

Bicycle/Pedestrian Advisory Committee (BPAC)
Meeting Minutes
April 13, 2022

Members Physically Present:

Terry Lodge
Ted Wendler, Vice Chairperson
Paul Eik
Larry Coletti
Bob Storke
Nic Mostert
Gayle Belin
Andrew Dodzik
Mark Oebbecke
Maggie Ardito
Roy Walters
Jason Aufdenberg, Chairperson
John Cotton (non-voting)

Members Virtually Present:

Luis Leal
Patrick McCallister
Nancy Epps
Tim Grigsby
Chris Daun

Non-Voting Technical Appointees Virtually Present:

Gwen Perney
Stephanie Moss (non-voting)

Members/Technical Appointees Absent:

Doug Hall (excused)
Adam Mengel
Tom Ryan
Christy Gillis (excused)
Nancy Burgess-Hall (excused)
Rob Brinson
Melissa Winsett (excused)

Others Physically Present:

Stephan Harris
Colleen Nicoulin

Others Virtually Present:

Debbie Stewart, Recording Secretary
Pam Blankenship
Richard Hamilton
Martin Catalá
Victoria Perk
Beth Beam

Representing:

DeBary
DeLand
Flagler Beach
Flagler County
Orange City
New Smyrna Beach
Ormond Beach
Palm Coast Alternate
Ponce Inlet
Volusia County District 1
Volusia County At-Large
Volusia County At-Large Alternate
Votran

Representing:

Deltona
Lake Helen
Ponce Inlet Alternate
Volusia County, District 4
Volusia County Council Chair

Representing:

Port Orange
FDOT

Representing:

Daytona Beach Alternate
Flagler County
Holly Hill
South Daytona
Volusia County, District 2
Volusia County School Board
Volusia County

Representing:

TPO Staff
TPO Staff

Representing:

TPO Staff
TPO Staff
Citizen
Center for Urban Transportation Research (CUTR)
Center for Urban Transportation Research (CUTR)
Stantec

I. Call to Order / Roll Call / Determination of Quorum / Pledge of Allegiance

The meeting of the River to Sea Transportation Planning Organization (TPO) Bicycle/Pedestrian Advisory Committee (BPAC) was called to order at 2:00 p.m. by Chairperson Jason Aufdenberg. The roll was called and it was determined that a quorum was physically present. Due to the COVID-19 virus, the meeting was held in a hybrid format with 11

voting and two non-voting members physically present; and five voting and two non-voting members virtually present.

Chairperson Aufdenberg stated the members participating virtually are doing so as a result of social distancing restrictions associated with COVID-19. Rulings from the Florida Attorney General require that the members physically present vote to allow virtual participation due to "extraordinary circumstances".

MOTION: *A motion was made by Mr. Eik to allow members attending virtually to participate and vote. The motion was seconded by Mr. Wendler and carried unanimously.*

The Pledge of Allegiance was given.

II. Public Comment/Participation

There were no public comments.

III. Action Items

A. Review and Recommend Approval of March 9, 2022 BPAC Meeting Minutes

MOTION: *A motion was made by Mr. Storke approve the March 9, 2022 BPAC meeting minutes. The motion was seconded by Mr. Coletti and carried unanimously.*

B. Review and Recommend Approval of Resolution 2022-## Adopting the River to Sea TPO Title VI Plan

Ms. Blankenship stated a presentation was given last month on the River to Sea TPO's Title VI Plan; no comments have been received and no changes have been made since last month. The public comment period is open until April 27, 2022 when the TPO Board will take action on the document.

MOTION: *A motion was made by Ms. Belin to recommend approval of Resolution 2022-## adopting the River to Sea TPO Title VI Plan. The motion was seconded by Mr. Mostert and carried unanimously.*

C. Review and Recommend Approval of Resolution 2022-## Adopting the River to Sea TPO Limited English Proficiency (LEP) Plan

Ms. Blankenship stated a presentation was given last month on the River to Sea TPO's Limited English Proficiency (LEP) Plan; there have been a couple of changes since then. The data in Tables 1 and 2 were updated to the most current and just released data from the 2016-2020 American Community Survey; she explained the data was changed from the top five languages spoken at home to the LEP household data in Volusia and Flagler Counties. The grammatically incorrect sentence below the tables was also updated.

Ms. Belin asked if the TPO was surprised by the huge difference in the numbers.

