



Broward Complete Streets Advisory Committee (CSAC) Meeting

Monday, May 14, 2018



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: #X478



MPO CURRENT EFFORTS

- Let's Go Biking! 2018
- Complete Streets Master Plan
- Technical Approach to Walking Audits
- Training Opportunities



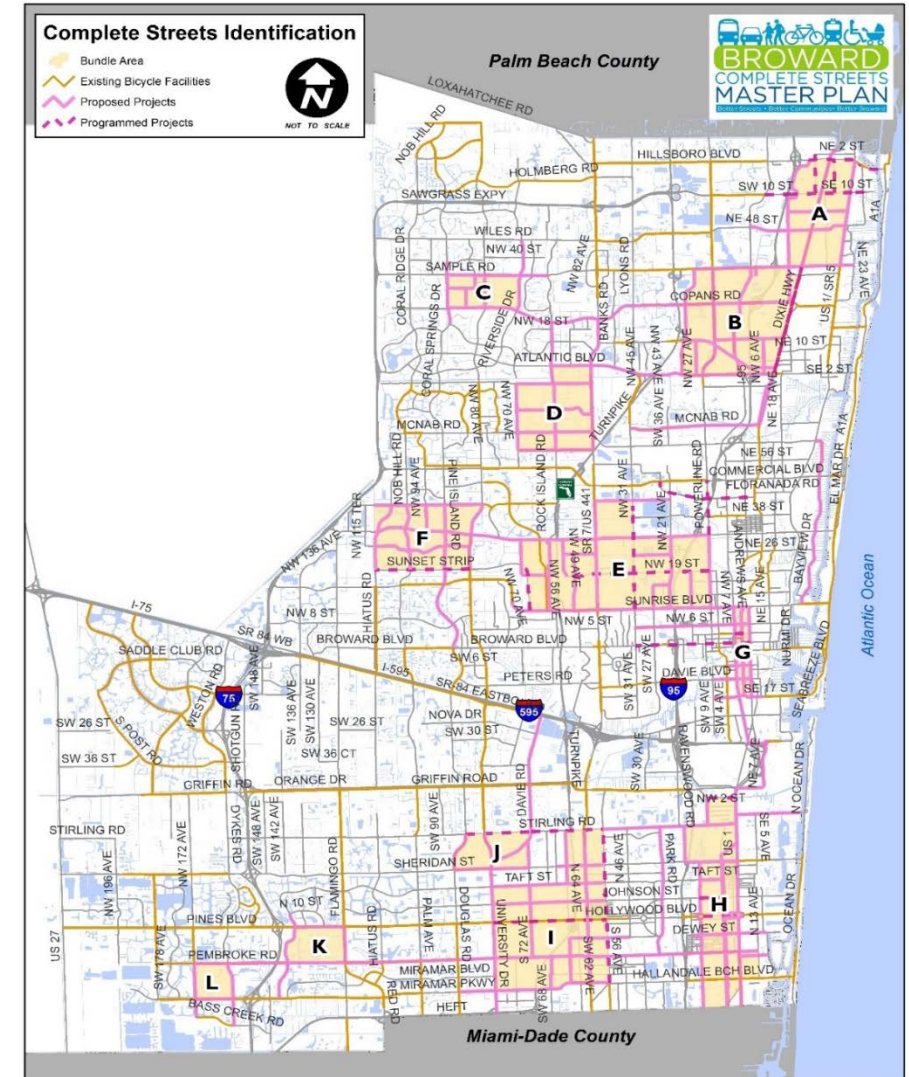
LET'S GO BIKING! 2018

- Hosted in Town of Davie at Vista View Park
- Over 100 people attended
- Sponsors: PowerCrunch, Via Planning, Kimley-Horn, Trader Joes, Costco, AvMed/B-Cycle, Mission BBQ



COMPLETE STREETS MASTER PLAN

- Committee Meetings – August 2018
- MPO Board Meeting – September 2018



TECHNICAL APPROACH TO WALKING AUDITS

- Oakland Park Boulevard from University Drive to Inverrary Boulevard/NW 56th Avenue – City of Lauderdale

@SpeakUpBroward

TRAINING OPPORTUNITIES

- Innovative Bicycle Facility Design – *tentatively*
Wednesday, August 8, 2018



Commitment 2045

Metropolitan Transportation Plan

Presented by:

Peter Gies

Strategic Planning Manager, Broward MPO



move people • create jobs • strengthen communities

Metropolitan Transportation Plan

Complete Streets Advisory Committee – May 14th, 2018

MPO MISSION STATEMENT

To collaboratively plan, prioritize and fund the delivery of diverse transportation options.

MPO VISION STATEMENT

Our work will have measurable positive impact by ensuring transportation projects are well selected, funded and delivered.

CORE PRODUCTS





Stakeholder Outreach

STAKEHOLDER OUTREACH

- Commitment 2045 Call for Projects
- Municipal/Agency Partner Meetings have been scheduled



BROWARD MPO CALL FOR PROJECTS
Metropolitan Transportation Plan



COMMITMENT 2045
move people • create jobs • strengthen communities



Looking for a way to fund your transportation projects?

The Broward MPO is here to help.

Start the conversation with us by providing a list with information on your **program ready** transportation projects to the MPO. For example:

Project Name	From	To	Brief Description of Project	Estimated Cost
Apple St	Orange St	Grape St	Add one 10ft travel lane in each direction	\$X,000,000

Project Limits
Estimated Cost

What makes a project program ready?



Scope of work

Needed for consideration



Partner Collaboration

Needed for consideration



Cost Estimate

Needed for consideration



Resolution*

*Needed if selected for inclusion in the MTP

Metropolitan Transportation Plan

Multimodal Priorities List

Transportation Improvement Program

Unified Planning Work Program

Strategic Business Plan

Public Participation Plan

For more information or to schedule a meeting contact Peter Gies at:

Email: giesp@browardmpo.org

Call: (954) 876-0048



Broward MPO
Metropolitan Planning Organization
move people • create jobs • strengthen communities

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



Public Involvement

COMMITMENT 2045 ONLINE SURVEY

- 841 responses
- Maintenance of current roadway system, improving traffic flow @ intersections, and expanding rail options
- Scenario planning- Ensuring resilience and community vision are popular

PRELIMINARY SURVEY RESULTS

- Top 3 Areas for Allocating Funding

1. Maintaining current roads
2. Improving intersections
3. Expanding rail options

- Top 3 MTP Themes

1. Reducing roadway congestion
2. Improving travel time reliability
3. Maintaining/reducing travel time to economic/job centers

- MTP Scenario Ranking

1. Scenario 4: Resiliency
2. Scenario 5: Community Vision
3. Scenario 3: Technology
4. Scenario 2: Compact Development
5. Scenario 1: Trend

E-TOWNHALL

- Held on 3/22/2018
- 4,368 people joined the call
- Average time spent on call was 6 minutes
- After 45 minutes, had 225 participants on the line



Please join us for an e-TownHall Meeting

Please join the Broward Metropolitan Planning Organization (MPO) for a virtual e-TownHall meeting to discuss the Metropolitan Transportation Plan (MTP). This plan will give you the opportunity to influence transportation NOW and in the future!

