COAST TO COAST CONNECTOR TRAILS IN VOLUSIA COUNTY

BPAC Meeting

October 8, 2014

Overview

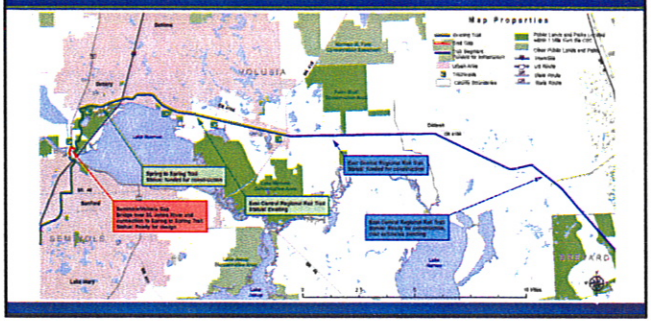
In the River to Sea TPO planning area, the Coast to Coast Connector consists of the East Central Regional Rail Trail connecting Brevard and Volusia Counties (51 miles) and the Spring to Spring Trail connecting Volusia and Seminole Counties (15 miles).

Existing Conditions

What has been built and can be highlighted as a success?

- Spring to Spring Trail
  - Lake Monroe Park to Green Springs Park (6.7 miles)
- East Central Regional Rail Trail
  - Green Springs Park to SR 415 (7.1 miles)

Status of Coast to Coast Trails in Volusia County



Projected Trail Alignment in Lake Monroe Park

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Regional Connectivity

What are the issues and opportunities for regional connectivity?

- Regional Trails Corridor Assessment
- Coast to Coast Trail Extension (Edgewater to New Smyrna Beach)
- SunRail Connection
- Public Awareness and Information
- Funding

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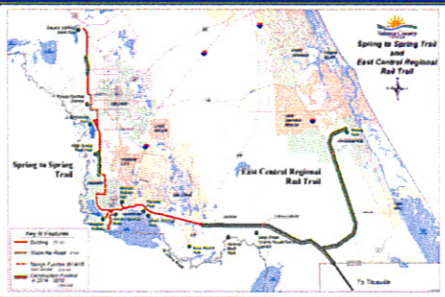
Regional Trails Corridor Assessment

- Coast to Coast Trail
- East Coast Greenway
- Heart of Florida Trail
- St. Johns River to Sea Loop

Project Purpose

- Complete the regional trails network in the R2CTPO planning area
- Advance the Florida Greenways and Trails System Plan
- Finalize alignments and connections
- Develop conceptual plans and cost estimates for all gap segments to compete for funding

Coast to Coast Trail Extension



SunRail Connection

Utility Easement between SunRail Station and Spring to Spring Trail

Public Awareness and Information

Volusia County Trails App

Ghyabi & Associates

2040 Long Range Transportation Plan

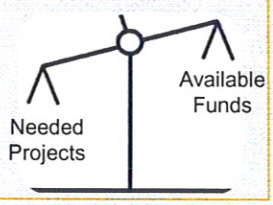
for River to Sea Transportation Planning Organization

October 8, 2014

Bicycle/Pedestrian Advisory Committee (BPAC)

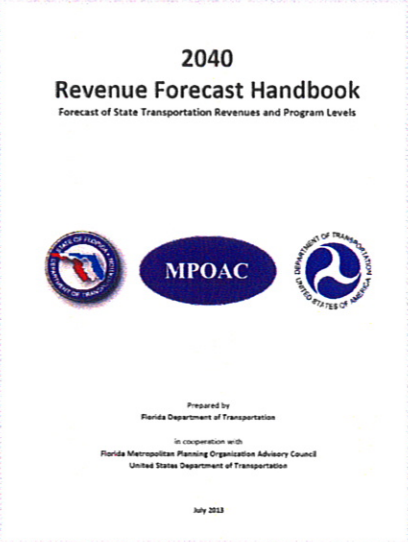
2040 Long Range Plan

- 25-Year Planning Horizon
- Update LRTP every 5 years
- Identify needed major improvements
- Determine those that are "**cost feasible**" (i.e., highest priority for expected funds)
- Preserve and maintain prior investments
- Transportation Improvement Program (TIP) must be fully funded

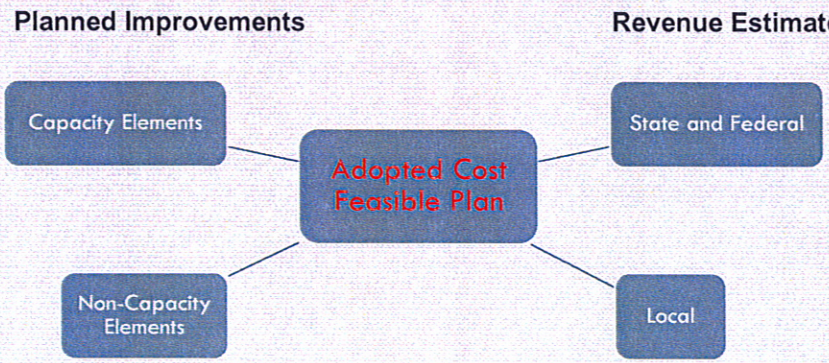


Methodology

Revenue Forecasts were calculated in accordance with the...



