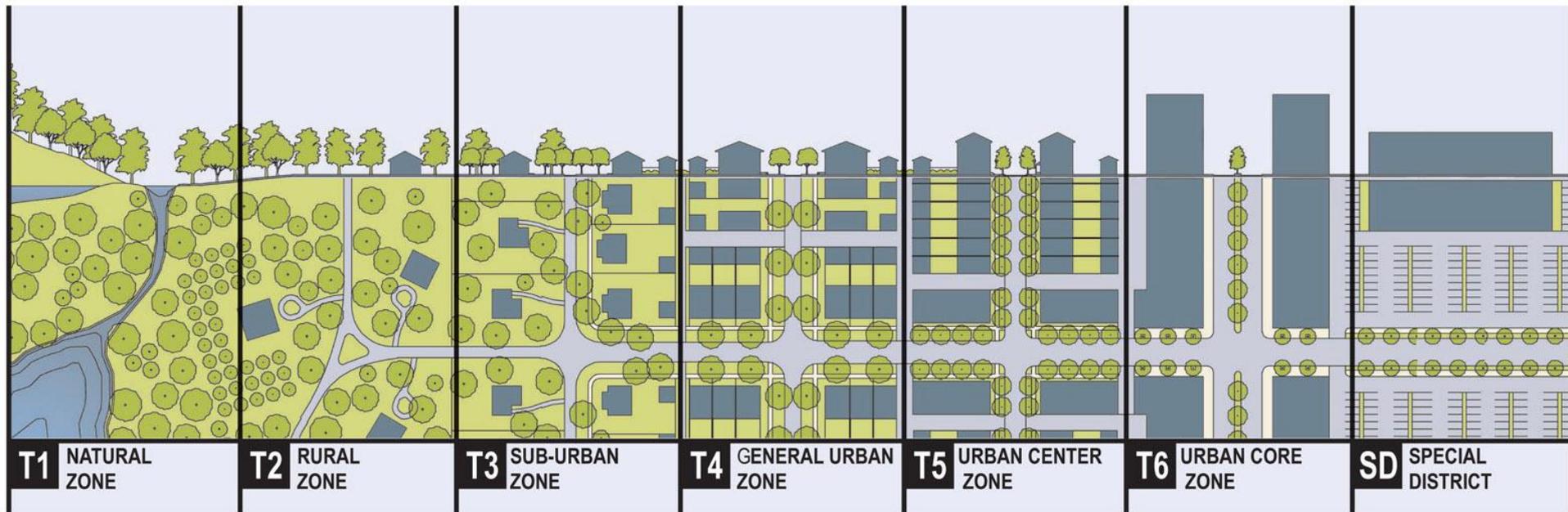
St. Petersburg, FL

Pedestrian Hybrid Beacon (HAWK)