Panelists will include:

Peter Gies- Strategic Planning Manager, Broward MPO
Chris Walton- Broward County Transit Transportation Director
Sidney C. Calloway- Partner, Shutts & Bowen LLP
Erica Lychak- Communications Coordinator, Broward MPO

The meeting will begin with an introduction of the MTP and then move into a question and answer phase where you can ask questions of the panelists.
This event will take place Thursday, March 22, 2018 from 7:00 p.m. to 8:00 p.m.

Want to join us?

- Call in toll-free and listen live at (855) 756-7520 ext. 38827#
Para escuchar en español, llame al (855) 756-7520 ext. 39098#
- Stream via Facebook Live (www.facebook.com/speakupbroward)
Sign Language will be made available at Broward MPO Offices (100 West Cypress Creek Road, Suite 650, Fort Lauderdale 33309).
- For audio link visit: Commitment2045.org.
- Don't have the ability to listen via the phone or website? Join us in person at the Broward MPO offices to participate (see address above).

This virtual meeting allows you to listen to community questions about this plan. You are not obligated to speak during the call. You can simply listen to the meeting without asking a question. If you would like to ask a question, you can do so during the event or you can submit questions ahead of time to knickelbeind@browardmpo.org.

Questions via email will be collected until 12:00 p.m. Wednesday, March 21.



e-TownHall Meeting

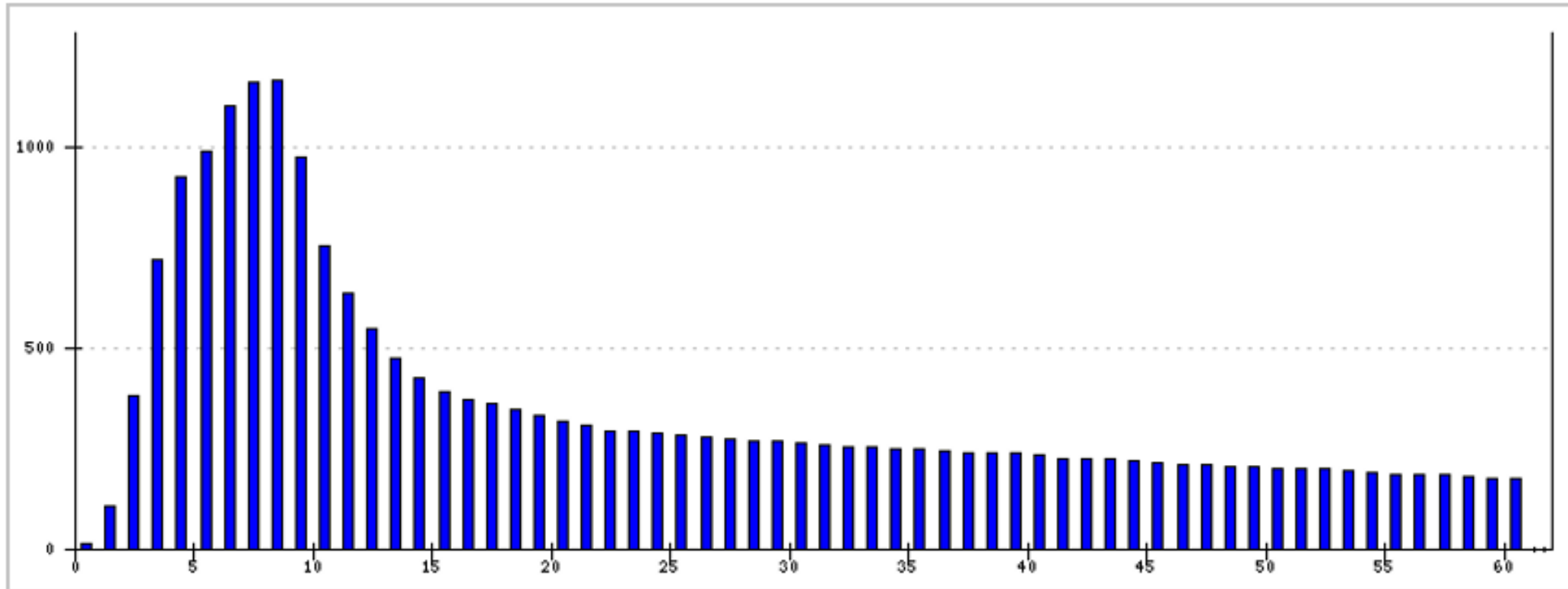
March 22, 2018
7:00 p.m.- 8:00 p.m.

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status.

Persons who require special accommodations under the American with Disabilities Act or persons who require translation services (free of charge) should contact Christopher Ryan, Public Information Officer/Title VI Coordinator at (954) 876-0036 or ryan.c@browardmpo.org, or via Florida Relay Service 711 at least seven days prior to the meeting.

For complaints, questions or concerns about civil rights or non-discrimination please contact: Christopher Ryan, Public Information Officer/Title VI Coordinator at the numbers or e-mail above

In Conference NOW / Conference Minutes



OUTREACH MEETINGS

- Outreach Meetings- March, April, and May (HOAs, Community Groups)
- Held meetings in Plantation, Oakland Park, Hollywood, Davie, and Coconut Creek
- Upcoming meetings in Unincorporated, Lauderdale Lakes, Davie, Southwest Ranches, Pembroke Pines, West Park and Ft. Lauderdale



move people • create jobs • strengthen communities

Goals & Objectives

3 KEY GOALS



Goal 1
MOVE PEOPLE
AND GOODS



Goal 2
CREATE JOBS



Goal 3
STRENGTHEN
COMMUNITIES

GOALS & PLANNING FACTORS

FAST Act Planning Factors		GOAL 1 Move People & Goods	GOAL 2 Create Jobs	GOAL 3 Strengthen Communities
1)	Support Economic Vitality			
2)	Increase Safety			
3)	Increase Security			
4)	Increase Accessibility and Mobility of People and Freight			
5)	Improve Quality of Life, Environment, Energy Conservation, and Plan Consistency			
6)	Enhance Integration and Connectivity Across and Between Modes			
7)	Promote System Management and Operation			
8)	Emphasize Preservation of the Existing System			
9)	Improve Resiliency and Reliability			
10)	Enhance Travel and Tourism			