Ms. Blankenship explain the LEP used to reflect the top five languages spoken at home but now the data reflects the LEP speaking households; therefore, it is a different statistic. LEP persons that speak Spanish was 2.7%; now LEP households in Volusia County are 10%. There is a large percentage of LEP households in Volusia County, especially in Deltona, Pierson, and Northwest Volusia County.

Mr. Lodge asked if the BPAC is being asked to approve a plan or are they acknowledging that the TPO will adjust the way it does things because there are LEP households in the planning area that need to understand transportation.

Ms. Blankenship explained the LEP Plan ensures that the TPO provides outreach and is aware that there are Spanish and Indo-European language speaking persons and that we may need a translator at certain events; the TPO tries to make all services, programs and processes available to everyone. She explained a four-factor

analysis was conducted to assess the frequency the TPO would come in contact with LEP individuals and the services deemed to be required; transcribed in Spanish are the bicycle/pedestrian safety video, the Tell the TPO survey, and the TPO's website has Google translate. Table 1 references data for Volusia County and Table 2 is for Flagler County; Flagler County has a higher percentage of Indo-European speaking persons than Spanish speaking. It was asked why Spanish was not considered to be an Indo-European language; Ms. Blankenship will look into that.

MOTION: *A motion was made by Mr. Wendler to recommend approval of Resolution 2022-## adopting the River to Sea TPO Limited English Proficiency (LEP) Plan. The motion was seconded by Mr. Lodge and carried unanimously.*

IV. Presentation and Discussion Items

A. Presentation and Discussion of Updates to the Florida Greenways and Trails System (FGTS) Plan and Maps

Mr. Harris gave a PowerPoint presentation of proposed updates to the Florida Greenways and Trails System (FGTS) Plan and maps; he explained the FGTS is made up of existing, planned and conceptual trails and ecological greenways that form a connected, integrated statewide network. He reviewed the history of the plan and the schedule for the update for 2023 to 2027. They are currently in the period of accepting comments from the public and the stakeholders through May 31, 2022.

Ms. Ardito asked if the BPAC has a consolidated group of comments or if it is individual comments.

Mr. Harris replied that preferably the BPAC would agree on comments and approve a motion accepting those comments to recommend to the TPO Board. Individual comments could be included in that. He continued with the presentation and explained the Office of Greenways and Trails (OGT) has a number of maps but the maps we are concerned with are those type of trails on the TPO's priority list; Land Trails Opportunity Maps and Priority Trails Maps. TPO staff is suggesting three revisions; to upgrade the Palm Coast to Bulow Trail and the SR 40 Trail Corridor from current opportunity trail corridors to priority trail corridors. He gave the trail limits for both trail corridors and noted that SR 40 is currently undergoing a widening and the plan is to build the trail within the FDOT right-of-way of the widened road.

Ms. Belin asked if impact fees are being used for the widening and if the trail will be away from the roadway.

Mr. Harris replied he did not know if impact fees are being used; and yes, the trail will be separated from the roadway.

Members discussed the alignment, limits and safety of the trails; it was noted that if a trail is funded with SUN Trail money there is a requirement that it be a separated shared use path from the roadway. It was asked if there is a prioritization process other than through SUN Trail; if a trail is a Tier 1 trail such as the Coast to Coast Trail and the St. Johns River to Sea Loop Trail. These trails connect to the St. Johns River to Sea Loop Trail. The SUN Trail network runs along US 1 and they try to stay within a half-mile east and west of US 1. Mr. Harris explained for several years there has been interest in connecting the SUN Trail corridor to the ocean; a PD&E study was conducted a few years ago that examined the New Smyrna Beach area but closed out with it being a no-build area and there was not a consensus on a local preferred alternative. A new PD&E study will begin in the upcoming fiscal year beginning July 1, 2022; Volusia County has envisioned a connection that would go from the SUN Trail network utilizing the North Causeway east to Peninsula Drive and ending at Grayce K. Barck Beach Park in New Smyrna Beach where there are sidewalks to access the ocean. This recommended alignment is being proposed to add as an opportunity corridor. The TPO is asking for feedback today; this will also be presented to the other advisory committees and TPO Board and be back next month for action on a recommendation to the TPO Board to submit to the OGT before the comment period closes.

Members discussed the proposed revisions in detail including the text of the system plan. Mr. Harris requested member comments be provided to him in an email.