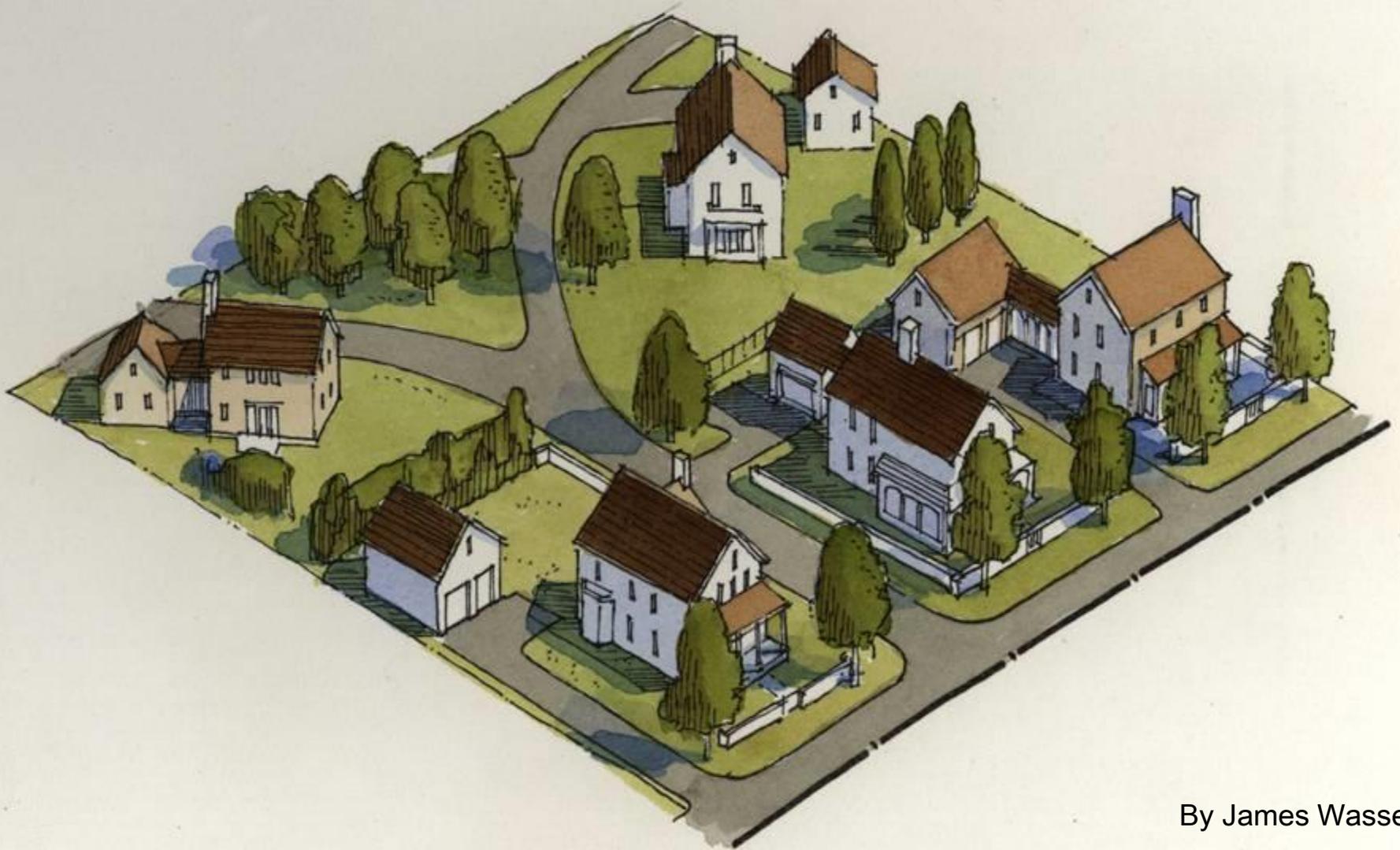
St. Petersburg, FL

Define the Context



Transect Zones, Smart Code

T-3 Suburban



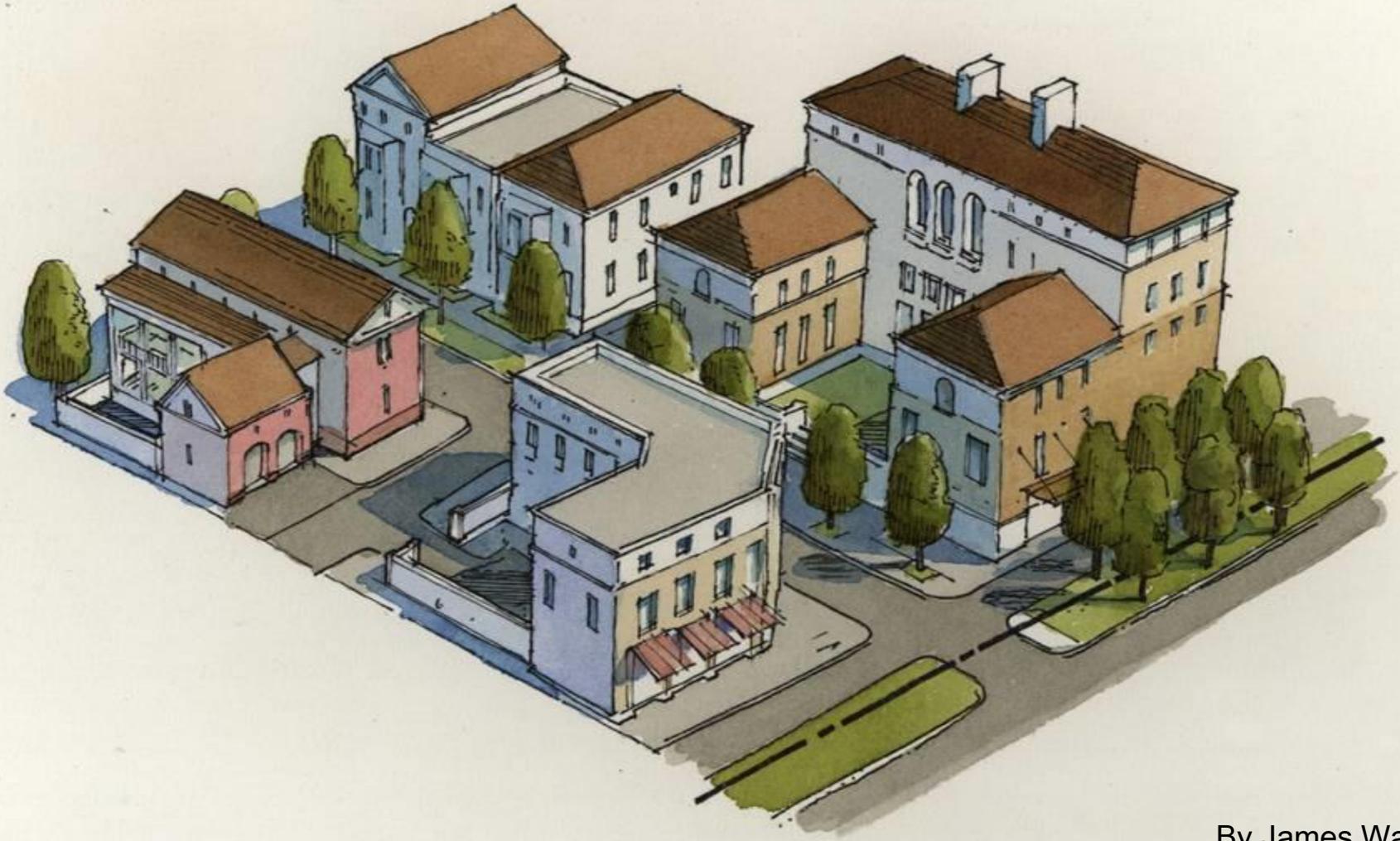
By James Wassell

T-4 General Urban



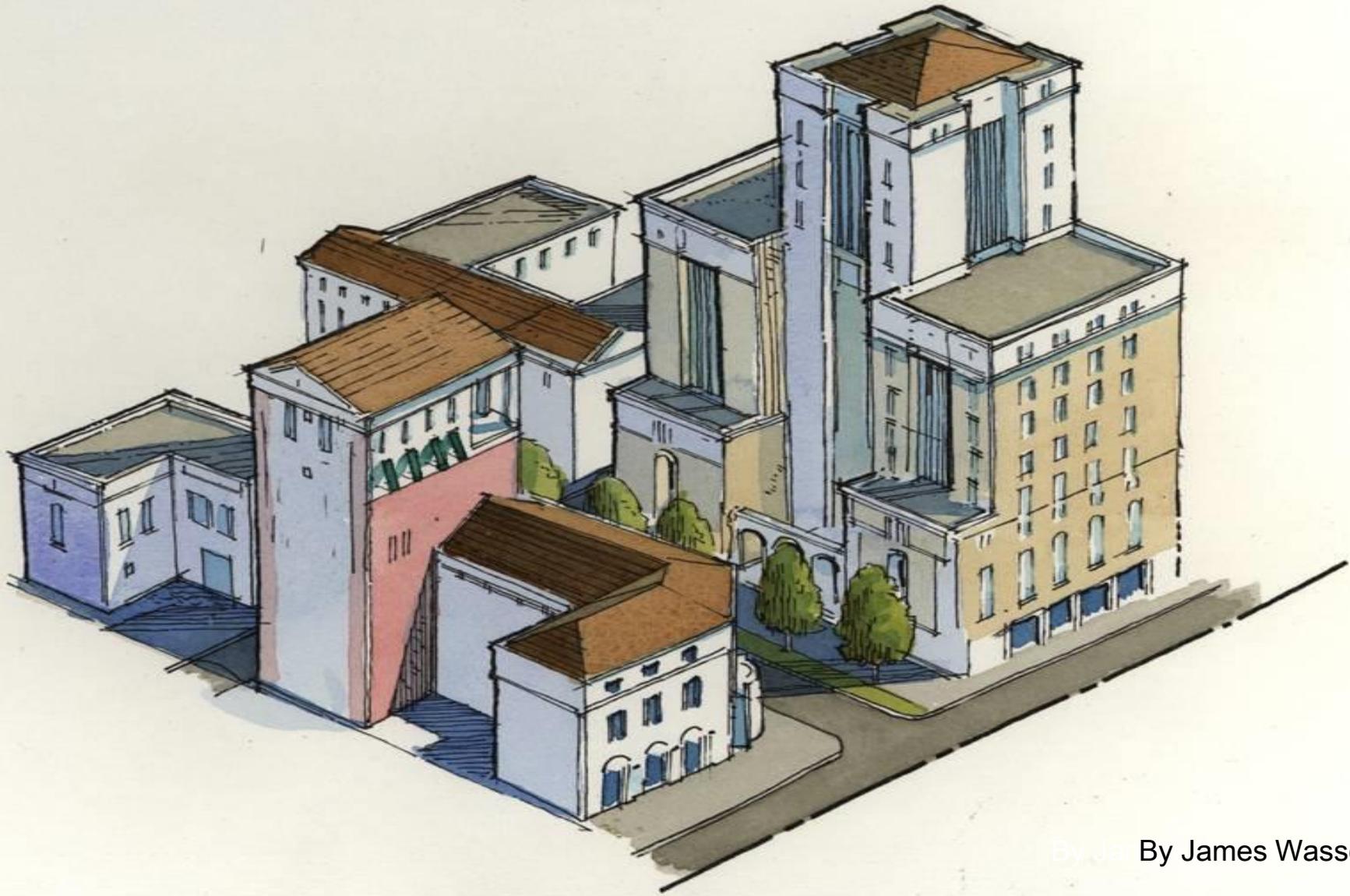
By James Wassell

T-5 Urban Center



By James Wassell

T-6 Urban Core

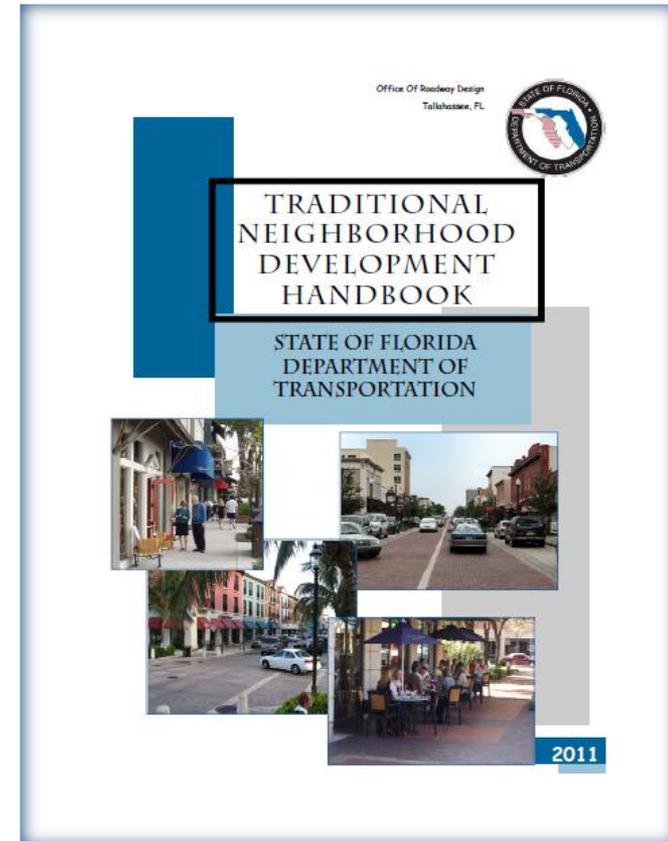


By James Wassell

TND Chapter, Florida Greenbook



- Established through Florida rulemaking process
- For local streets
- Includes a TND Handbook
 - Best Practices
 - Educational



<http://www.dot.state.fl.us/rddesign/FloridaGreenbook/FloridaGreenbook.pdf>

<http://www.dot.state.fl.us/rddesign/FloridaGreenbook/TND-Handbook.pdf>

Complete Streets/Speed



Complete Streets/Speed



New Broad St, Baldwin Park, Orlando, FL

Proposed Lane Width



Movement Type	Design Speed	Travel Lane Width
Yield	Less than 20 mph	N/A*
Slow	20-25 mph	9-10 feet
Low	30-35 mph	10-11 feet

TND Chapter, Florida Greenbook

*Yield street width is 24' curb face to curb face.