GOAL 1: MOVE PEOPLE AND GOODS

Objectives

1-1: Maintain Infrastructure

1-2: Provide Transportation Options

1-3: Manage Roadway Congestion

1-4: Improve Transit, Auto, and Truck Travel Time
Reliability/Consistency

1-5: Improve Transportation Accessibility for All Users

1-6: Improve Safety and Security for All System Users

1-7: Increase Transit Ridership

1-8: Shorten Project Delivery



GOAL 2: CREATE JOBS

Objectives

2-1: Maintain or Reduce Average Travel Time to Major Economic Centers of the Urban Area

2-2: Support Smart Growth and Transit Oriented Development

2-3: Support Efficient Transportation Investments

2-4: Maximize Private Investments in Transportation Service Provision

2-5: Fund and Support the Implementation of Multimodal Transportation Projects



GOAL 3: STRENGTHEN COMMUNITIES

Objectives

3-1: Improve Transportation Accessibility for All Users

3-2: Strive for the Equitable Distribution of Transportation Benefits and Costs

3-3: Improve Safety and Security for All System Users

3-4: Reduce Pollutants Generated by Transit, Auto, and Truck Travel

3-5: Promote Resiliency in Response to Climate and Weather Related Events

3-6: Distinguish Quality of Life Considerations by Community

3-7: Consider the Financial Burden on Communities that May Result from Transportation Investments



Scenario Planning

SCENARIOS & OUTCOME

Trend

- Continues recent trends in growth & transportation investments

Compact Development

- Aggressively pursue high-density development, infill, & redevelopment within key corridors

Technology

- Aggressively pursue advancing & emerging transportation technology integration

Resiliency

- Aggressively respond to sea level rise, severe weather events, and other forces

Community Vision

- Integrate individual community and agency visions

Regional
Partner
Coordination

Hybrid Scenario

Regional
Policy
Scenarios

TREND SCENARIO

- Continues recent trends in growth & transportation investments



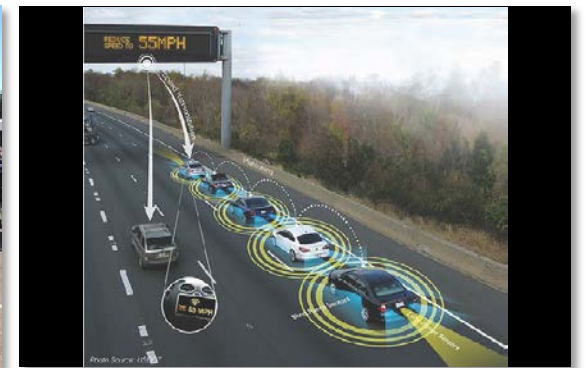
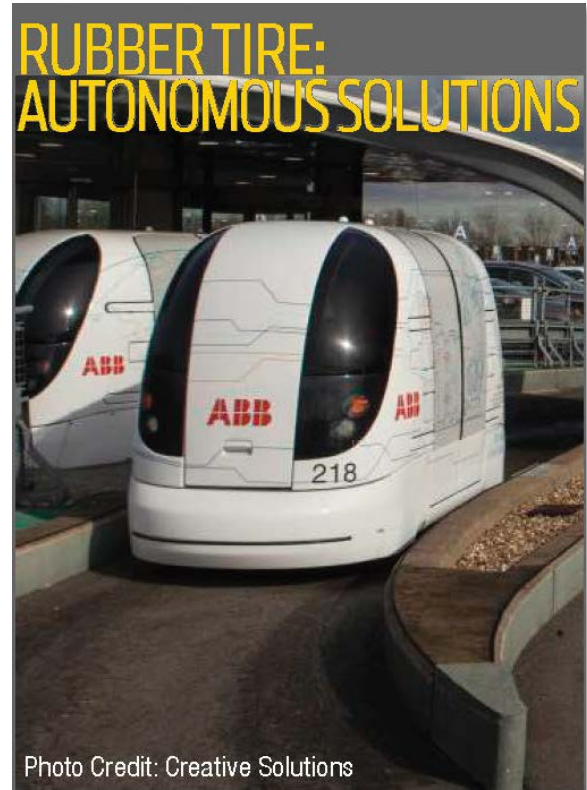
COMPACT DEVELOPMENT SCENARIO

- Aggressively pursue high-density development, infill, & redevelopment within key corridors



TECHNOLOGY SCENARIO

- Aggressively pursue advancing & emerging transportation technology integration



TRANSIT SIGNAL PRIORITY

UP TO **15%** REDUCTION IN BUS TRAVEL TIMES

**FEWER RED LIGHTS
FEWER DELAYS**

SAVES FUEL

400 SIGNALIZED INTERSECTIONS IN MULTIPLE JURISDICTIONS

100 MILES OF ROADWAY

13 PRIORITY CORRIDORS

1 REGIONAL TSP SYSTEM

Transit Signal Priority (TSP) utilizes existing vehicle location and wireless communication technologies to advance or extend green times at signalized intersections. When a TSP-equipped bus is late, it automatically requests extra green time so it can proceed through the intersection. The result: reduced delays at traffic signals, and increased service reliability and travel speeds for bus riders.