Mr. Daun asked if the TPO is allowed to propose four revisions to the plan and maps; he would like to propose a motion adding an opportunity trail along the Halifax River from Ponce Inlet to the Casements in Ormond Beach.

Mr. Eik reminded members that this is a presentation and not an action item; he objects to a motion on this as it is not on the agenda.

Mr. Harris requested Mr. Daun send him the specific alignment he is asking for and noted he can include it as part of the action item next month. The FGTS Council will adopt a new plan for 2023 to 2027 in December and the hope is to have our proposed revisions included in that adoption. He noted that the OGT will be holding public workshops in the coming months and representatives will be present to answer questions from the public and stakeholders.

Discussion continued regarding the proposed revisions. Mr. Harris explained that the TPO's role is to make suggested changes to the plan and maps which the TPO Board will approve. In 2017, the TPO provided suggestions with a resolution that was sent to OGT; something similar will be done this time. If members have any comments on the draft plan, please let staff know.

B. Presentation and Discussion of the Current Status of the Flagler County Transit Development Plan (TDP) Major Update

Mr. Martin Catalá, Center for Urban Transportation Research (CUTR), introduced Ms. Victoria Perk to give the presentation.

Ms. Perk gave a PowerPoint presentation of the Flagler County Transit Development Plan (TDP) major update; the TDP is a local document with regional considerations that involves effective public engagement. They have looked at what is needed versus what is attainable to be achieved over the next several years. The TDP is a living document and will continue to evolve and incorporate new ideas and opportunities. One of the last steps in the development of the TDP update is to find potential transit alternatives for the area; those alternatives are divided into two categories; existing services and new services that may be viable in the county.

Mr. Catalá explained the most immediate need is to improve reservation lead time; it is currently at two weeks out. New software has been purchased with grant funds that will improve their scheduling and they want to implement online and mobile reservations. He reviewed the other targeted improvements that are geared to drive ridership up; expanding service hours and days of service, hiring more drivers, developing hiring and retention policies, etc. All of the improvements are contingent on securing additional federal funding (FTA Section 5307). The expansion of services is being proposed as a pilot project; FDOT offers three-year grants that could be used to support pilot projects. Same day service is being considered as a pilot project as is traditional and deviated fixed route service. Another mode being considered for a pilot project is on-demand service; it could be a partnership with services such as Lyft or Uber. These are the improvements that will be included in the TDP.

Members provided comments regarding the proposed improvements; the purchase of new vehicles was discussed and available grant programs to fund them. It was explained that electric vehicles are not being considered at this time as Flagler County Public Transportation does not have the maintenance capacity to manage different types of fleets. Electrification of vehicles would be a significant effort to prepare for. It was asked if the vehicles will have bike racks or the ability to carry other micro-mobility devices; the buses do have bike racks but have not moved towards the infrastructure required for micro-mobility devices.

Members continued to discuss various aspects of the draft TDP including staffing issues, services and the online reservation system; it was suggested to have the reservation system consider bikes and micro-mobility devices.

C. Presentation and Discussion of Updates to the Draft River to Sea TPO Public Participation Plan (PPP)

Ms. Blankenship explained the Public Participation Plan (PPP) outlines the strategies the TPO uses to ensure that the public is able to participate in the decision-making process in ways that are both meaningful and inclusive. In addition, the plan identifies how the TPO will promote and encourage public participation. She reviewed

some of the major updates to the PPP that are being proposed; TPO staff listing has been updated; the Twitter page and Microsoft Teams were added among which included updates to the quick reference tables; to change the public notices from five business days to seven days which is in line with what we currently provide and allows for holidays. The ongoing public participation strategies was also updated. The PPP goes out for public comment for 45 days on April 27, 2022 through June 10, 2022 and will be back for recommended approval in June.

Chairperson Aufdenberg recommended adding an acronym list for funding sources used in the TIP to the acronym section.

Ms. Nicoulin explained that the acronyms used in the TIP are different than those typically used in other documents because of those funding sources; if it is a TIP-specific funding source, it is listed as an appendix in the TIP. A draft TIP will be presented for review next month and those acronyms can be discussed then.

Mr. Lodge asked how often the PPP is updated and how an individual would communicate their ideas or comments regarding transportation to the TPO.

Ms. Blankenship replied the PPP has been typically updated every three years; however, the TPO is proposing to update it every two years. Comments can be made via phone, email or in person; staff will direct inquiries to the information they need or direct them to the right agency.