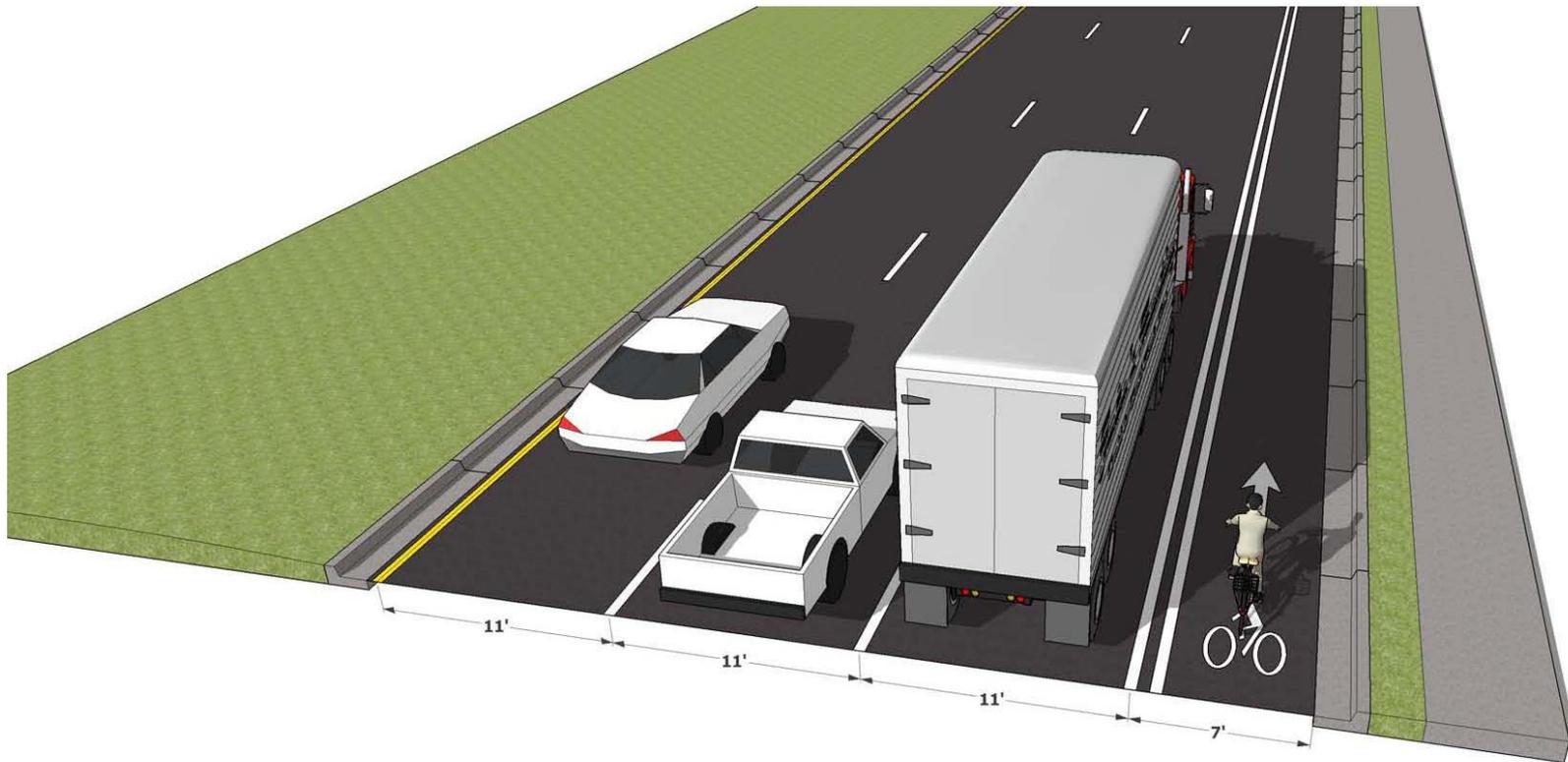
Context Based Bike Facilities



DRAFT Concepts:

- Context/Speed/Volume Based
- Low Speed/Volume – Shared Travel Lanes
- Moderate Speed/Volume - Bike Lanes (7' Standard)
 - New Construction
 - Retrofit Projects
- Higher Speed/Volume - Multi-use Paths (10' Standard)

6 Lane Retrofit



7' Bike Lane

Development Patterns



Small Blocks/Street Network



Buildings at Street

Baldwin Park, Orlando, FL



- 1,100 Acres
- 250 Acres of Lakes
- **32 Street Connections**
- 14,000 Residents
- 125 Businesses
- Mixed Use
- Publix, CVS
- 20 Neighborhood Parks
- “A” Rated Schools
- 50 miles of Trails
- Single Family
- Town Homes
- Apartments
- Condominiums
- Live/Work

Mixed Use Development



New York Ave, Winter Park, FL

Neighborhood Stores



Central Ave, Orlando, FL

Making a Street Complete



Woodville Hwy, Woodville, FL



Florida Department of Transportation



Florida Department of
TRANSPORTATION



Questions?

Billy L. Hattaway, P.E.

billy.hattaway@dot.state.fl.us



*Amanda Martinez, Director of Planning and Development Services
City of Deerfield Beach*





Implementation of Complete Streets Policies



City of Deerfield Beach Complete Streets Implementation





Creating the Guidelines

May 2012:

- Complete Streets Committee
- Planning, Engineering, Landscaping, Fire Rescue, CRA/Economic Development & City Manager's Office
- Committee met monthly to review chapters of Broward Complete Streets Guidelines and revise to meet needs of the city

Deerfield Beach Complete Streets Guidelines

Adopted August 20, 2013





The Guidelines

- Sets goals, performance measures and an implementation plan for Complete Streets
- 14 chapters covering
 - design of intersections, pedestrian, bikeway and transportation facilities
 - Land use, traffic calming, re-placing streets, and retrofitting suburbia



City of Deerfield Beach Complete Streets Implementation



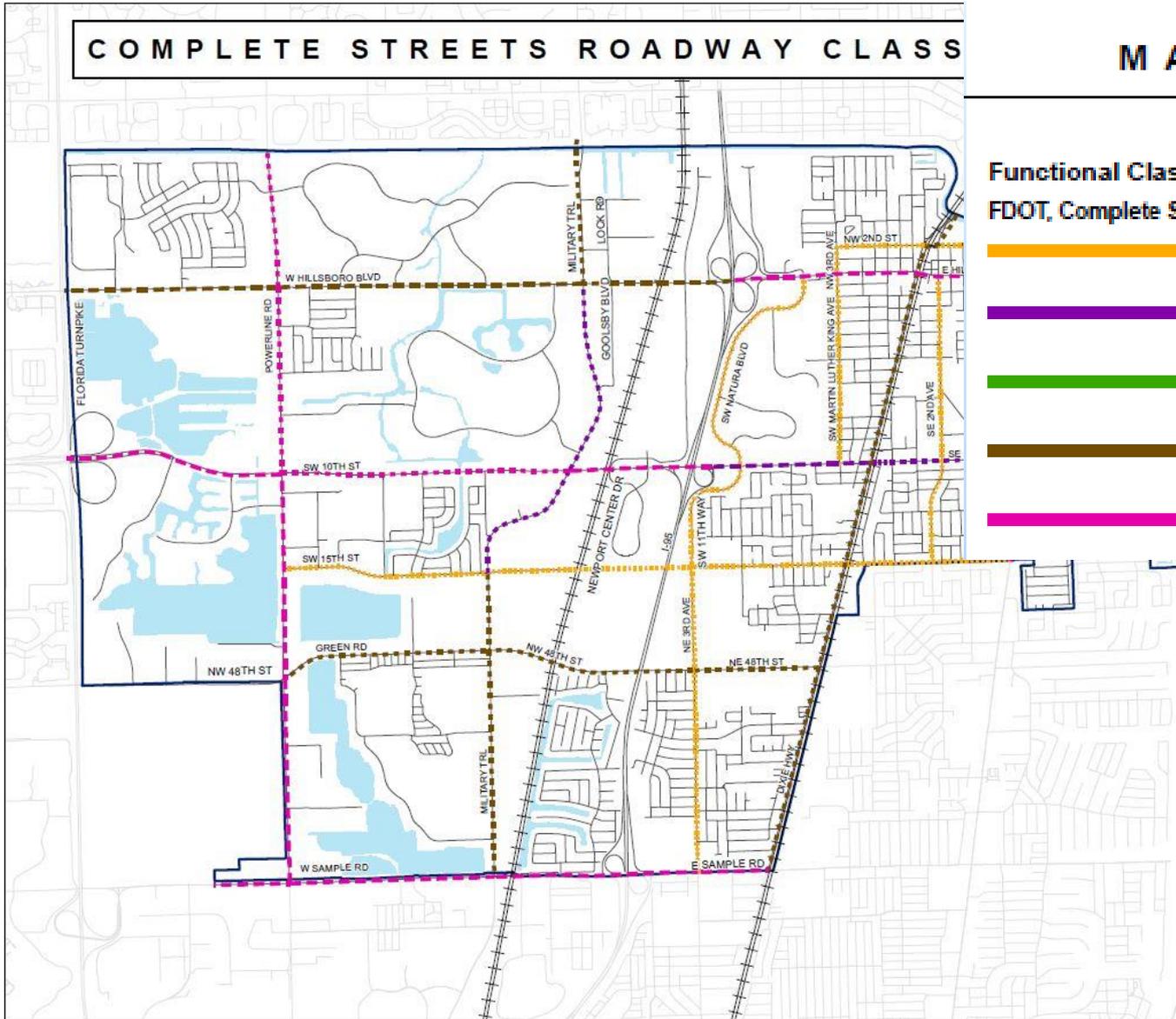
COMPLETE STREETS ROADWAY CLASS

MAP LEGEND

Functional Classifications

FDOT, Complete Streets

-  City Collector, Avenue
-  City Minor Arterial, Boulevard
-  State Collector, Avenue
-  County/State Minor Arterial, Boulevard
-  County/State Principal Arterial, Boulevard