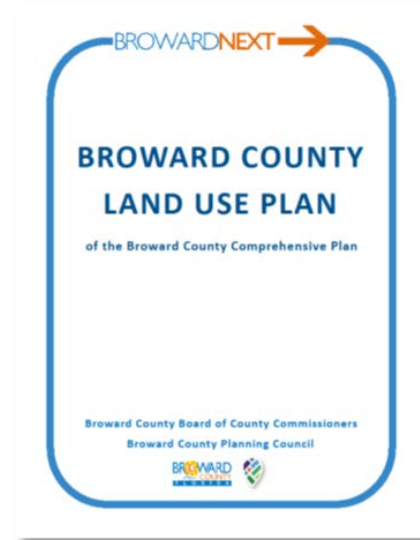
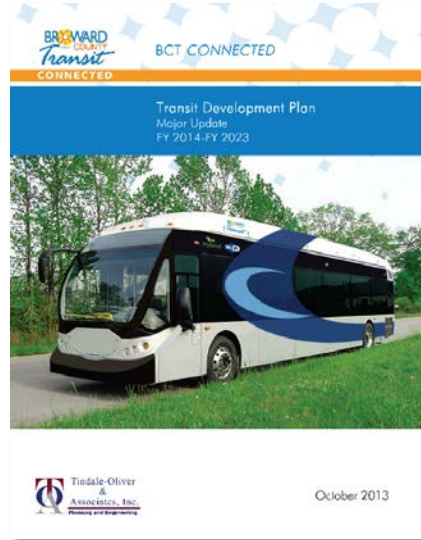
RESILIENCY SCENARIO

- Aggressively respond to sea level rise, severe weather events, and other forces



COMMUNITY VISION SCENARIO

- Integrate individual community and agency visions



BROWARD MPO CALL FOR PROJECTS
Metropolitan Transportation Plan

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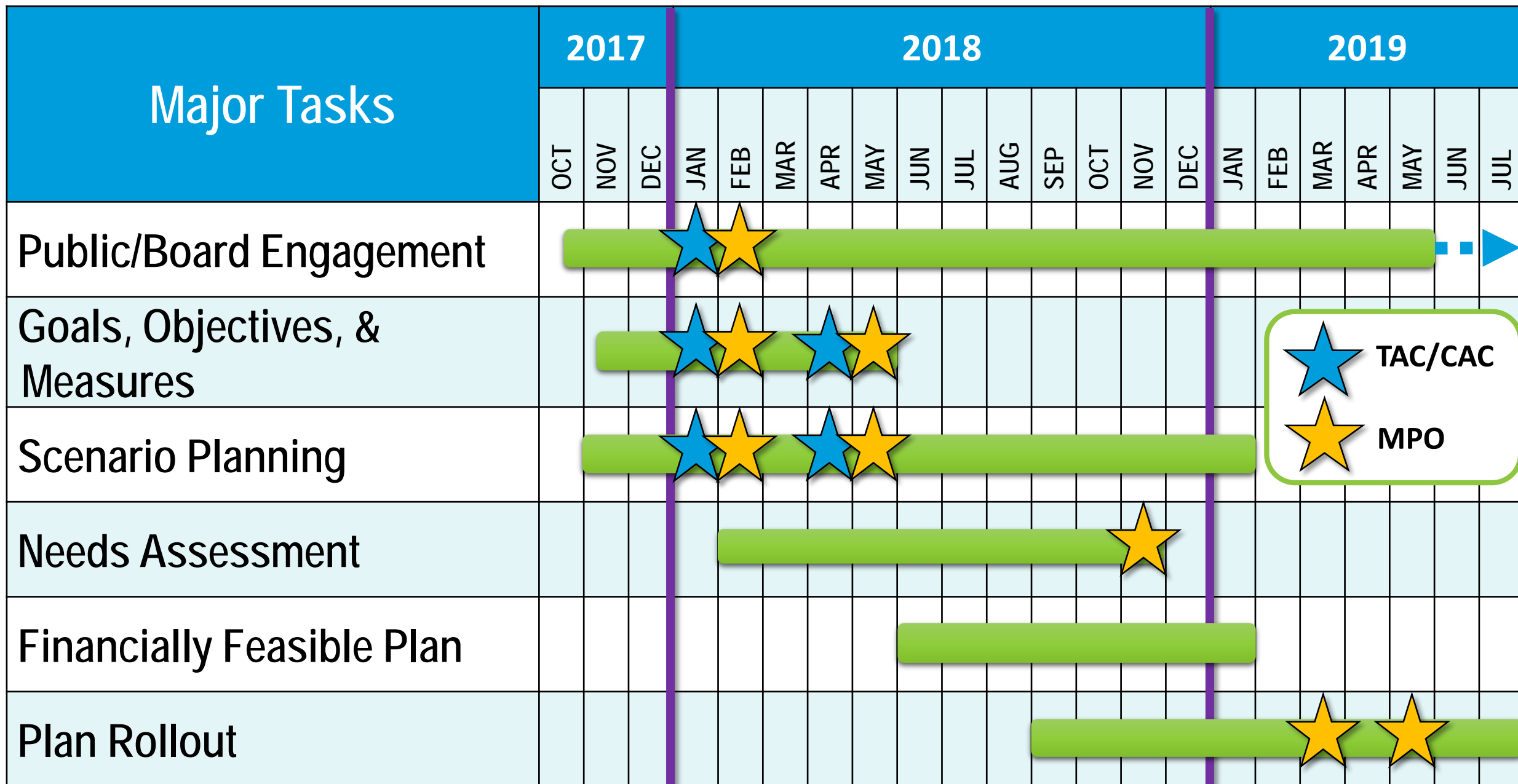
Federal law requires the Broward MPO (and MPO's across the country) to update their Metropolitan Transportation Plan every five years. Commitment 2040, the current MTP, was adopted by the Board in December 2014. Work on Commitment 2045, the update of Commitment 2040, began in December 2017 and will be complete in 2019 with adoption of the final plan by the Broward MPO. Projects included as part of Commitment 2045 can be programmed in as little as six years, depending on funding availability.

For more information or to schedule a meeting contact Peter Gies at:
 Email: giesp@browardmpo.org
 Call: (954) 876-0048

Broward MPO
Metropolitan Planning Organization

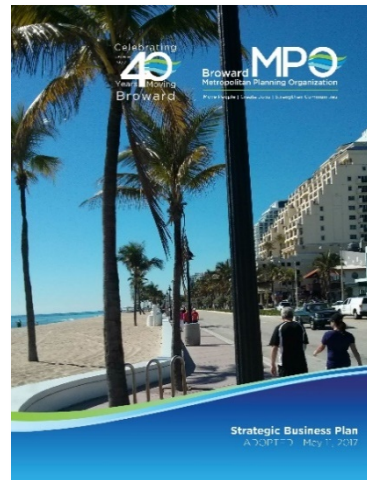
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DRAFT COMMITMENT 2045 SCHEDULE



NEXT STEPS/ NEAR-TERM PRIORITIES

- Performance Measures
- Growth Projections
- Scenario Planning
- Municipal/Agency Partner Meetings
- Needs Assessment



CONTACT INFORMATION



Peter Gies, AICP
MPO Project Manager
(954) 876-0048
giesp@browardmpo.org



Bill Ball, AICP
Consultant Project Manager
(813) 224-8862
bball@tindaleoliver.com



FDOT Pedestrian and Bike Expo

Presented by:

Alex Barr & Larry Wallace

FDOT Office of Modal Development

Welcome!
FDOT District 4

Bike and Ped Safety Team



**2ND ANNUAL
BIKE/PED SAFETY EXPO**

Bike / Ped Expo FDOT Flyer



Bicyclist & Pedestrian Safety Expo



SAVE THE DATE!