Chairperson Aufdenberg referred to page 9 of the PPP and noted the phrase “consists of elected officials” is in there twice; it seems redundant.

Ms. Blankenship replied she will look at that.

V. Staff Comments

→ Votran fare waiver for “Ride Free on Earth Day”

(Handout)

Mr. Cotton announced the Volusia County Council has approved everyone to ride fixed route and Flex service for free on Earth Day, Friday, April 22, 2022. Votran staff will be out on the buses that day to determine how many new riders versus regular riders there are; he asked for volunteers to assist with this and provided his email address, jcotton@volusia.org.

VI. Information Items

- BPAC Attendance Record
- TPO Board Report
- TPO Outreach and Activities

VII. BPAC Member Comments

Ms. Ardito announced more information regarding the Earth Day Trail Day on the A1A on the St. Johns River to Sea Loop Alliance website.

Mr. Coletti announced he will be riding from Palm Coast to Ponce Inlet on the upgraded trail corridor on Monday.

Chairperson Aufdenberg announced the latest version of his bike map now includes the sidewalk gaps on Peninsula Drive.

Mr. Oebbecke thanked Ms. Blankenship for attending the Community Day event in Ponce Inlet on April 2, 2022.

Ms. Ardito thanked Ms. Blankenship and Chairperson Aufdenberg for attending Trails Day in Flagler Beach.

Mr. Eik advised anyone riding along Moody Boulevard in Flagler Beach to go slowly so they can see the progress being made on the Graham Swamp Trail.

Mr. Walters referred to the Providence Boulevard Trail in Deltona which is sitting on top of a giant water project and is now underway; the idea is to pump 12 million gallons of water a day to send north as an alternate to non-potable water to water their lawns. The purpose is to install the pipes and put the trail on top of them; the project is underway.

Mr. Daun shared two videos of what is being proposed regarding SR A1A crosswalk safety at a public meeting tomorrow from 5:30 pm to 7:00 pm at the Shipley Center; the videos showed lights embedded into the crosswalks instead of rectangular, rapid flashing beacons (RRFBs). It is important to bicycle/pedestrians as we will not likely get an update to these state roads for another 20 years. He noted he emailed Mr. Harris the proposed map for a trail from Ponce Inlet to Granada Boulevard.

Chairperson Aufdenberg thanked TPO staff for coming to Embry Riddle Aeronautical University (ERAU) for the FDOT session regarding improvements on Clyde Morris Boulevard. He sent FDOT a long letter that they should not have painted bike lanes on that road due to the high traffic volume; he praised them for the leading pedestrian signals they have recently installed on Oakridge Boulevard but added that it needs protected bike lanes. He had other suggestions and was happy they listened; there will be a nice trail connecting Beville Road and International Speedway Boulevard (ISB).

VIII. Adjournment

The BPAC meeting adjourned at 4:00 p.m.

River to Sea Transportation Planning Organization


Dr. Jason Aufdenberg, Chairperson
Bicycle/Pedestrian Advisory Committee (BPAC)

CERTIFICATE:

The undersigned duly qualified and acting Recording Secretary of the River to Sea TPO certifies that the foregoing is a true and correct copy of the minutes of the April 13, 2022 regular meeting of the Bicycle/Pedestrian Advisory Committee (BPAC), approved and duly signed this 11th day of May 2022.



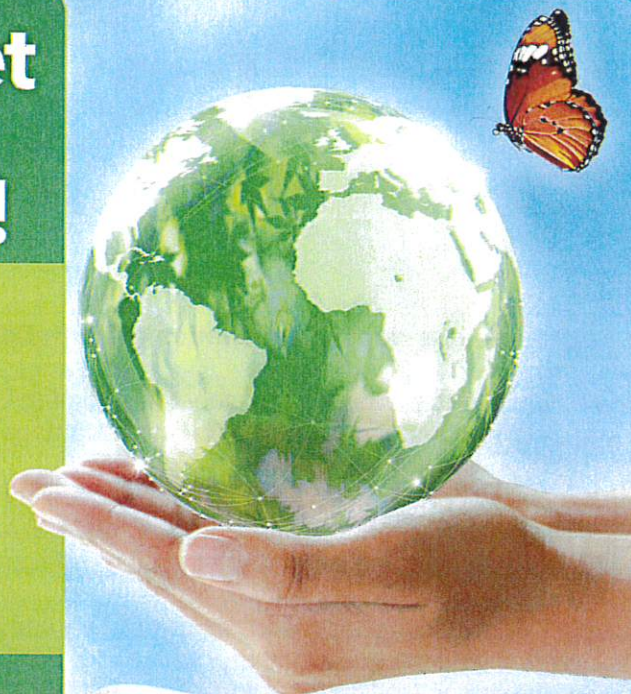
Debbie Stewart, Recording Secretary
River to Sea Transportation Planning Organization

