WHEREAS, Florida Statutes 339.175; 23 U.S.C. 134; and 49 U.S.C. 5303 require that the urbanized area, as a condition to the receipt of federal capital or operating assistance, have a continuing, cooperative, and comprehensive transportation planning process that results in plans and programs consistent with the comprehensively planned development of the urbanized area; and

WHEREAS, pursuant to 23 U.S.C. 134, 49 U.S.C. 5303, 23 CFR 450.310, and Florida Statutes 339.175, the River to Sea Transportation Planning Organization (TPO) is the duly designated and constituted body responsible for carrying out the urban transportation planning and programming process for Volusia County and portions of Flagler County inclusive of the cities of Flagler Beach, Beverly Beach, and portions of Palm Coast and Bunnell; and

WHEREAS, 23 U.S.C. 450.316 requires that the River to Sea Transportation Planning Organization develop a Public Participation Plan that defines a process for engaging interested parties and for providing reasonable opportunities to be involved in the metropolitan transportation planning process of the River to Sea TPO; and

WHEREAS, the River to Sea Transportation Planning Organization has developed a Public Participation Plan that utilizes a variety of strategies that seek to improve awareness throughout the community of the role of the TPO as well as ensure opportunities for the public and interested parties to provide input; and

WHEREAS, the River to Sea Transportation Planning Organization develops and administers a public survey once every two years as part of this outreach effort.

NOW, THEREFORE, BE IT RESOLVED by the River to Sea TPO that the:

1. River to Sea TPO Board and advisory committees have reviewed and adopted the results of the 2018 Tell the TPO Survey Campaign Summary; and the

2. Chairperson of the River to Sea TPO (or her designee) is hereby authorized and directed to submit the 2018 Tell the TPO Survey Campaign Summary to the:
   a. Florida Department of Transportation;
   b. SunRail;
   c. reThink Your Commute;
   d. Votran; and
   e. Flagler County Public Transportation.
DONE AND RESOLVED at the regularly convened meeting of the River to Sea TPO held on the 22nd day of August 2018.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

[Signature]
DeBARY VICE MAYOR LITA HANDY-PETERS,
CHAIRPERSON, RIVER TO SEA TPO

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 a resolution, adopted at a legally convened meeting of the River to Sea TPO held on August 22, 2018.

ATTEST:

[Signature]
DEBBIE STEWART, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION
INTRODUCTION

The River to Sea Transportation Planning Organization (TPO) conducts the “Tell the TPO” Transportation Trends Survey to better understand the transportation preferences and priorities for the TPO’s planning area. The survey is completed every two years, and helps to provide insights to the TPO as they consider transportation policies and priorities. The initial survey was conducted in 2014, followed by one in 2016. This summary presents an overview of the results for the 2018 Survey.

The Tell the TPO Survey seeks to provide a broad understanding of the public’s awareness, perceptions, and priorities regarding transportation within the TPO region, and to identify trends of these results over the years. Additionally, it is intended to increase public awareness of the TPO and its transportation planning functions.

Specifically, the objectives are to:

- Understand the transportation wants needs, problems, and preferences of residents, the business community, elected officials, visitors, and other stakeholders.
- Increase public awareness of the TPO’s presence in the local area and expand branding of the organization.
- Engage interested and affected residents, businesses, and visitors in the TPO’s planning activities.
- Foster partnerships among the TPO partner agencies and community organizations.
- Build the contact databases of the TPO and its partner agencies, including: FDOT’s ReThink Your Commute, Votran, Flagler County Public Transportation, and SunRail.
METHODOLOGY

At the outset of the Survey development, a stakeholder group was identified to help with reviewing questions from previous efforts and recommending updates and/or new questions to be included in the 2018 Survey effort. The group included partner transportation agencies and key community stakeholders, including:

- East Central Florida Regional Planning Council (ECFRPC)
- Florida Department of Transportation – District 5
- FDOT ReThink Your Commute
- Flagler County
- Flagler County Public Transportation
- SunRail
- Volusia County Association for Responsible Development
- Volusia County
- Volusia County Roundtable of Elected Officials
- Votran

Lochner was commissioned to support TPO staff on this effort. The Project Team gathered input and direction from the TPO Board and its advisory committees – the Bicycle/Pedestrian Advisory Committee (BPAC), Citizens’ Advisory Committee (CAC), Technical Coordinating Committee (TCC), and Transportation Disadvantaged Local Coordinating Board (TDLCB) – prior to finalizing the Survey questions.