Thursday, March 1st

10:00 AM – 12:00 PM

District Office - Motor Pool Parking Lot

ALL FDOT EMPLOYEES ARE INVITED TO STOP BY
AND JOIN THE Bike & Ped Safety Team FOR THEIR
2nd Annual Bicyclist & Pedestrian Safety Expo.



Bike / Ped Expo Station Layout



Expo Stations - Welcome



Expo Stations - Welcome



Expo Stations



Expo Stations



Expo Stations



Expo Stations – Ped Pass App



Expo Stations – Ped Pass App



Expo Stations – 595 Express Bus



Expo Stations – 595 Express Bus



Expo Stations – BCT



Expo Stations – SFRTA



Expo Stations – ADA Crosswalk Awareness



Expo Stations – ADA Crosswalk Awareness



Expo Stations – ADA Crosswalk Awareness



Expo Stations – ADA Crosswalk Awareness



Larry's Crosswalk
Awareness Station =
14,162 steps!



Expo Stations – Rail Safety



Expo Stations – Rail Safety



Expo Stations – B-Cycle



Expo Stations – B-Cycle



Expo Stations – B-Cycle



Expo Stations – B-Cycle



Stacy Miller (FDOT D4 Acting Secretary) and
Howard Webb (FDOT D4 Director of Operations)



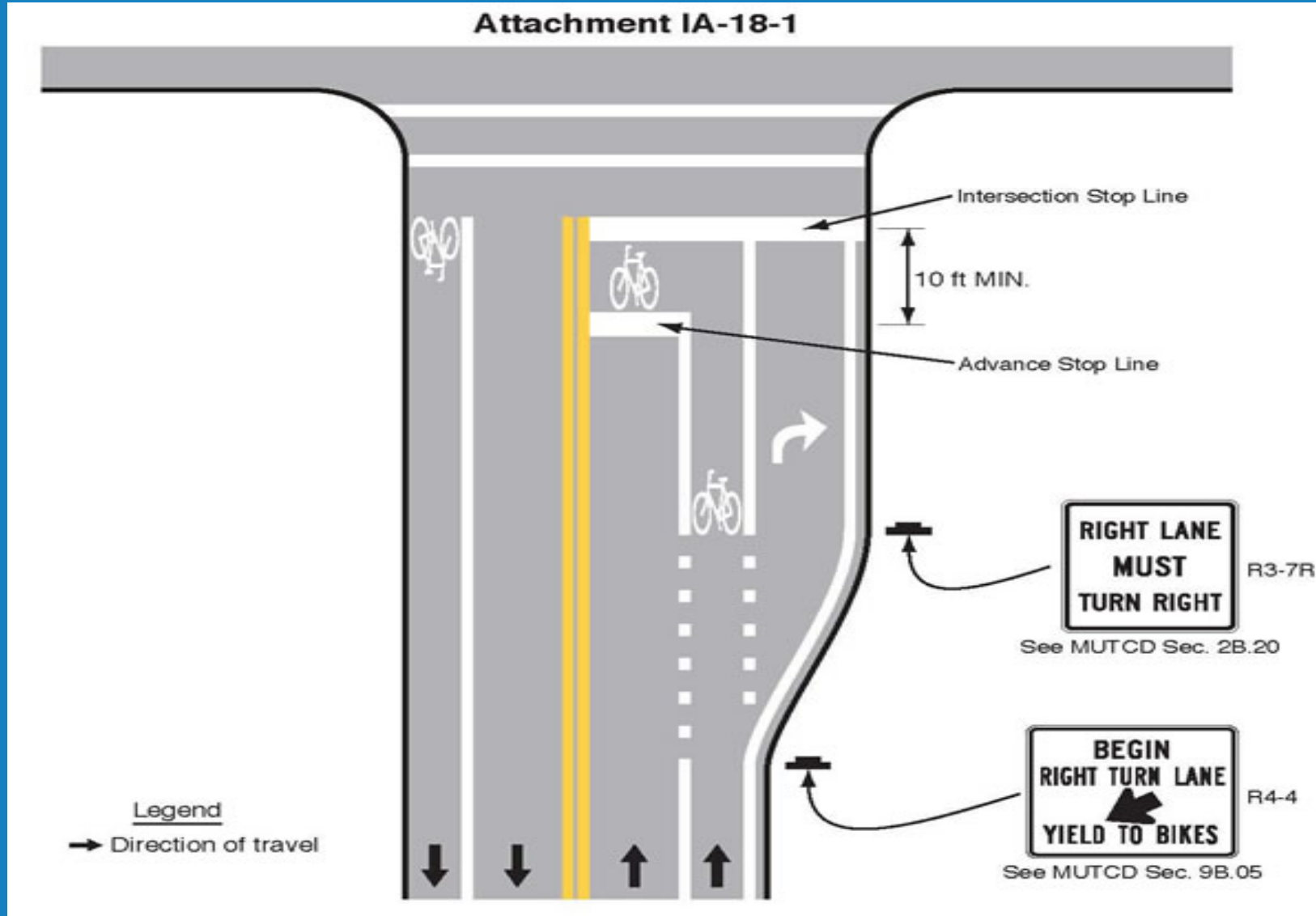
Expo Stations – B-Cycle



Bike Box



Expo Stations – MUTCD Bike Box



Bike Box



Expo Stations – What is a Bike Box?