Revenue Forecasting Process



Capacity Programs

"Statewide"

- SIS Highways Construction & ROW
- Statewide Public Transportation Programs (Aviation, Rail, Intermodal, Seaport Development)

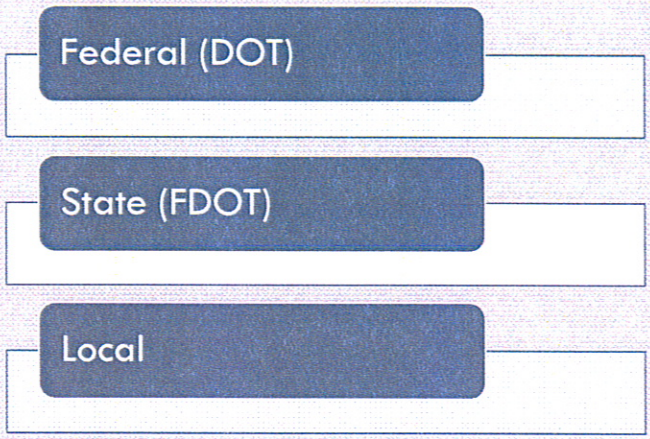
Other

- Other Arterials Construction & ROW
- Transit

Non-Capacity Programs

- Safety
- Resurfacing
- Bridge
- Product Support (planning and engineering)
- Operations and Maintenance
- Administration

Sources of Revenue



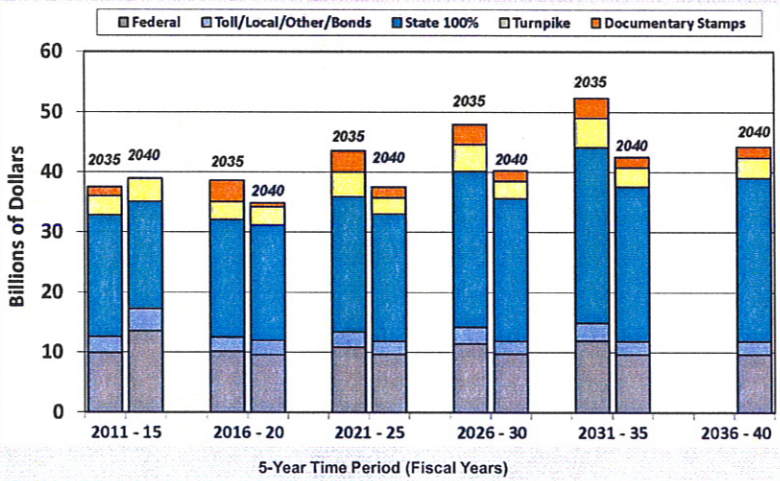
Federal Revenue Sources

- **Federal Highway Trust Fund (Highways and Transit)**
  - Primary source – motor fuel tax (gasoline, diesel, special fuels, CNG)
  - Miscellaneous – tires, new tractor/trailer purchases, etc.
  - Most Highways and Transit funds allocated to states via complex funding formulas in Federal Authorization Acts

State Revenue Sources

- Taxes and Fees
  - Highway fuel-related
  - Vehicle-related
  - Tourism-related
- Tolls/Turnpike (bond sales, tolls and concession revenues)
- Growth Management Funding (Doc Stamps)
- Federal Aid

Statewide Revenue Forecast 2040 vs. 2035



Source: 2040 Revenue Forecast and Guidance, FDOT, Statewide Workshop, August 21, 2013

Projected State & Federal Revenues ($ Millions)

Capacity Programs	2019-2020	2021-2025	2026-2030	2031-2040	Total 2019-2040
SIS Highway Construction & ROW	200.7	-	557.4	428.7	1,186.7
Arterial Construction & ROW	45.6	101.9	96.3	210.8	454.6
Transit	22.2	57.3	60.2	126.2	265.9
Total Capacity Program	268.4	159.2	713.9	765.7	1,907.2
TMA Funds	9.4	23.6	23.6	47.2	103.7