MAP INFORMATION

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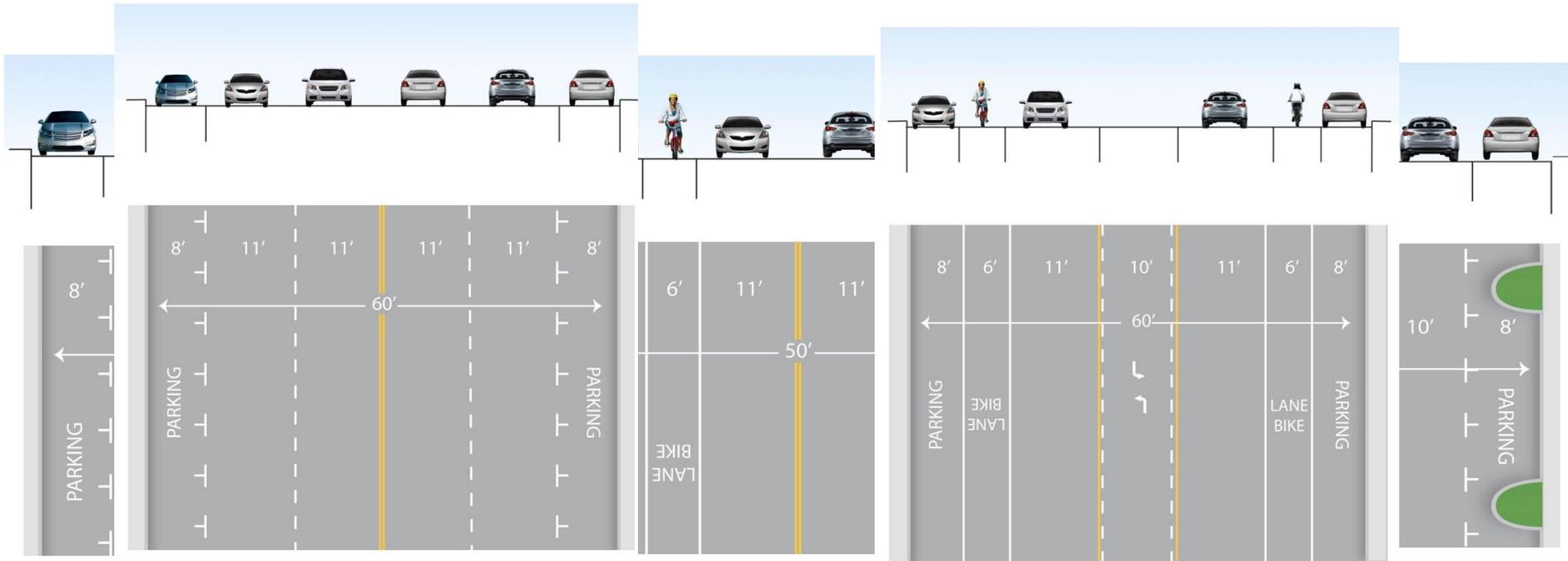
The origin of this map is the City of Deerfield Beach Planning & Zoning Division.
All other information is obtained through the Broward County Planning Services Division, GIS Section.

Date: 5/13/2013
Path: G:\Data\DeerfieldBeach\Planning\Complete Streets\CompleteStreets_Classification.mxd





Sample Cross Sections



Existing 50' avenue

Existing 60'-wide avenue or boulevard

Option 1: Restripe to add bike lanes

Option 2: Add median
Reduce travel lanes and add bike lanes



Community Outreach

- Survey
 - 9 question survey
 - Collected 200 responses
- Complete Streets Website
 - www.Deerfield-Beach.com/CompleteStreets
- Elementary School Poster Contest
- Attended Events: January – March 2013
 - Festival of the Arts
 - Green Market





Plans & Documents

- Deerfield Beach Complete Streets Guidelines
 - Adopted by City Commission in August, 2013
- Comprehensive Plan Complete Streets GOP's
 - Adopted into the Transportation & Future Land Use Elements in April, 2014
- Complete Streets Plan
 - August 2014: Received a \$15,000 grant from DEO to hire a consultant to write Complete Streets Plan



Implementation

- Piggyback on other agency projects:
 - Hillsboro Blvd. resurfacing project
 - A1A resurfacing project





Hillsboro Blvd. Proposed





Typical Sections

Project Area Proposed Typical





A1A Resu





Contact Information

Amanda Martinez

Director, Planning & Development Services

City of Deerfield Beach

954-480-4206

amartinez@deerfield-beach.com

Website: www.deerfield-beach.com/completestreets



Darla Letourneau
BikeWalkLee



Planning for Complete Streets in Florida: The Role of Citizen Advocacy

Darla Letourneau
BikeWalkLee



1000 Friends of Florida Complete Streets Webinar

Nov. 12, 2014

BikeWalkLee Quick Facts

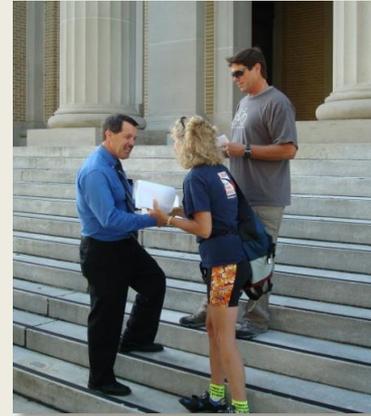
Formed in 2009 with complete streets mission

All volunteer community coalition

62 supporter organizations - 1,000 individuals in network

Early complete streets pioneer in Florida

- *BikeWalkLee is a community coalition raising public awareness and advocating for complete streets in Lee County—streets that are designed, built, operated and maintained for safe and convenient travel for all users: pedestrians, bicyclists, motorists, and transit riders of all ages and abilities.*



Keys to BikeWalkLee Success

- Cohesive & multi-talented steering group
- Diverse coalition
 - Education
 - Public safety
 - Public health
 - Environmental and sustainability
 - Economic development
 - Pedestrian and bicycle organizations
 - Community groups
 - Private businesses
- Respected leaders involved in launch



The Complete Streets Movement: Tailor Made for Vital Advocate Role

The complete streets movement is aligned with the advocate role because it is ...

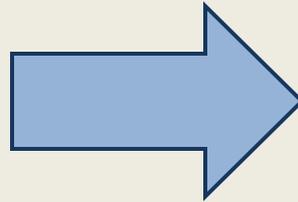
- Part of a national movement
- Insistent about change
- Redefines the problem
- Expands the universe of players
- Brings communities together



Complete Streets Policy Adoption: Different Leadership Models

Leadership models

- Elected official-initiated
- Staff-initiated
- Advocacy-initiated



Ingredients for success

- Broad community coalition of support
- Internal staff champions
- Elected official champion(s)

Policy Adoption Lessons Learned

- No one “best approach” —context-sensitive strategy
- Pursue adoption in multiple jurisdictions
- Leverage successes in one jurisdiction to promote complimentary policies in others
- Take time to building coalition and political support before moving forward
- Emphasis different themes—safety, health, sustainability. Safety strongest
- CS Resolution needs strong implementation plan—deliverables, timelines, assignments



Implementation: Lee County Internal / External Partners



Internal

Interdepartmental Performance Team

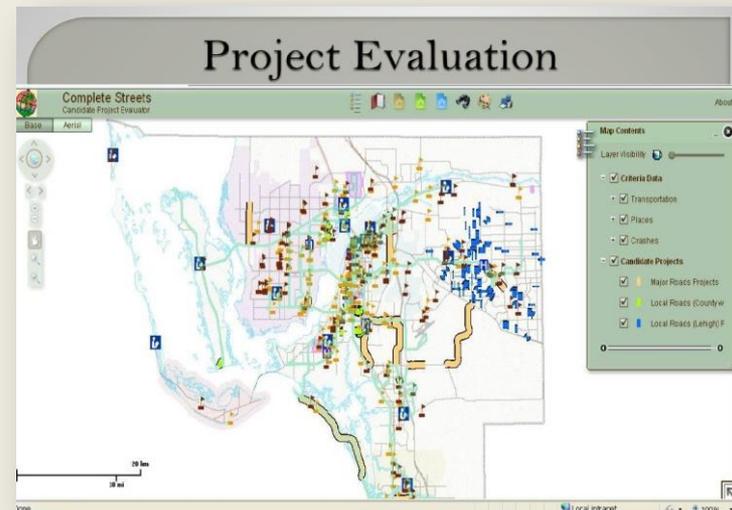
- Transportation
- Community Development
- Human Services
- Utilities
- Parks and Recreation
- Transit
- County Lands
- Economic Development
- Sustainability

External

- Advisory Committees & Stakeholders

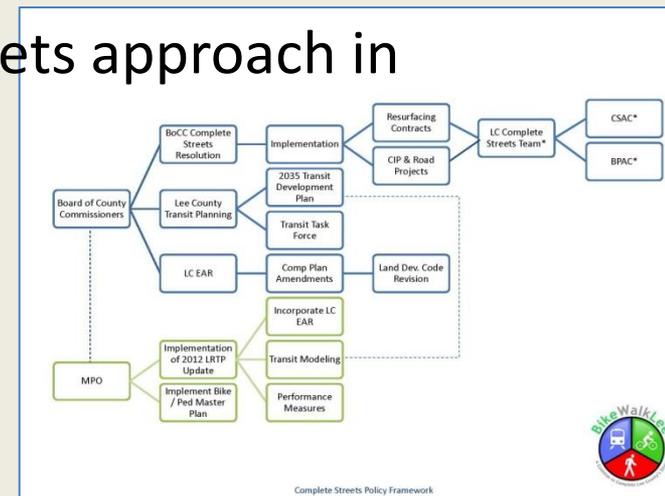
Implementation Lessons Learned: Lee County