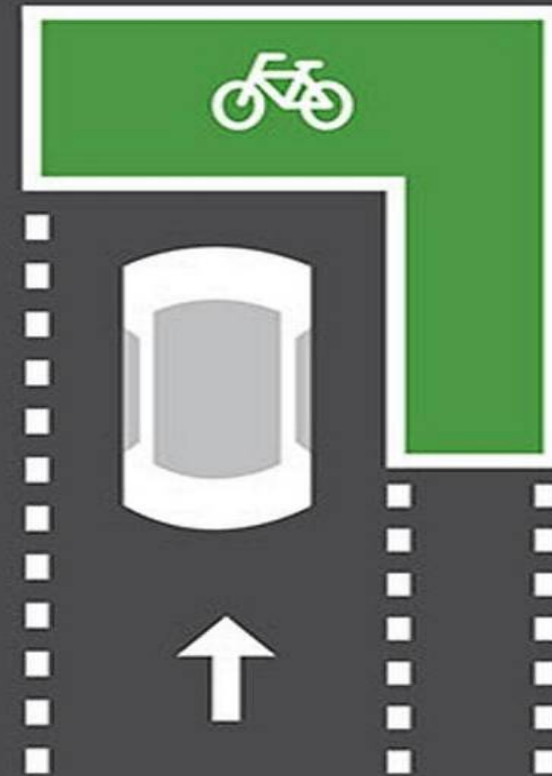


WHAT IS A **BIKE BOX**?



It's a painted green space on the road with a white bicycle symbol inside.

Bicyclists wait in the green box ahead of traffic. Motorists stop behind the box. This makes bikes more visible and predictable to drivers.



Bike Box



Expo Stations – B-Cycle



Bike Route



Expo Stations – B-Cycle



Bike Route



Expo Stations – Bike Maintenance



Expo Stations – Bike Maintenance



BIKE MAINTENANCE

Learn tips for maintaining your bike and fixing common problems. Get advice on the proper fit for bicycle helmets.



Expo Stations – What does a CS look like?



Expo Stations – Context Classification System



Bike / Ped Safety Team – Group Photos



From Left to Right: Karen Kiselewski, Alex Barr, Janelle Wilcox, Carmen Blades, Tom Miller and Larry Wallace



Bike / Ped Safety Team – Group Photos



From Left to Right: Stewart Robertson, Larry Wallace, Karen Kiselewski, Alex Barr, Janelle Wilcox, Carmen Blades, Tom Miller, Newton Wilson, Tony Puccio, Lisa Juan, and Wibet Hay



Bike / Ped Safety Team – For the 3rd Annual Expo!



We will be renting Trump Bikes!





AARP Broward County Demographics

Presented by:

Ken Reinhardt

AARP Executive Council Member

The Aging of America

Population aging

- is unprecedented
- is pervasive (worldwide)
- is enduring
- has profound implications

<http://www.un.org/esa/population/publications/worldageing19502050/pdf/207unite.pdf>

Why is population aging happening?

- There are more older adults
- We're living longer
- Declining fertility rates

Elderly as a Percent of Total Population

Country	2000	2040
United States	16.3	21.7
Australia	16.6	30.1
Canada	17.0	33.3
United Kingdom	20.8	33.9
France	20.6	35.0
Netherlands	18.5	36.6
Belgium	22.2	36.1
Germany	23.5	37.4
Sweden	22.8	37.5
Japan	23.9	44.7
Spain	22.0	45.5
Italy	24.4	46.2

Implications of an aging population

Economic

- economic growth
- savings
- investment
- consumption
- labor markets
- pensions
- taxation
- safety nets

Political

- voting patterns
- representation

Societal

- health/health care
- family/living arrangements
- housing
- transportation
- migration

<http://www.un.org/esa/population/publications/worldageing19502050/pdf/207unite.pdf>

Projections of Population by Age for the United States: 2015 and 2040 (000)

<u>Age</u>	<u>2015</u>	<u>2040</u>	<u>%</u>
0-64	273,539	297,876	8.9%
65+	47,830	82,345	72.2%
% 65+	14.9%	21.7%	

<http://www.census.gov/population/projections/data/national/2014/summarytables.html>

Projections of Population by Age for Florida: 2015 and 2040 (000)

<u>Age</u>	<u>2015</u>	<u>2040</u>	<u>%</u>
0-64	16,080	19,546	21.6%
65+	3,734	6,706	79.5%
% 65+	18.8%	25.2%	

Projections of Population by Age for Broward County: 2015 and 2040

<u>Age</u>	<u>2015</u>	<u>2040</u>	<u>%</u>
0-64	1,544,702	1,628,662	5.4%
65+	282,665	529,418	87.3%
% 65+	15.5%	24.5%	

Bureau of Economic and Business Research
University of Florida, June 2016

Projections of Population by Age for Broward County: 2015 and 2040

<u>Age</u>	<u>2015</u>	<u>2040</u>	<u>%</u>
65-74	155,729	226,590	45.5
75-84	81,917	208,953	155.1
85+	45,019	93,875	108.5

65+ population for Broward County: 2015 and 2040

	<u>2015</u>	<u>2040</u>	<u>%</u>
Total 65+	282,665	529,418	87.3
Non-Hispanic white	176,487	220,089	24.7
Black	46,468	116,026	149.7
Hispanic	52,669	176,226	234.6