**** A recording of the April 13, 2022 BPAC meeting is available upon request.**

**Give Your Wallet
and the
Planet a Break!**

**Celebrate
Earth Day,
Ride Votran
for FREE!**

Friday, April 22



A service of Volusia County Government

votran.org

Votran

We drive a great bargain



NEWS FOR IMMEDIATE RELEASE

April 5, 2022

Media contact: Heather Belden
Community Information Specialist
386-822-5062, ext. 12246

Votran offers free bus rides in celebration of Earth Day

Votran is committed to protecting the planet this coming Earth Day by offering free rides on Friday, April 22. Riders can *go green* and *save green* by taking advantage of this campaign on all fixed and FLEX routes.

"We are happy to offer a free ride this Earth Day, as a continued effort to remind residents of the beneficial services Votran has to offer," said Kelvin Miller, general manager of Votran. "This is a great way for people to ride Votran at no cost and experience the easy, efficient and sustainable way to travel."

The Volusia County Council approved the Earth Day campaign at the April 5 meeting. "We have to re-educate and re-invest in our community, and to me, Earth Day is a reminder of just that," said Volusia County Councilwoman Barbara Girtman. "We can't talk about environment and we can't talk about change if we are not willing to take the steps to do that."

Transportation is the largest source of carbon emissions in the United States, with passenger cars and light-duty trucks accounting for more than half of the emissions from this sector. Buses emit 80% less carbon monoxide than a car. Choosing to take public transit helps reduce pollution and relieves traffic, eases the wear and tear on personal vehicles, and offers a safe and relaxing solution to commuting overall.

For more information on Votran's services, visit Votran.org.

www.volusia.org

VOLUSIA COUNTY COUNCIL

JEFF BROWER
COUNTY CHAIR

BEN JOHNSON
AT-LARGE

BARB GIRTMAN
VICE CHAIR, DISTRICT 1

BILLIE WHEELER
DISTRICT 2

DANNY ROBINS
DISTRICT 3

HEATHER POST
DISTRICT 4

DR. FRED LOWRY
DISTRICT 5

TRANSPORTATION ACRONYMS & ABBREVIATIONS

Acronym	Description
3-C Process	Continuing, Cooperative, Comprehensive – Generally used to defining qualities of the metropolitan planning organization (MPO) planning process.
3-R	Restoration, Rehabilitation, and Resurfacing
4-R	3R plus Reconstruction
A	
AA	Alternative Analysis – A process for evaluating alternative methods to address transportation needs in a region.
AADT	Average Annual Daily Traffic – The total traffic for a year divided by 365.
AADTT	Average Annual Daily Truck Traffic
AASHTO	American Association of State Highway and Transportation Officials
ACCM	Advanced Construction Congestion Mitigation
ADA	Americans with Disabilities Act
ADT	Average Daily Traffic
AMPO	Association of Metropolitan Planning Organizations
APA	American Planning Association – National organization of professional planners; focus includes planning policy, lobbying and public information.
APS	Accessible Pedestrian Signal
APWA	American Public Works Association
ASCE	American Society of Civil Engineers
ATM	Advanced Traffic Management Systems
B	
B/C Ratio	Benefit/Cost Ratio – Benefit/Cost Ratio is used to compare the benefit versus the cost of proposed alternatives. For highway projects, benefits may include reduced fuel consumption, travel time, and air pollution; cost may include construction, right-of-way, and maintenance.
BEBR	Bureau of Economic and Business Research (University of Florida)
BLS	Bureau of Labor Statistics
BPAC	Bicycle/Pedestrian Advisory Committee
BFP	Bridge Formula Program
BRP	Bridge Rehab Funds (state)
BRT	Bus Rapid Transit
BTS	Bureau of Transportation Statistics
BTU	Beyond the Ultimate (I-4)