- Look for low-lying fruit
- Complete Streets Team evaluated resurfacing – opportunities for complete streets
 - Context sensitive & holistic evaluation
 - Recommended minor improvements during resurfacing
 - Recommended & prioritized complete streets projects for future CIP
 - Innovative GIS interactive map



Implementation Lessons Learned: Lee County

- Easy part is policy adoption—hard part is implementation
 - Esp. for advocate-initiated policy
- Importance of strong implementation components in policy
 - Requirement to develop implementation plan and deadlines
 - Specific roles for committees and staff
 - Annual reporting requirements to elected bodies
- Extensive work to embed complete streets approach in government policy framework
- Constant education process
- Importance of internal champions



Complete Streets Implementation: How to survive political turmoil



- Political change a given—be prepared
- Develop relationships with all officials for broad coalition effort: Don't hitch your star to just one wagon
- Develop relationships with external stars to stay focused & gain support in political arena: USDOT Secy LaHood and FDOT District 1 Secy Hattaway
- Shift elected bodies/staffs/geographic areas or issue focus based on where you can make difference
- Know when to pivot

AARP– The Role of Advocates in Complete Streets Implementation

- Encouraging
 - Informing
 - Tracking
 - Celebrating
- Serving as watchdog

BikeWalkLee Encouraging

- Communication system
- Personalized thank you notes
- Highlight local successes nationally
- Partner for grants -Winning TIGER grant watershed moment



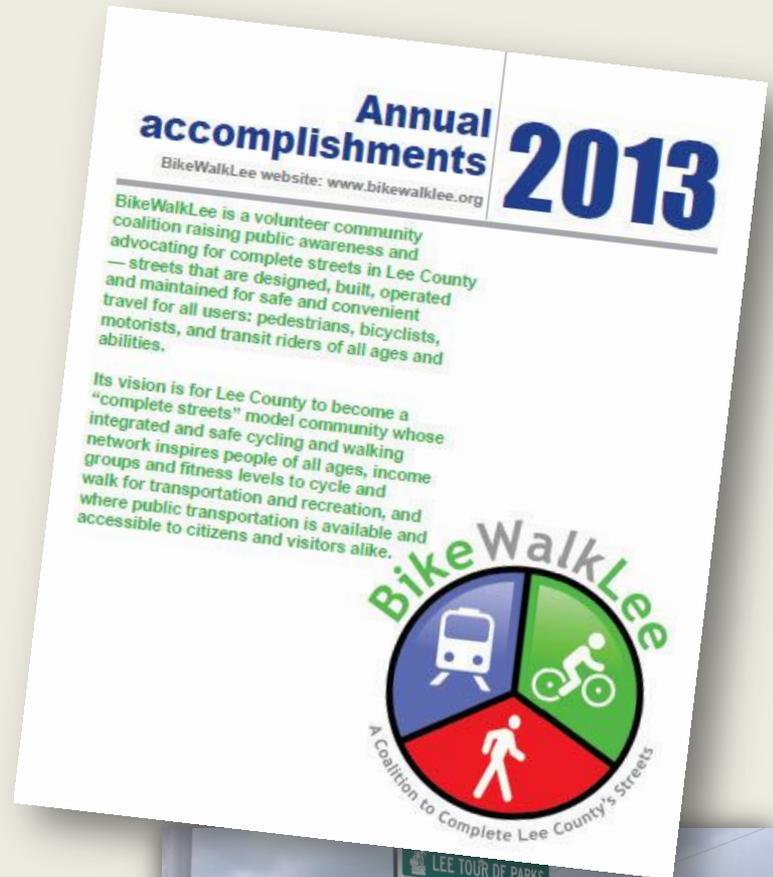
BikeWalkLee Informing

- Hands-on - Visits & Bike Audits
- Media access - biweekly News-Press column and commentaries
- Website, blog, newsletter, Facebook & Twitter
- Complete streets presentations to groups



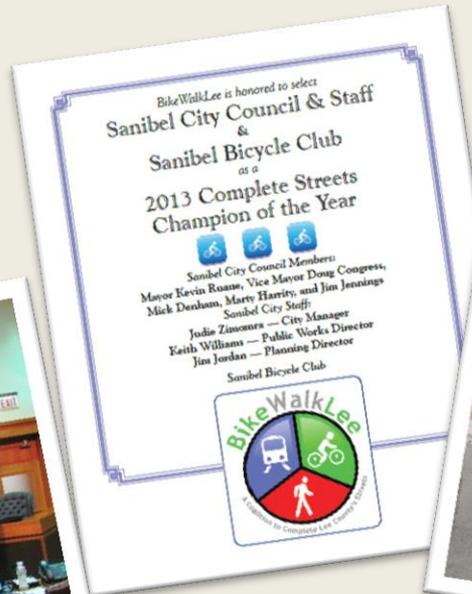
BikeWalkLee Tracking

- Annual BikeWalkLee Accomplishment Reports
- Annual letter to Commissioners on complete streets implementation report
- Annual countywide report on new and improved bike/ped facilities



BikeWalkLee Celebrating

- Annual Complete Street Champion Awards
- Streets Alive! Celebration of TIGER grant



BikeWalkLee Watchdog

- Participate in committees and public meetings
- Reports and recommendations to elected officials
- Use BikeWalkLee communications system to highlight problems
- “Streets of Shame” reports in column



National Resources

- National Complete Streets Coalition website: A to Z of complete streets
- Alliance/LAB “Advocacy Advance” reports
- Track complete streets related developments across country:
 - Streetsblog USA
 - CityLab
 - Strong Towns
 - Newsletters—Alliance, SGA, NCSC, CenterLine, etc.
- Network: Webinars, Alliance mutual aid calls, national conferences
- Take advantage of “open source” information

BikeWalkLee Resources

- BikeWalkLee website: www.bikewalklee.org
- BWL blog: <http://bikewalklee.blogspot.com/>
- Follow BWL Facebook and Twitter

Contact: Darla Letourneau

dletourneau@bikewalklee.org

239-850-3219





Laura Cantwell
AARP Florida





AARP

Complete Streets

Great Places for All Ages



AARP Livable Communities Definition

“Affordable and appropriate housing, supportive community services, and adequate mobility options, which facilitate personal independence and the engagement of residents in civic and social life.”



We have entered a time of
profound and permanent change
to the demographic composition of the United States



Every day, **10,000**
boomers turn 65



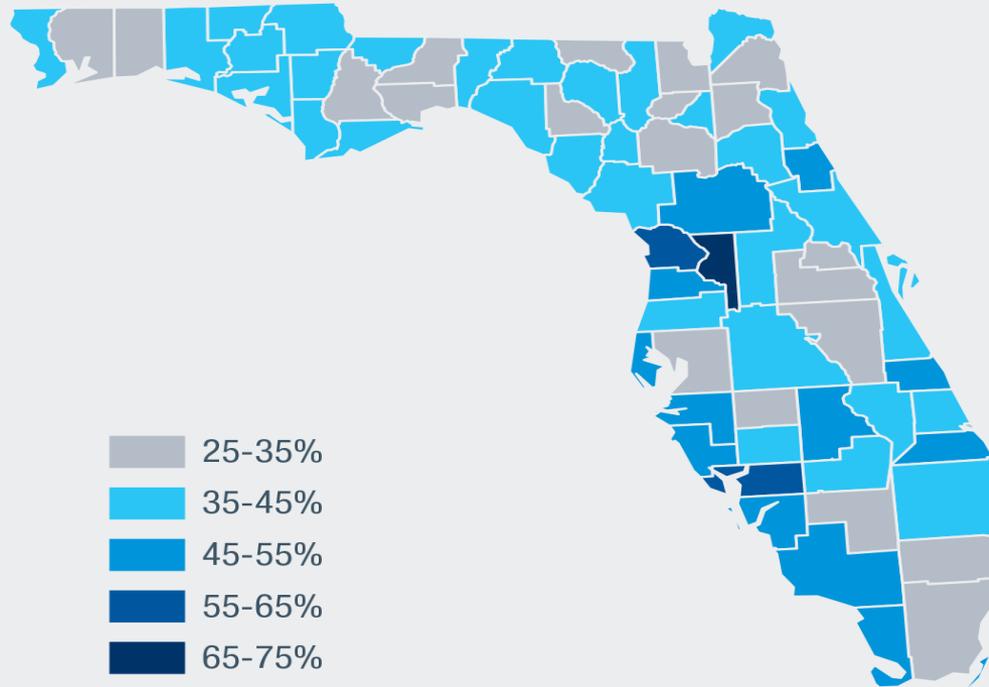
By 2030 the U.S. will have **twice as many**
people over the age of 65 as we have today