Bureau of Economic and Business Research
University of Florida, June 2016

U.S. Life Expectancy At Birth

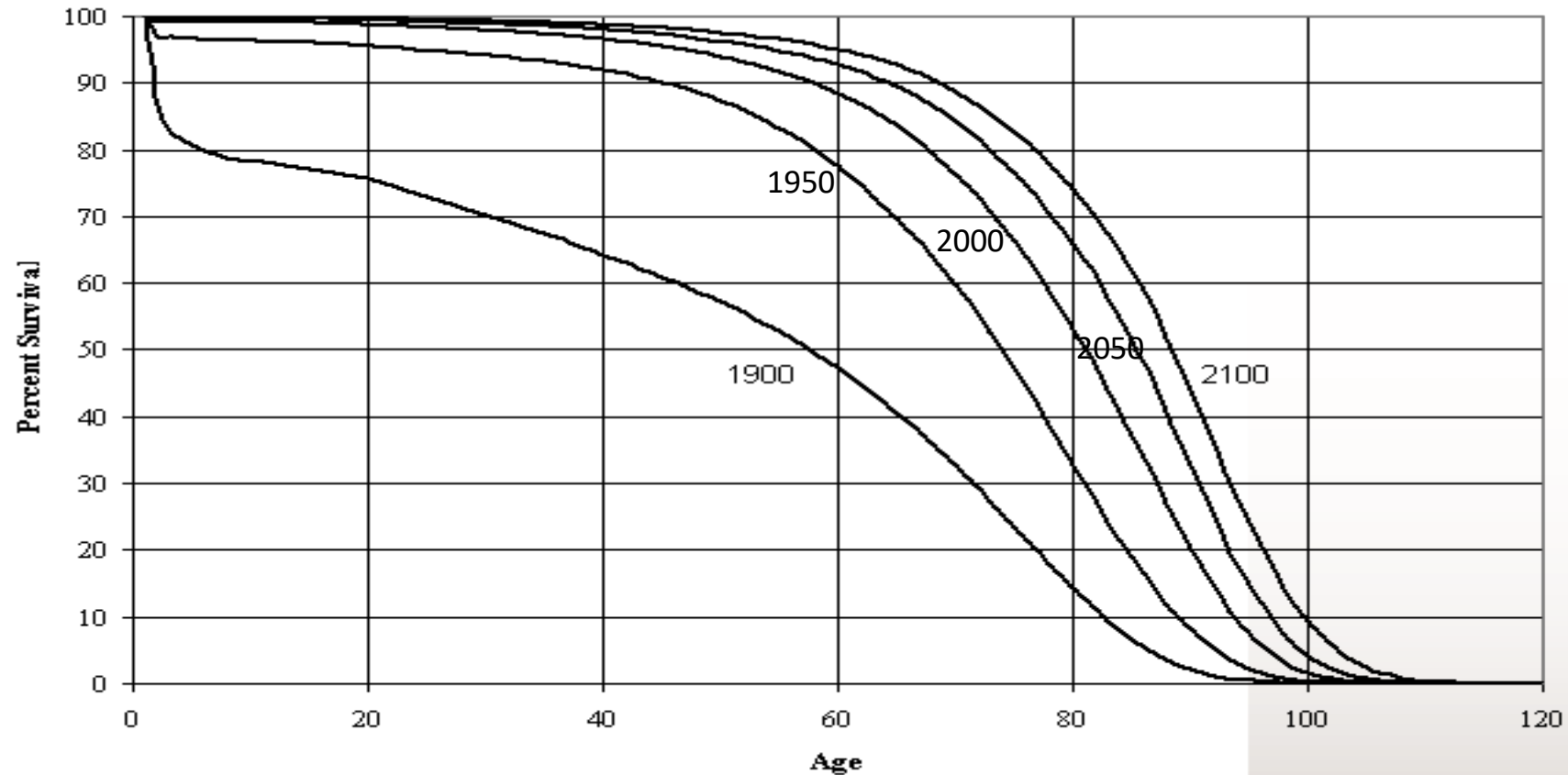
Year	Age
1900	47.3
1930	59.7
1960	69.7
1997	76.5
2007	77.9
2010	78.7
2030	80
2040	85

U.S. Life Expectancy - 2017

		All	Women
	Men		
At birth	78.7	81.0	76.2
At 65	82.7	84.1	77.9
At 75	87.2	87.9	86.0

OECD (2017), Life expectancy at 65 (indicator). doi: 10.1787/0e9a3f00-en
(Accessed on 20 August 2017)

Survival Function



https://www.ssa.gov/OACT/NOTES/as120/LifeTables_Body.html

Centenarians in the U.S.

1950
2,300

2010
131,000

2040
447,000

<https://www.census.gov/prod/99pubs/p23-199.pdf>

COMPLETED FERTILITY FOR WOMEN 40 - 44 YEARS OLD

Year	% Childless	Avg. # of Children	% Higher Order Births*	
1976		10.2%	3.1	59%
2014		15.3%	1.9	28%

Main reasons for decline in fertility

- The pill
- More women in workforce
- Economic conditions

*Three or more Children

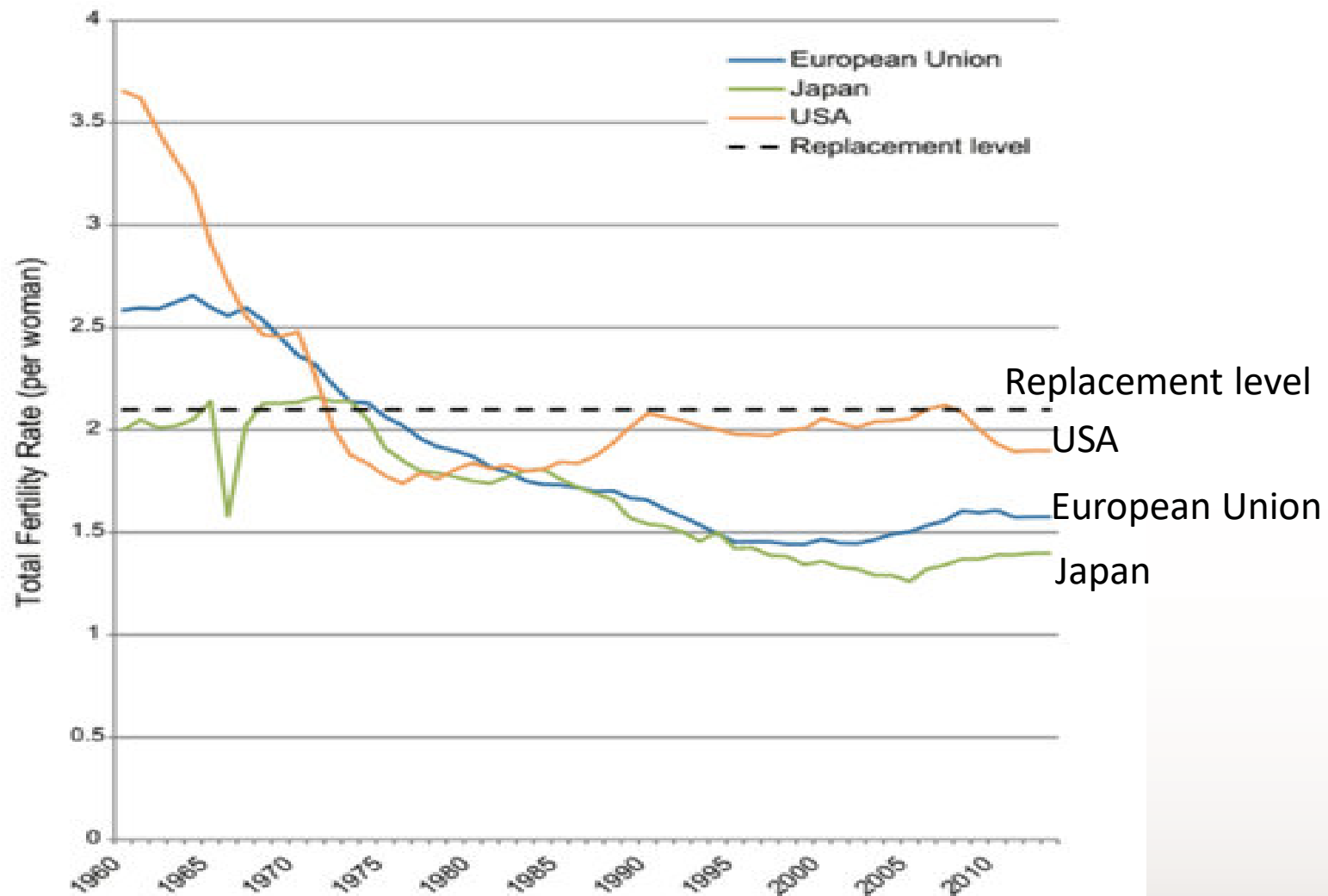


FIGURE 1. Total Fertility Rates (TFR), European Union, Japan and United States, 1960–2013. Dotted line represents a fertility rate of 2.1, below which a population cannot be sustained. From the World Bank: <http://databank.worldbank.org/data/views/variableselection/selectvariables.aspx?source=world-development-indicators>.