C

CAC	Citizens' Advisory Committee – Advisory committee utilized by most metropolitan planning organizations (MPOs) for citizen input into the transportation planning process.
CDD	Community Development District
CEI	Construction, Engineering and Inspection
CFMPOA	Central Florida Metropolitan Planning Organization Alliance
CFR	Code of Federal Regulations – Compilation of the rules of the executive department and agencies of the federal government.
CFRPM	Central Florida Regional Planning Model
CIE	Capital Improvements Element
CIP	Corridor Improvement Program
CMA	Critical Movement Analysis – For signalized intersections, CMA focuses on lane groups or movements which control signal requirements. CMA focuses on the identification and provision of capacity for such flows called critical movements. CMA is also used in capacity analysis.
CMAQ	Congestion Mitigation and Air Quality – A special provision of the Intermodal Surface Transportation Efficiency Act (ISTEA) that directs funds towards projects in Clean Air Act Non-Attainment areas for ozone and carbon monoxide.
CMP	Congestion Management Process
CMPWG	Congestion Management Process Working Group
CMS	Congestion Management System – A systematic process which provides information on transportation system performance and alternative strategies to alleviate congestion and enhance the mobility of persons and goods. A CMS includes methods to monitor and evaluate performance, identify alternative actions, access and implement cost-effective actions, and evaluate the effectiveness of implemented actions.
COOP	Continuity of Operations Plan
CRA	Community Redevelopment Agency
CSAP	Community Safety Action Plan
CST	Construction Project Phase
CTC	Community Transportation Coordinator – People contracted by the Transportation Disadvantaged Commission to provide complete, cost-effective and efficient transportation services to transportation disadvantaged (TD) persons.
CTE	City/County Traffic Engineer
CTST	Community Traffic Safety Teams
CUTR	Center for Urban Transportation and Research
CY	Calendar Year

D

DBE	Disadvantaged Business Enterprise
DCA	Department of Community Affairs – Now called the Department of Economic Opportunity
DDR	District Dedicated Revenue
DEIS	Draft Environmental Impact Statement

DEO	Department of Economic Opportunity
DEP	Department of Environmental Protection
DHSMV	Department of Highway Safety and Motor Vehicles
DIH	Designated In-House funds
DOT	Department of Transportation – Agency responsible for transportation at the local, state or federal level.
DRI	Developments of Regional Impact

E

EA	Environmental Assessment – A document that assesses an action that is not a categorical exclusion and does not clearly require the preparation of an environmental impact statement (EIS), or where the Federal Highway Administration believes an environmental assessment would assist in determining the need for an EIS.
EB	Equity Bonus funds
ECFRPC	East Central Florida Regional Planning Council
ECRRT	East Central Regional Rail Trail
EIS	Environmental Impact Statement
ENV	Environmental Phase
EPA	Environmental Protection Agency – A federal agency charged with protecting the natural resources in the nation.
ERAU	Embry-Riddle Aeronautical University
ETDM	Efficient Transportation Decision Making

F

FAA	Federal Aviation Association – A federal entity responsible for overseeing air commerce, air traffic control, noise abatement, and other related issues.
FAHP	Federal Aid Highway Program
FAST Act	Fixing America's Surface Transportation Act
FCARD	Flagler County Association for Responsible Development – A non-profit association of Central Florida professionals who work in all aspects of land development.
FCTD	Florida Commission for the Transportation Disadvantaged
FDEP	Federal Department of Environmental Protection
FDHSMV	Florida Department of Highway Safety and Motor Vehicles
FDOT	Florida Department of Transportation
FEC	Florida East Coast Railroad
FEMA	Federal Emergency Management Administration – Administers of the Federal Emergency Management Act.
FGTF	Florida Greenways and Trails Foundation
FHP	Florida Highway Patrol
FHWA	Federal Highway Administration

FPTA	Florida Public Transit Association
FR	Federal Register
FS	Florida Statutes
FSUTMS	Florida Standard Urban Transportation Modeling Structure
FTA	Federal Transit Administration – The FTA operates under the authority of the Federal Transit Act. The FTA was established as a component of the US Department of Transportation.
FTC	Florida Transportation Commission
FTE	Florida's Turnpike Enterprise
FTP	Florida Transportation Plan
FTP	File Transfer Protocol
FY	Fiscal Year

G

GIS	Geographic Information System
GPC	General Planning Consultant
GPS	Global Positioning System
GPS	General Planning Studies
GMSC	Growth Management Subcommittee