Population Growth

Year	65+ Population	Total Population	65+ Share of Total Population
2000	34,991,753	281,421,906	12%
2007	37,887,958	301,621,157	13%
2030	72,092,000	373,504,000	19%
2050	88,547,000	439,010,000	20%

FL % of Population over 50

% of population over 50

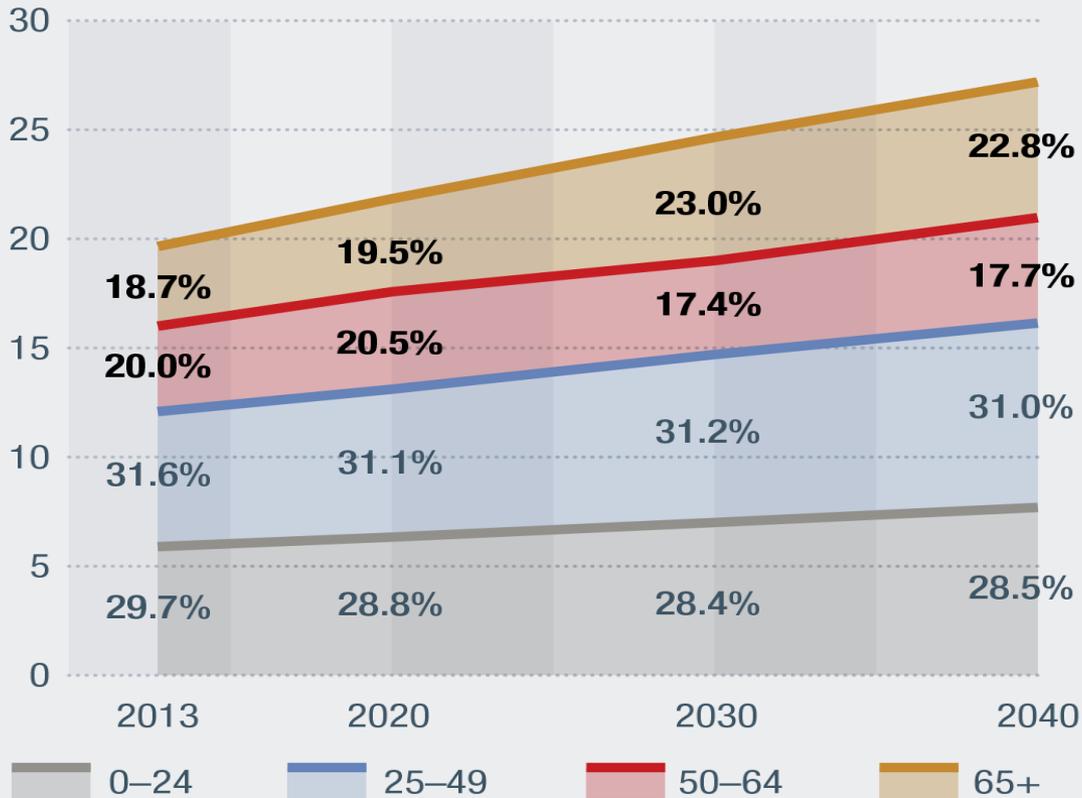


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FL Population by Age

Population by age

Millions



Economic Contribution

Economic contribution of the Longevity Economy

GDP	\$428.7 billion	54%
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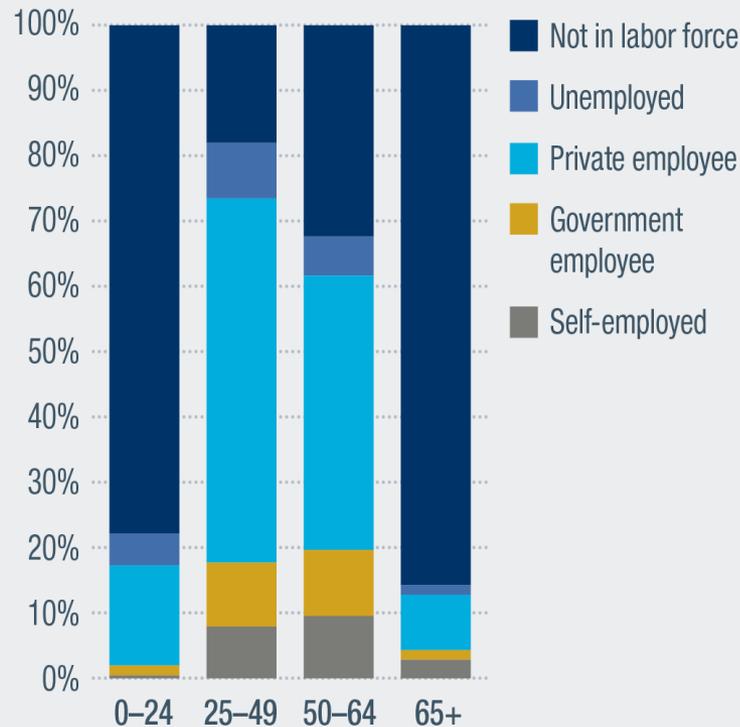
Jobs	6,070,000	58%
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Employee compensation	\$235.6 billion	53%
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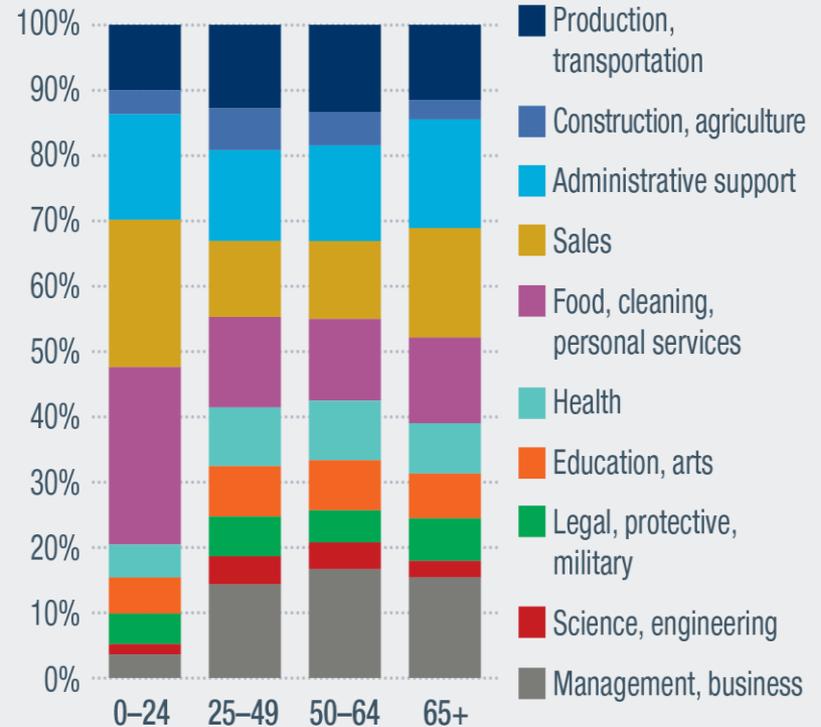
State & local tax	\$37.8 billion	67%
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Labor Force