1. Outdoor Spaces
and Buildings

2. Transportation

3. Housing

4. Social
Participation

The **AARP** Network of Age-Friendly Communities

and work within

The 8 Domains of Livability

help communities become great for people of all ages

5. Respect and
Social Inclusion

6. Civic Participation
and Employment

7. Communication
and Information

8. Community
and Health Services

In a Livable Community, people of all ages can...

Go for a walk

Cross the street

Live safely and comfortably

Get around without a car

Enjoy public places

Spend time outdoors

Ride a bike

Go shopping

Buy healthy foods

socialize

Work or volunteer

Access the services they need

...rapidly growing commitment

		2/1/17	4/30/18
World	communities	309	541
	countries	33	37
	people	123 M	179 M
US	communities	137	218
	people	60 M	67 M
Florida	communities	13	18

World Health Organization's Age-Friendly Network

18 cities in Florida

- Sarasota County (2/15)
- Tallahassee (6/15)
- Winter Haven (10/15)
- Cutler Bay (3/16)
- **Hallandale Beach (5/16)**
- St Petersburg (6/16)
- Pinecrest (7/16)
- Miami-Dade County (11/16)
- **Hollywood (12/16)**
- **Ft Lauderdale (12/16)**
- Lakeland (12/16)
- Longwood (12/16)
- Satellite Beach (12/16)
- Pinellas County (1/17)
- **Pembroke Pines (3/17)**
- Palmetto Bay (3/17)
- Dunedin (1/18)
- **Wilton Manors (4/18)**

Transportation

- **We will outlive our ability to drive by 8 years**
- Need for public transportation*
- Safety – Complete Streets*
- Uber, Lyft, autonomous vehicles*

*Applicable to all ages

Housing

Aging in place - 90% want to stay put

Suitability

Universal design*

HomeFit

Near local destinations*

Manageable maintenance and repair*

Smaller*

Mixed use*

Affordable*

For those moving into a neighborhood*

For existing residents*

*Applicable to all ages

Engagement

Serious health risks of chronic isolation associated with aging

- Research has equated chronic isolation with smoking 15 cigarettes a day.
- Greater health hazard than obesity

- Leads to
 - depression
 - poor nutrition
 - high blood pressure
 - onset of disabilities
 - higher use of medications
 - early entry into ALFs, nursing homes

<http://www.campaigntoendloneliness.org/threat-to-health/>

Engagement

Antidotes

- Social inclusion
- Volunteering
- Civic engagement
- Continuing education
- Communication/information
- Intergenerational opportunities



PEOPLE WANT LIVABLE COMMUNITIES



Boomers and **Millennials** have similar preferences for walkable, mixed-use neighborhoods.

72%

54%

Want to be near shops, restaurants and offices

62%

49%

Would move into a smaller home for a shorter commute

42%

59%

Prefer to live where there's a mix of homes

52%

55%

Want public transportation options

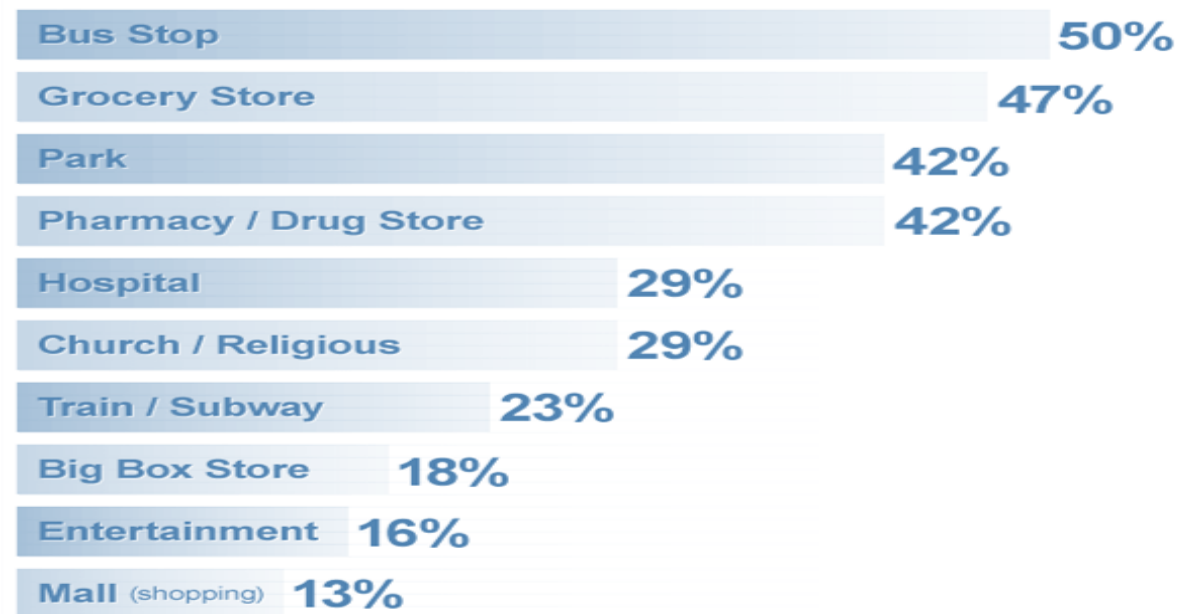
80%

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.”

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

What's good for an 80 year old is good for an 8 year old (and everyone in between!)

- adapted from 8 80 cities and Gil Penalosa

What we do we do for all

- Dr Ethel Percy Andrus

AARP founder

MEMBER UPDATES



THANK YOU!

- Any Final Questions?
- Next CSAC Meeting – July 9, 2018
- 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