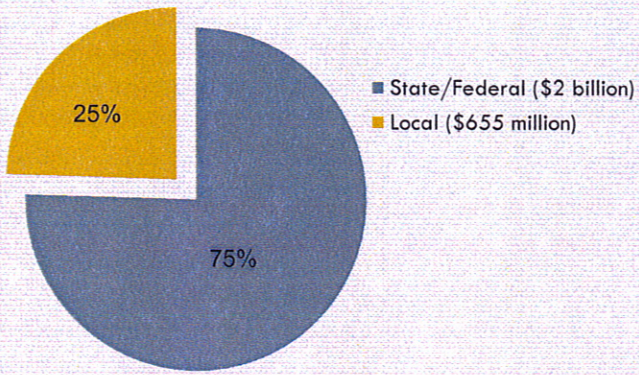
Source: *FDOT 2040 Forecast of State and Federal Revenues for Statewide and Metropolitan Plans;* March 2014

Local Revenue Sources

- Local Option Gas Tax
- Impact Fees

Local Sources Include...		
Volusia County	City of Palm Coast	Flagler County

2040 Revenue Forecast (Estimated)



Potential Revenues Sources

- **Local Option Sales Tax (1-cent limit for infrastructure)**
  - Volusia County has none implemented
  - Flagler County has ½ cent option
  - Palm Coast shares in Flagler County local option sales tax
- **Mobility Fee**
  - Charge on new development for impacts on transportation facilities
  - Sensitive to vehicle or person miles traveled
  - Fund multimodal transportation improvements
- **Miles Driven Fee**
  - Keyed to amount of vehicle travel rather than fuel consumption
- **Rental Car Surtax**
  - A surcharge of $2.00 per day for the lease or rental in Florida of a for hire passenger motor vehicle.
  - Revenues generated would not be a significant revenue source for transportation infrastructure funding.

Questions?

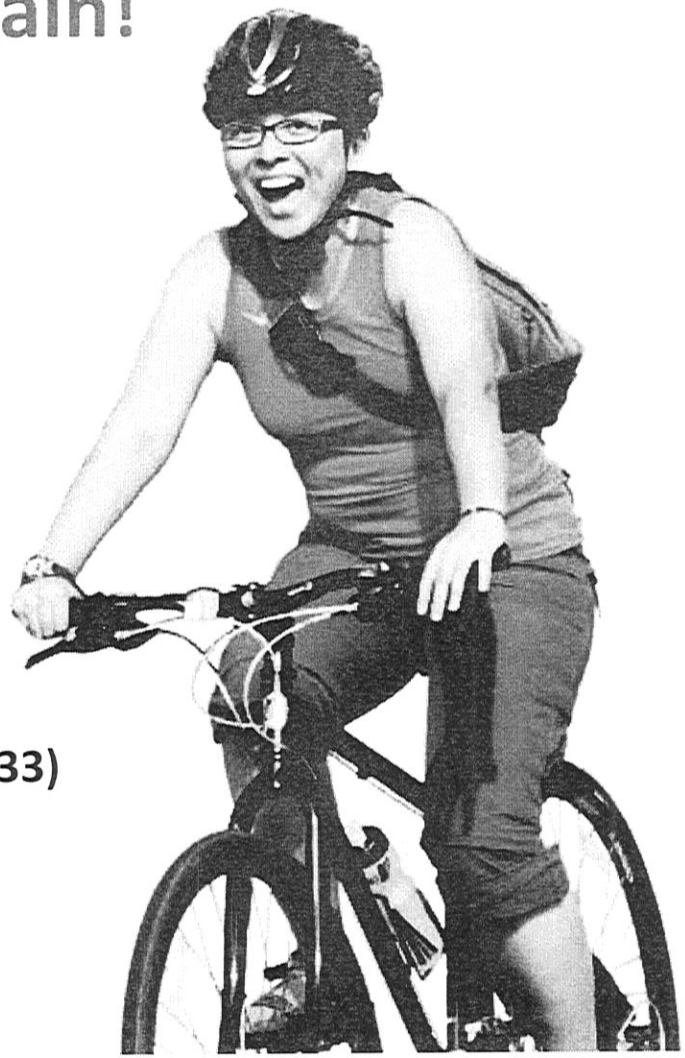
Ghyabi & Associates

Thank You

CyclingSavvy Lite

EMPOWERMENT FOR UNLIMITED TRAVEL

Learn to love riding your bike again!



Friday, October 10, 2014
First session **@ 12:00 p.m.**
Second session **@ 1:00 p.m.**
Willie Miller Instructional Center Auditorium (IC 101)
Embry Riddle Aeronautical University

Cycling Savvy Lite is a "mini-course" that focuses on laws, tactics and techniques for effective traffic cycling. This one-hour course is **FREE** and does not require you to have a bicycle.

To RSVP or for more information, call 1-866-610-RIDE (7433) or email Courtney@reThinkYourCommute.com.