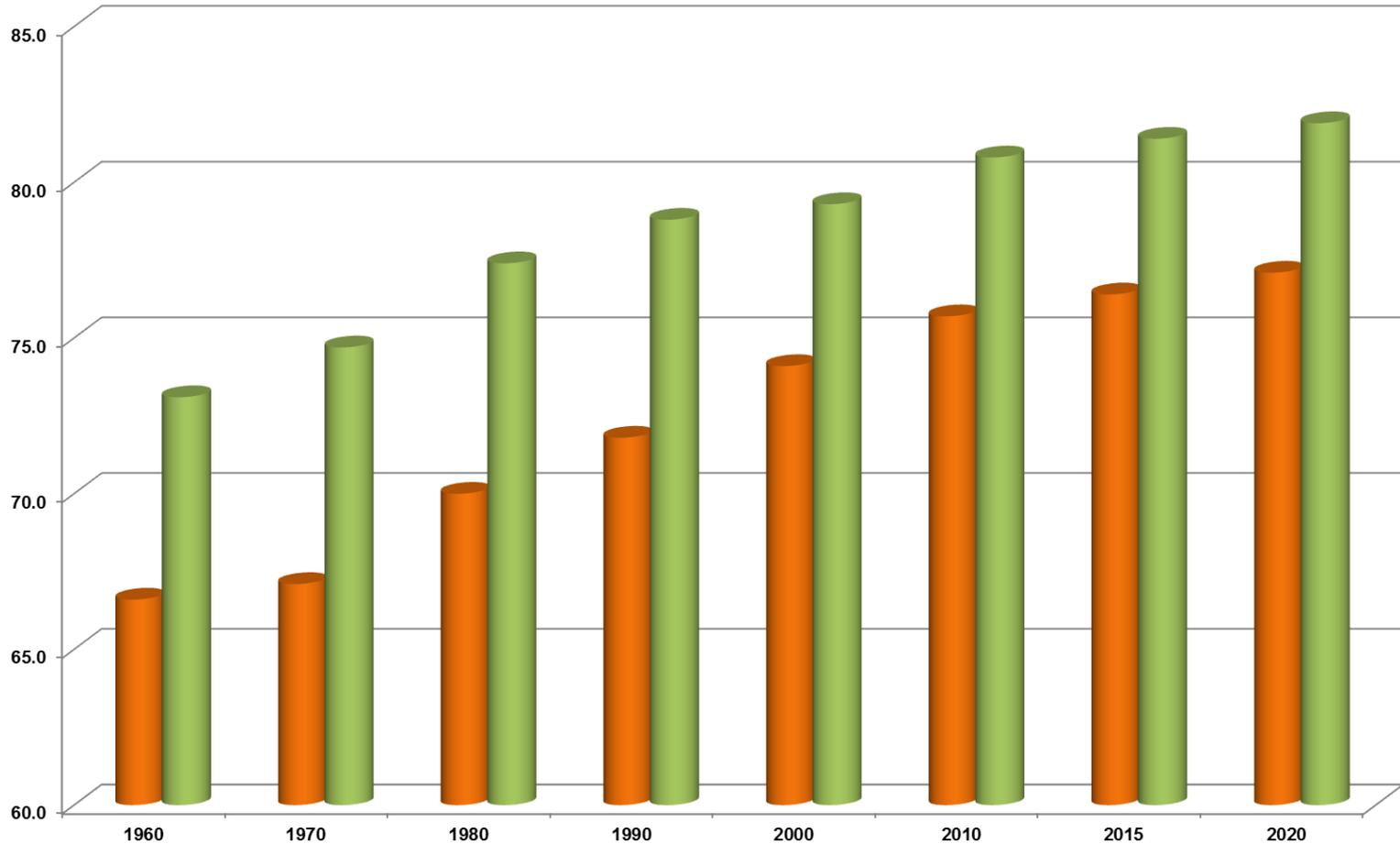
Labor force status by age



Occupation by age



Expectation of Life at Birth



Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), Deaths: Preliminary Data for 2008, Vol. 59, No. 2, December 9, 2010.



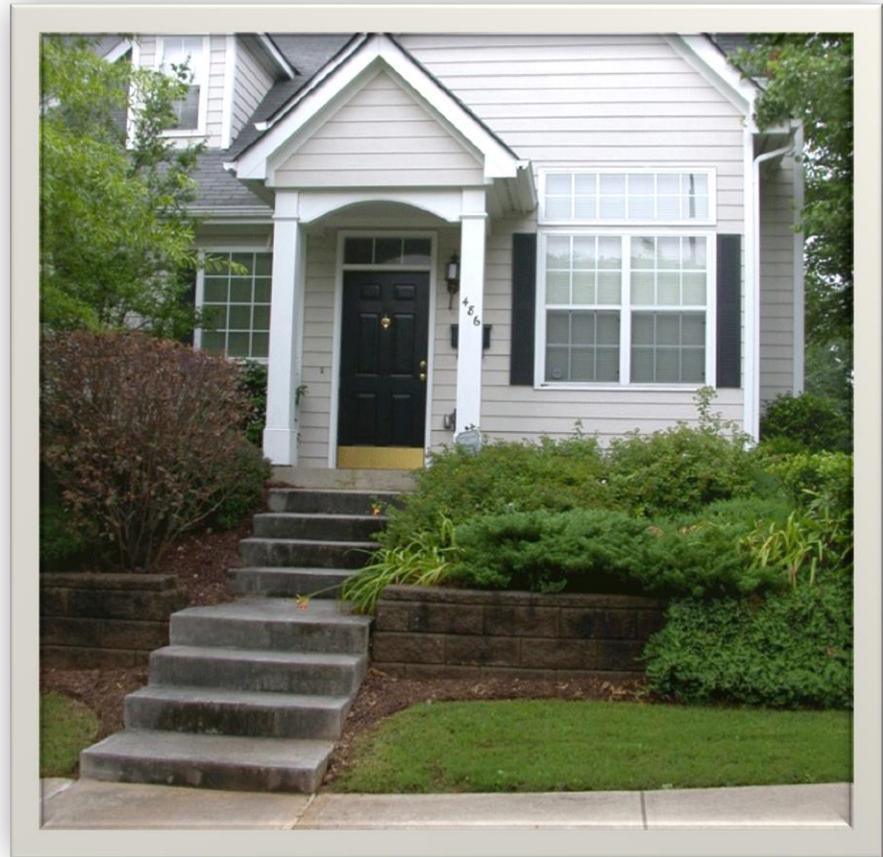
Trends

Survey after survey finds that **today's older adults want to remain in their homes**

78%

.....
of adults ages 45+ agree or strongly agree with the statement: "What I'd really like to do is stay in my current residence for as long as possible."

Source: AARP Home and Community Preferences of the 45+ Population, 2014



But most houses haven't been designed to adapt. In fact, American homes have traditionally been designed and built for **able-bodied 35 year olds**

Survey after survey finds that
**today's older adults
want to stay in their
community**

80%

.....
of adults ages 45+ agree
or strongly agree with the
statement: "What I'd
really like to do is stay in
my current community for
as long as possible."

Source: AARP Home and Community
Preferences of the 45+ Population, 2014

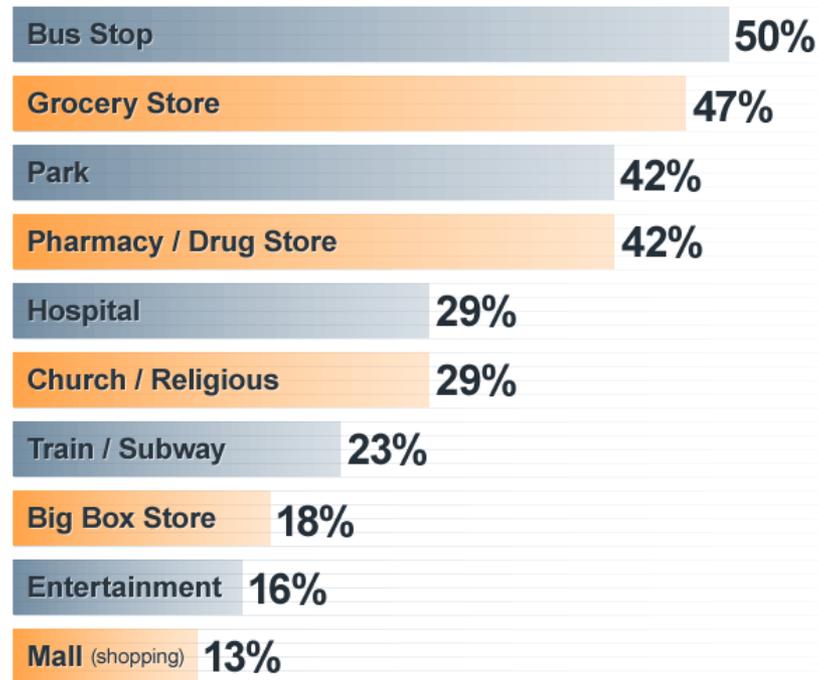


For the past 50 years, communities have
developed around cars and other motor
vehicles as our principal form of transportation

What Community Amenities Do Older Adults Want Close to Home?

We asked older adults what amenities they want close to home. Access to transportation, food, and green space top the list. These are among the many community indicators that we are measuring as part of the Livability Index project. Find out more about our livability research and the development of our index here: www.aarp.org/ppi/liv-com/

% endorsed within 1 mile or less



Source: AARP Public Policy Institute

GRAPHIC: AARP Digital Design



Boomers and Millennials: Changing Preferences



Many are living in a central city

Car ownership and driver's license rates are declining

Prefer living closer to work and driving less

Value improving existing communities

Community



Programs



**Complete Streets &
Walk Audits**

Advocacy and Policy

Home Fit Workshops

**AARP's Network of Age
Friendly Communities**



Complete Streets in the Southeast: A Tool Kit



Fact Sheets and Case Studies

Links to videos and presentations

Sample letters to the editor and editorials

Template for a Complete Streets audit and implementation plan

The Livability Fact Sheets



Myth-Busting!

Success Stories

- West Palm Beach: Clematis Street & Downtown
- Bradenton Beach: Bridge Street
- Orlando: Edgewater Drive

How to Get it Right

Resources

Upcoming Tools!

The screenshot shows the LivabilityIndex website with a search bar and navigation links. The main heading is "How livable is your community?". Below it is a search input field with a magnifying glass icon. To the left, there is a "CITY SPOTLIGHT" for Westchester County, NY, with a livability score of 56. To the right, there are sections for "FEATURED CITIES" (Austin, TX and Portland, Oregon) and "LEARN MORE" (Livability Defined, Featured Communities, About Us).

This screenshot shows the LivabilityIndex website with a map of Minneapolis, Minnesota. The search bar contains "Minneapolis, Minnesota" and the livability score is 87. A legend on the right indicates the color scale for livability scores: 0-15 (dark purple), 15-30 (purple), 30-45 (blue-purple), 45-60 (blue), 60-75 (teal), 75-90 (green), and 90+ (yellow). The map shows various neighborhoods in Minneapolis, with a blue pin marking the location of the search. Below the map, there are links for "Nearby Communities" and "Similar Communities", and a "Map Options" dropdown menu set to "Total score".