A majority of the 2018 questions were consistent with the previous two surveys in order to observe trends from year-to-year. There were, however, several adjustments made based upon coordination with the stakeholder group and the TPO Board and advisory committees, including minor revisions to several questions, and two previous questions were replaced with new questions to cover topical transportation issues that the TPO Board identified as critical during the survey development process. The adjustments also included the addition of a question to track how many respondents had previously taken the Tell the TPO Survey.

Based on the input received, the Project Team developed draft and final versions of the survey. The Survey was disseminated via a dedicated website at www.TelltheTPO.com in English and Spanish; publicized through various media outlets; posted and announced through partner agencies’ websites, newsletters, email blasts; and promoted at community events. It was predominantly accessed via the online/web version but printed copies were also distributed in English and Spanish through a number of agencies including the Volusia and Flagler County Libraries.

During the Survey, each of the board members, as well as members of the TPOs four standing committees were challenged to be “ambassadors” for the campaign, and to help promote it via their organizations’ communication channels and their personal networks. These “Ambassador Challenges” helped to increase awareness of the campaign throughout the process. The Tell the TPO Survey campaign formally ran from April 30, 2018 through June 30, 2018.
OUTREACH

Survey outreach featured partnerships with cities, government agencies, businesses, and community organizations which helped to make the www.TelltheTPO.com link widely available through various websites, newspaper, and media outlets. Some examples included:

- The TPO Board and advisory committee members served as Ambassadors to get the word out to their constituents and personal networks.
- Strategic in-person outreach was conducted at the following:
  - One Voice for Volusia (Coalition Meeting event)
  - Volusia County Farm Bureau weekly Farmer’s Market
  - City of Palm Coast Lunch & Learn Series Event
  - Daytona Beach Juneteenth Celebration
  - Bethune-Cookman University Equitable Development Conference
  - Oak Hill Community Festival
  - Volusia County League of Women Voters Judicial Forum
  - Volusia County’s Trails Day Celebration
  - Tourism Week Breakfast Event
- Cities, agencies, organizations and private citizens made the www.TelltheTPO.com link widely available via the web, newsletters and e-blasts.
- Social media and email blasts including more than 100 unique shares on Facebook and more than 40 unique shares on Twitter.
- Earned media included stories in more than 10 print and TV publications ranging from an article in News Daytona Beach to a TV spot airing on News-13.

RESPONSE

A total of 2,176 responses were collected and summarized as part of this effort – an increase of 900 responses (73%) over the 2016 survey. The results have been successful in providing an updated set of data to identify trends and patterns in public opinion on the region’s transportation system.

Out of the more than 2,100 respondents, over 35% provided additional answers in essay form to supplement the multiple choice questions. More than 57% of respondents were between age 41 and 65 and 21% of respondents were 65 or older. A summary of the respondent demographics are included on page 5 of this summary.

The map on page 5 illustrates the geographic distribution of the survey respondents by where they live. Compared to previous survey efforts, respondents came from a wider variety of geographic areas, reporting a total of 120 unique zip codes, compared to 84 zip codes in 2016 and 75 zip codes in 2014.
SUMMARY OF KEY FINDINGS

The 2018 Survey included nine transportation questions relating to how respondents move around the TPO region and their preferences for additional investment. Generally, the results of the Survey were consistent with the previous surveys conducted in 2014 and 2016.

Providing Travel Choices is a Priority
As in previous years, respondents indicated that providing transportation choices is important. Similar to the prior surveys, many respondents walk or bike regularly. The percentage of respondents who use transit held steady from 2016.

Uber is Here
The number of respondents who carpool and use SunRail regularly has decreased since 2016. These fluctuations may be attributable to the increased usage of alternative modes like Uber/Taxi, of which more than four (4) percent of respondents use regularly.

Investing in Safety and Convenience Will Make Travel Choices More Attractive
Respondents indicated that they would bike or walk more if additional high quality bicycling and pedestrian facilities are constructed, and that they would use buses and SunRail more if those services were made more convenient by expanding service hours or coverage. Most respondents felt more should be invested in improving walking conditions and transit service; and adding bike lanes and trails were among the highest funding priorities.