H

HAWK	High-Intensity Activated crossWalk
HOV	High Occupancy Vehicle – Vehicles having more than one occupant. Examples include carpools, vanpools, buses, and mini-buses. Transportation systems may encourage HOV use by having designated HOV lanes.
HSIP	Highway Safety Improvement Program
HSR	High Speed Rail – A railway system which can transport people or goods at speeds in excess of 125 miles per hour.
HSRC	Highway Safety Research Center
HTF	National Highway Trust Fund
HVE	High Visibility Enforcement

I

I/C	Interchange
ICAR	Intergovernmental Coordination and Review
IF	Impact Fees
IHS	Interstate Highway System
IJR	Interchange Justification Report
IMS	Intermodal Management System – Systematic process to improve the coordination in planning and

implementation of air, water, and land-based transportation facilities and services; required for transportation facilities connected to the National Highway System (NHS) as a part of ISTEA; must be in use by October 1, 1997; for non-NHS transportation facilities, the extent of an IMS is left to the discretion of state and local officials.

ISB International Speedway Boulevard

ISTEA Intermodal Surface Transportation Efficiency Act of 1991

ITE Institute of Transportation Engineers – An international society of professionals in transportation and traffic engineering; published Trip Generation (a manual of trip generation rates by land use type).

ITS Intelligent Transportation Systems – program that endeavors to provide a safe transportation system that ensures the mobility of people and goods, enhances economic prosperity, and preserves the quality of our environment and communities.

J

JPA Joint Participation Agreement – Legal instrument describing intergovernmental tasks to be accomplished and/or funds to be paid between government agencies. (Contract)

L

LAP Local Agency Program

LEP Limited English Proficiency

LI Local Initiatives

LIDAR Light Detection and Ranging

LOGT Local Option Gas Tax

LOPP List of Priority Projects

LOS Level of Service – A qualitative assessment of a road's operating condition; generally described using a scale of A (little congestion) to E/F (severe congestion).

L RTP Long Range Transportation Plan – A 20-year forecast plan required of state planning agencies and MPOs; must consider a wide range of social, environmental, energy, and economic factors in determining overall regional goals and consider how transportation can best meet these goals.

LRT Light Rail Transit

M

MAP-21 Moving Ahead for Progress in the 21st Century – Current Federal Transportation Bill adopted July 2012.

MOT Maintenance of Traffic

MOU Memorandum of Understanding

MPA Metropolitan Planning Area – The geographic area within which the metropolitan transportation planning process is carried out.

MPOAC Metropolitan Planning Organization Advisory Council – An advisory council (consisting of one member from each MPO) that serves as the principal forum for collective policy discussion in urban areas; created by law to assist the MPOs in carrying out the urbanized area transportation planning process.

MSA Metropolitan Statistical Area

N

NEPA	National Environmental Policy Act - Federal law passed in 1969 which requires an analysis of environmental impacts of federal actions (including the funding of projects).
NAAQS	National Ambient Air Quality Standards
NHFP	National Highway Freight Program
NHPP	National Highway Performance Program
NHS	National Highway System – The NHS is one of the three major components of the 1991 Intermodal Surface Transportation Efficiency Act. A major new Federal-Aid system was established in the NHS. It includes the Interstate System, other routes identified as having strategic defense characteristics, routes providing access to major ports, airports, public transportation and intermodal transportation facilities, and many principal urban and rural arterials which provide regional service.
NHTSA	National Highway Traffic Safety Administration
NOAA	National Oceanic and Atmospheric Administration
NTS	National Transportation System – An intermodal system consisting of all forms of transportation in a unified, interconnected manner to reduce energy consumptions and air pollution while promoting economic development and supporting the Nation's preeminent position in international commerce. The NTS includes the National Highway System, public transportation and access to ports and airports.
NTSB	National Transportation Safety Board

O

OA	Obligational Authority
OGT	Office of Greenways & Trails
OPP	Office of Policy & Planning
OTED	Office of Tourism, Trade & Economic Development

P

P&R	Park and Ride
PAS	Principal Arterial System
PD&E	Project Development and Environmental Study
PE	Preliminary Engineering
PIP/PPP	Public Involvement/Participation Plan
PL	Planning Funds
PRSC	Project Review Subcommittee
PSA	Public Service Announcement
PSAP	Pedestrian Safety Action Plan

Q

QAC Quality Assurance Committee

R

RHCP Railway-Highway Crossings Program

RFP Request for Proposal

RFQ Request for Qualifications

RITSA Regional Intelligent Transportation System Architecture

RMLO Records Management Liaison Office

ROW Right of Way - The land (usually a strip) acquired for or devoted to transportation purposes.