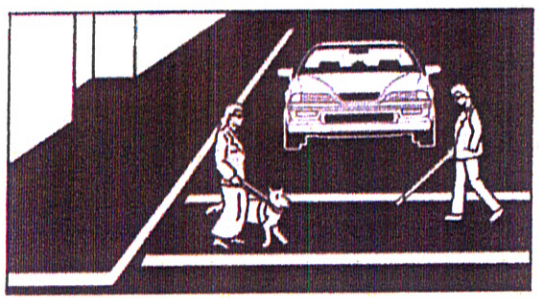
reThink

American Bicycling Education ASSOCIATION

Mobility-Impaired Persons

Drivers must yield the right-of-way to mobility-impaired persons and pedestrians utilizing the assistance of a guide dog or service animal. When a pedestrian is crossing a public street or highway and the pedestrian is using a walker, a crutch, or an orthopedic cane or wheelchair, **vehicles must come to a complete stop.**

FS 316.1303



LOCAL CONSUMER GROUPS

Halifax Council of the Blind / Florida Council of the Blind www.fcb.org 386-253-4313

National Federation of the Blind of Florida/ Greater Daytona Beach Chapter http://www.nfbflorida.org 386-689-5300 888-282-5972

disAbility Solutions for Independent Living, Inc. www.dsil.org 386.255.1812 TTY: 386.252.6222

Handicapped Adults of Volusia County 386-265-2519

Blinded Veterans Association Florida Regional Group www.bvafrg.org 941-505-7747

ADDITIONAL RESOURCES

Daytona Beach Mayor's Alliance for People with Disabilities goodmanb@codb.us 386-671-8203

Lions Club of Florida http://lionsofflorida.org

Project Insight, a referral source sponsored by Florida Council of the Blind 1-800-26-SIGHT (1-800-267-4448) projectinsight@fcb.org

Division of Blind Services
http://dbs.myflorida.com/
http://www.myflorida.com/dbs/about-us/contact.php

Bureau of Braille & Talking Books Library www.myflorida.com/dbs/library 800-226-6075 386-239-6000 (TTY): 711

Daytona Beach Division of Blind Services
District Office (386) 254-3800 (800) 329-3801
Rehabilitation Center for the Blind and Visually Impaired 386-258-4444 800-741-3826

Center for the Visually Impaired
www.cvicentralflorida.org (386) 253-8879
(800) 227-1284

Conklin Centers for the Blind
www.conklincenter.org (386) 258-3441

for

WHITE CANE LAW

FS 316.1301, 316.1303

Drivers MUST STOP For Pedestrians with a white cane, guide dog or mobility aid.

Persons Who are Blind

The primary traveling aids for a person who is blind are often a white cane or a trained guide dog. Independent travel involves some risk that can be greatly reduced when you, the driver, are aware of the use and meaning of a white cane or guide dog.

Drivers must always yield the right-of-way to persons who are blind. When a pedestrian is crossing a street or highway guided by a dog or carrying a white cane (or a white cane with a red tip), **vehicles must come to a complete stop.**

FS 316.1301

http://www.lowestpricetrafficschool.com/handbooks/driver/en/3/7/q=white+cane

Drivers

The driver of a vehicle at an intersection that has a traffic control signal [and/or] at any crosswalk where signage so indicates shall stop before entering the crosswalk and remain stopped to allow a pedestrian, with a permitted signal, to cross a roadway when the pedestrian is in the crosswalk or steps into the crosswalk and is upon the half of the roadway upon which the vehicle is traveling or when the pedestrian is approaching so closely from the opposite half of the roadway as to be in danger.

Bicyclists, skaters and skateboarders in a crosswalk or driveway are considered pedestrians. Turning motorists must stop for pedestrians at intersections and driveways, even when the crosswalk is not marked, as these are also legal crosswalks.

Bicyclists have the same rights to the roadways, and must obey the same traffic laws as the drivers...

http://www.leg.state.fl.us/Statutes/index.cfm?App_mode=Display_Statute&URL=0300-0399/0316/0316.html

http://www.lowestpricetrafficschool.com/handbooks/driver/en/3/6

http://floridabicycle.org/bicycle-traffic-law/#sthash.hHDVmOra.dpuf

Safety Rules for Pedestrians

Look to the left, right and left for traffic before stepping off any curb.

Crosswalks at intersections may be marked or unmarked. Crossing is preferred at intersections or designated crosswalks in the middle of a block. However, pedestrians may cross at other locations if not between adjacent signalized intersections but are required to yield to other traffic.

Cross with the green light, "WALK" or "walking man" symbol. Make sure you have enough time to cross. Many locations in Florida have "count-down" pedestrian signals. These indicate the time remaining for the crossing.

While walking along a highway, always walk on the shoulder on the left side, facing traffic. Wear reflective and light colored clothing or use a flashlight to make you more visible to drivers at night.

http://www.lowestpricetrafficschool.com/handbooks/driver/en/3/6