Improving Roadway Safety and Efficiency is Valued
Generally participants were satisfied with the existing roadway system. Respondents identified use of technology to improve operating conditions, and replacing aging infrastructure as the highest funding priorities.

Maintaining Good Operations along International Speedway Boulevard is a Priority
This year, a new question asked respondents to indicate which of the 10 highest crash locations within the TPO planning area were of greatest concern. Three of the top four locations are in Daytona Beach along International Speedway Boulevard. A map showing how respondents feel about the remaining seven locations is included on page 13.

The following pages include a summary of the findings. New and modified questions are marked as such and the results of the last survey are provided for reference.
1 WHAT FORMS OF TRANSPORTATION DO YOU USE REGULARLY (3 OR MORE TIMES PER WEEK)?

- **DRIVE ALONE**: 91% (+2%)
- **WALK**: 31% (-19%)
- **BIKE**: 17% (-11%)
- **CARPOOL**: 9% (-2%)
- **BUS**: 5% (+1%)
- **UBER/TAXI**: 4% (NEW ANSWER CHOICE)
- **SUNRAIL**: 2% (-1%)

*PERCENTAGE CHANGE FROM 2016 SURVEY*

2 IF YOU DO NOT WALK OR BICYCLE NOW, WHAT PREVENTS YOU FROM DOING SO?

- **DISTANCE TOO FAR/TAKES TOO LONG TO WALK OR BICYCLE**: 53% (+16%)
- **SAFETY CONCERNS**: 52% (+11%)
- **LACK OF PEDESTRIAN OR BIKE FACILITIES**: 34% (+3%)
- **I AM NOT COMFORTABLE WITH MY BICYCLE RIDING/WALKING ABILITY**: 8% (NEW ANSWER CHOICE)
- **I CAN'T WALK OR BICYCLE, NO MATTER HOW SIDEWALKS OR BICYCLE LANES ARE IMPROVED**: 5% (NEW ANSWER CHOICE)
- **I WON'T WALK OR RIDE A BICYCLE, EVEN IF BIKE/PED FACILITIES ARE IMPROVED**: 6% (-1%)

*PERCENTAGE CHANGE FROM 2016 SURVEY*
If you do not regularly use public transit buses, what improvements might make them a more attractive option for you?

- More convenient bus stops or routes: 38% (-7%)
- Faster or more direct bus service: 32% (-6%)
- I don't know enough about public bus service to make that choice: 31% (-1%)
- More frequent/expanded hours for bus service: 30% (-7%)
- I will not ride the bus, even with improvements: 20% (-12%)
- Lower fares: 8% (+1%)
- Cleaner buses: 9% (no change)
IF YOU DO NOT REGULARLY USE SUNRAIL, WHAT IMPROVEMENTS MIGHT MAKE IT A MORE ATTRACTION OPTION FOR YOU?

*PERCENTAGE CHANGE FROM 2016 SURVEY

- EXPAND SUNRAIL SERVICE BEYOND DELAND STATION: 55% (+5%)
- MORE FREQUENT/EXPANDED HOURS FOR SUNRAIL SERVICE: 43% (-7%)
- EXPAND SUNRAIL SERVICE TO DELAND STATION: 37% (+7%)
- MORE EFFECTIVE FEEDER BUS SERVICE: 17% (-6%)
- I WILL NOT RIDE SUNRAIL, EVEN WITH IMPROVEMENTS: 15% (-4%)
- MORE PARKING AT STATIONS: 7% (-3%)
- LOWER FARES: 11% (+2%)
5. WHAT IS YOUR OVERALL LEVEL OF SATISFACTION WITH THE CURRENT TRANSPORTATION FACILITIES IN VOLUSIA/FLAGLER COUNTIES?

*PERCENTAGE CHANGE FROM 2016 SURVEY

- **INTERSTATE HIGHWAYS**: 52% (−4%)
- **SIDEWALKS AND CROSSWALKS**: 51% (+9%)
- **MAJOR STREETS**: 50% (−3%)
- **LOCAL NEIGHBORHOOD STREETS**: 49% (+5%)
- **TRAIL SYSTEM**: 46% (−4%)
- **BICYCLE Lanes**: 32% (+1%)
- **PUBLIC TRANSIT SERVICE**: 18% (−6%)
- **PUBLIC TRANSIT SHELTERS/BENCHES**: 16% (−2%)

PERCENT OF RESPONDENTS THAT INDICATED "SOMewhat SATISFIED" OR "COMPLETELY SATISFIED"
## AS WE PRIORITIZE SPENDING ON TRANSPORTATION PROJECTS, SHOULD WE INVEST MORE, THE SAME, OR LESS ON THE FOLLOWING?