RPC Regional Planning Council - A multipurpose organization composed of representatives of local governments and appointed representatives from the geographic area covered by the council, and designated as the primary organization to address problems and plan solutions that are of greater than local concern or scope.

RRFB Rectangular Rapid Flashing Beacon

RTCA Regional Trails Corridor Assessment

S

SAFETEA-LU The "Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users" -

Federal Transportation Bill that was adopted in August 2005; Replaced in July 2012 by MAP-21.

SE Surface Enhancement funds

SCE Socio-cultural Effects

SHS State Highway System

SIS Strategic Intermodal System

SJRWMD St. Johns River Water Management District

SOV Single Occupancy Vehicle

SRTS Safe Routes To School

STBGP Surface Transportation Block Grant Program - A new block grant type program established as one of the three major components of the Intermodal Surface Transportation Efficiency Act to supplement the National Highway System (NHS). The STP may be used by states and localities for any roads, including NHS, that are not functionally classified as local or rural minor collectors. These roads are now collectively referred to as Federal-aid roads.

STIP Statewide Transportation Improvement Program

The official statewide, intermodal transportation plan that is developed through the statewide planning process.

STTF State Transportation Trust Fund

SU Urban Attributable Funding

SUN Trails Shared-use, nonmotorized Trails

T

TAC	Transportation Advisory Committee/Technical Advisory Committee
TAM	Transit Asset Management
TAP	Transportation Alternative Program
TAZ	Traffic or Travel Analysis Zone
TPO	Technical Coordinating Committee
TCEA	Transportation Concurrency Exception Area – A specific geographic area where transportation concurrency requirements do not apply; area must be designated in a local comprehensive plan.
TD	Transportation Disadvantaged – People who are unable to transport themselves or to purchase transportation due to disability, income status or age.
TDDG	Transit Development Design Guidelines
TDLCB	Transportation Disadvantaged Local Coordinating Board
TDM	Transportation Demand Management – Strategies to reduce peak period congestion which focus on managing travel demand; includes shifting solo drives to carpools or transit, staggered work hours, telecommuting and other similar concepts.
TDP	Transit Development Plan – A short term (5 years) plan that identifies the intended development of transit, including equipment purchase, system management and operation.
TDSP	Transit Disadvantaged Service Plan
TDTF	Transportation Disadvantaged Trust Fund
TTF	Transportation Trust Fund
TEA-21	Transportation Equity Act for the 21 st Century – Federal Transportation Law in effect from 1997-2005
TF	Transportation Fund
TIA	Transportation Impact Analysis
TIP	Transportation Improvement Program – The TIP is a staged, three-to-five-year prioritized program of transportation projects covering a metropolitan planning area which is consistent with the metropolitan transportation plan.
TMA	Transportation Management Area – An urbanized area with a population over 200,000 (as determined by the latest decennial census) or other area when TMA designation is requested by the Governor and the Metropolitan Planning Organization (MPO), and officially designated by the metropolitan planning area served by an MPO within which the TMA is located.
TOD	Transit-Oriented Development – A mixed use community or neighborhood designed to encourage transit use and pedestrian activity.
TPM	Transportation Performance Measures
TPO	Transportation Planning Organization – An association of local agencies established for mutual benefit to help coordinate planning and development activities within a metropolitan region. Establishment of the TPO is required by law in urban areas with populations over 50,000 if federal funds are to be used. The TPO is not a level of government. However, the TPO has “effective control” over transportation improvements within the area since a project must be a part of the TPO’s adopted plan in order to receive federal funding.
TPS	Transportation Planning Studies
TRIP	Transportation Regional Incentive Program
TSMO	Transportation Systems Management & Operations

U

UA	Urban Area
USACE	United States Army Corps of Engineers
US DOT	United States Department of Transportation
UPWP	Unified Planning Work Program – Official two-year budget of an MPO/TPO.
UZA	Census Urbanized Area

V

VCARD	Volusia County Association for Responsible Development – A non-profit association of Central Florida professionals who work in all aspects of land development.
VMT	Vehicle Miles Travelled

X

XU	Extra Urban: Funds attributable to urbanized areas over 200,000 population
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