This is a snippet of an AARP article titled "Livable Communities: Getting Around". The article discusses the challenges of getting around in communities with limited public transit and the importance of sidewalks. It includes a statistic: "One in Three Americans is Now 50 or Older" and "By 2030 one out of every five people in the United States will be 65-plus. Will your community be ready?". The article also features a section titled "WALKING" and "The Importance of Sidewalks".

Resources

AARP.org/Livable

blog.aarp.org/Great-Places

AARP.org/livable-newsletter

Laura Cantwell

lcantwell@aarp.org

727-592-8020

AARP
Real Possibilities

LIVABLE COMMUNITIES
Great Places for All Ages

AARP Home » Livable Communities - AARP

Livable Communities | Best Practices • Strategies • Research • Policies • Tool Kits

The Most Dangerous Places in the U.S. to be a Pedestrian

"Dangerous By Design," a new report about the nation's roadways, notes that 16 times the number of Americans who died in natural disasters (floods, earthquakes, hurricanes and tornadoes) between 2003 and 2012 were struck and killed by a vehicle while walking. Older adults are especially at risk.

- [Read the Report](#)
- [Watch the Slideshow](#)

One in Three Americans is Now 50 or Older
By 2030 one out of every five people in the U.S. will be 65+ . Will your community be ready? AARP Livable Communities features the information and resources local leaders, planners and others need to create age-friendly places for people of all ages. [Learn More >](#)

Bookmark this page
AARP.org/livable

AARP Livable Communities
Great Places for All Ages

Stay up-to-date.
Subscribe today!

[Free e-Newsletter](#)

NEW & NOTABLE

5 Questions for Julian Castro
The San Antonio mayor (and HUD nominee) talks age-friendly cities

5 Questions for Mitchell Silver
AARP Livable speaks with the well-known urban planner, now chief of New York City's Department of Parks and Recreation

AGE-FRIENDLY NETWORK

AARP Network of Age-Friendly Communities
Learn how your community can join

An Age-Friendly World Tour
Four continents, eight nations, 13 cities, 16 best-practice examples

The 8 Domains of Livability

GREAT PLACES BLOG

Age-Friendly Faces and Places Photo Contest Winners
May 30, 2014 1:10 PM

Washington State's Model Intercity Bus Program
May 22, 2014 4:22 PM

Pedestrian Fatalities Map: Check Out a Corner Near You
May 20, 2014 6:42 PM

Thank you



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This Webinar Has Been Approved For:

- **1.5 AICP CM ([#e.27940](#)) for Planners**
- **1.5 contact hours for Certified Environmental Health Professionals**
- **1 CEC for Certified Floodplain Managers**
- **CLE ([#1405925N](#)) for Florida attorneys**



The PowerPoint is available at www.1000friendsofflorida.org



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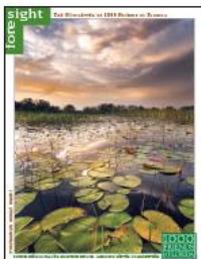
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Current Foresight

Our Vision for Florida's Future...

Picture a Florida with vibrant cities and towns, thriving and livable neighborhoods, and an outstanding quality of life. Imagine communities where kids can ride their bikes to school or the park, and parents can walk to the store or take a bus to work if they wish. [Read More >](#)

1000 Friends Honors Lee Constantine

Constantine honored for his "leadership on critical conservation and water resource protection in Florida."

[Read More >](#)



Register Now for Fall Webinars



What's New

Planning for Sea Level Rise in Broward County Webinar on October 8

The PowerPoint is now available

[Read More >](#)

Scale Back Minto West

Massive development planned for western Palm Beach County

[Read More >](#)

Survey on Climate Change/Sea Level Rise

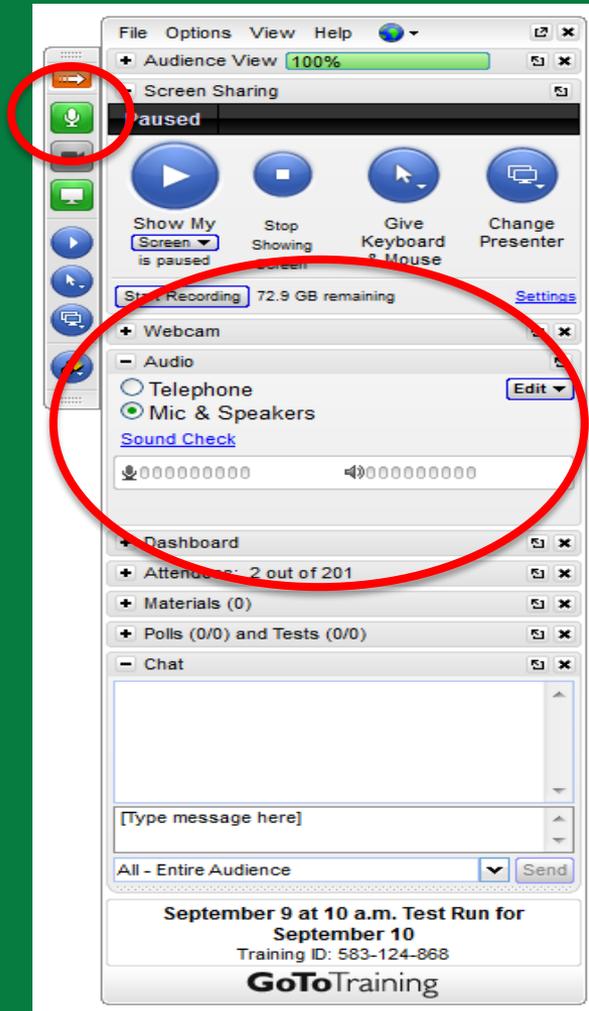
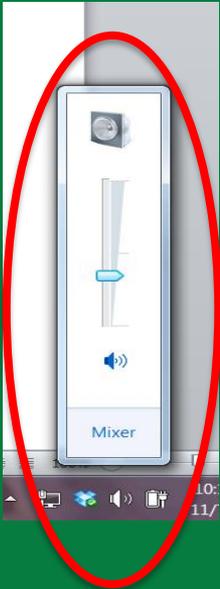
Take a few minutes to share what your community is doing

[Read More >](#)

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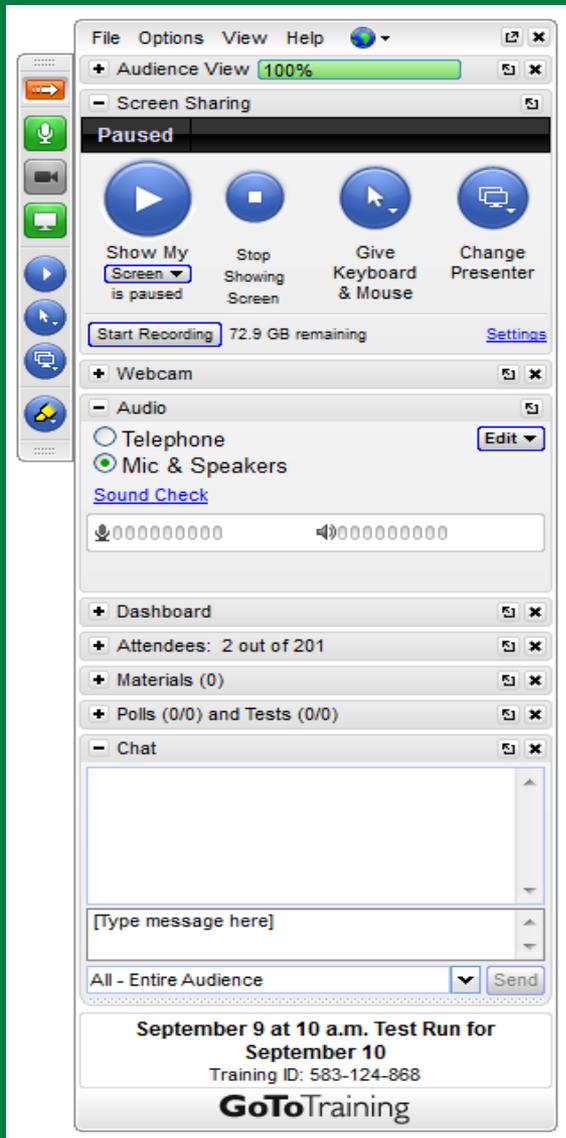


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Upcoming DeGrove Webinars:

- **REGISTRATION OPEN:**
Wednesday, December 10, Noon to 1:30
Planning for Greenways: Florida's Expanding System of Regional Connectors
- **January 14, 2015, Noon to 1:30 p.m.**
Planning for Sea Level Rise: Legal Issues Facing Florida
- **February 11, 2015, Noon to 1:30 p.m.**
Victor Dover on Street Design: The Secret to Great Cities and Towns
- **March 11, 2015, Noon to 1:30 p.m.**
2015 Florida Legislative Update



Please Support 1000 Friends of Florida:

www.1000friendsofflorida.org/donate-now/