*PERCENTAGE CHANGE FROM 2016 SURVEY*

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Percentage</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Implementing technology to improve safety and efficiency of traffic operations</td>
<td>74%</td>
<td>9%</td>
</tr>
<tr>
<td>Improving roadway operations</td>
<td>73%</td>
<td>-7%</td>
</tr>
<tr>
<td>Improving walking conditions</td>
<td>67%</td>
<td>-22%</td>
</tr>
<tr>
<td>Improving/adding SunRail service</td>
<td>65%</td>
<td>+15%</td>
</tr>
<tr>
<td>Improving bicycling conditions</td>
<td>65%</td>
<td>3%</td>
</tr>
<tr>
<td>Improving/adding bus service</td>
<td>53%</td>
<td>+5%</td>
</tr>
</tbody>
</table>

PERCENTAGE OF RESPONDENTS THAT INDICATED TO SPEND “MORE” OR “MUCH MORE”
7 NEW TRANSPORTATION TECHNOLOGY IS IMPORTANT FOR WHICH OF THE FOLLOWING?

- Decreasing roadway crashes: 65% (65% - 10%)
- Improving the flow of vehicle traffic: 56% (56% - 19%)
- Providing safer intersections for pedestrians: 51% (51% new answer choice)
- Providing real-time information to drivers/transit riders/peDESTrians: 31% (31% - 22%)
- Helping transit vehicles arrive on time or have shorter travel times: 23% (23% - 22%)
- Reducing freight shipping travel times: 9% (9% - 17%)

8 TRANSPORTATION NEEDS EXCEED THE AMOUNT OF FUNDING AVAILABLE. WHICH TYPES OF TRANSPORTATION PROJECTS ARE YOUR HIGHEST PRIORITIES TO FUND WITH OUR LIMITED RESOURCES?

- Improve roadway safety: 46%
- Improve transit service: 37%
- Construct new bike lanes and trails/greenways: 28%
- Replace/upgrade aging facilities: 28%

- Construct new sidewalks/improve connectivity: 27%
- Implement new transportation technologies: 26%
- Widen existing roadways: 24%
- Improve street appearance: 19%
- Build new streets and roadways: 16%
- Install bicycle/peDESTrian-oriented signals: 14%
CRASH DATA SHOWS THE FOLLOWING INTERSECTIONS AS THE 10 HIGHEST CRASH LOCATIONS IN THE PLANNING AREA. WHICH OF THESE INTERSECTIONS CAUSE THE GREATEST CONCERN FOR YOU AS A DRIVER, BICYCLIST OR PEDESTRIAN?

<table>
<thead>
<tr>
<th></th>
<th>Intersection</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>International Speedway Boulevard @ Clyde Morris Boulevard</td>
<td>40%</td>
</tr>
<tr>
<td>B</td>
<td>Dunlawton Avenue @ South Nova Road</td>
<td>39%</td>
</tr>
<tr>
<td>C</td>
<td>International Speedway Boulevard @ Williamson Road</td>
<td>39%</td>
</tr>
<tr>
<td>D</td>
<td>International Speedway Boulevard @ Ridgewood Avenue</td>
<td>38%</td>
</tr>
<tr>
<td>E</td>
<td>South Clyde Morris Boulevard @ Dunlawton Avenue</td>
<td>24%</td>
</tr>
<tr>
<td>F</td>
<td>Granada Boulevard @ Nova Road</td>
<td>19%</td>
</tr>
<tr>
<td>G</td>
<td>Palm Coast Parkway @ Old Kings Road</td>
<td>14%</td>
</tr>
<tr>
<td>H</td>
<td>Granada Boulevard @ Williamson Boulevard</td>
<td>14%</td>
</tr>
<tr>
<td>I</td>
<td>Granada Boulevard @ North Yonge Street (US 1)</td>
<td>13%</td>
</tr>
<tr>
<td>J</td>
<td>Cypress Point Parkway @ Palm Coast Parkway/Boulder Rock Drive</td>
<td>12%</td>
</tr>
</tbody>
</table>