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Metropolitan Planning for Transportation

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Meeting of the Intelligent Transportation Systems Committee

Thursday, January 9, 2020, 1:30 p.m.

I. Call to Order

II. Public Comment - 3 minutes per speaker, please

III. [Approval of Minutes – October 10, 2019](#)

IV. Action Items

A. [2019 Attendance Review & Declaration of Vacant Seats \(Johnny Wong, MPO Staff\)](#)

B. [2020 Election of Officers \(Johnny Wong, MPO Staff\)](#)

V. Status Reports

A. [Training Session for ClearGuide Data & Analytics Platform \(Anita Vandervalk-Ostrander, Scott Perley and Masoud Hamed, Iteris\)](#)

B. [Data Discovery Exercise \(Anita Vandervalk-Ostrander, Scott Perley and Masoud Hamed, Iteris\)](#)

VI. Old Business & New Business

A. ITS Master Plan Update

B. Next meeting April 9th

VII. Adjournment

VIII. Addendum

A. MPO 2020 Calendar

B. CCC Regional Priorities

The full agenda packet is available on the MPO's website, www.planhillsborough.org, or by calling (813) 272-5940.

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**HILLSBOROUGH COUNTY
METROPOLITAN PLANNING ORGANIZATION
INTELLIGENT TRANSPORTATION SYSTEMS (ITS)
MEETING OF OCTOBER 10, 2019
MINUTES**

I. CALL TO ORDER:

Chairman, Mr. Brandon Campbell called the meeting to order at 1:33 p.m. and a quorum was present. The meeting was held in the Plan Hillsborough Committee room.

MEMBERS PRESENT:

- Brian Gentry Hillsborough County Public Works
- Brandon Campbell City of Tampa
- Vinny Corazza City of Temple Terrace
- Anna Quiñones Tampa/Hillsborough Co. Expressway Authority
- Shannon Haney HART
- Alain Watson Environmental Protection Commission of Hillsborough County
- Margaret Kubilins FDOT Non-Voting Advisor
- Achilleas Kourtellis CUTR

OTHERS PRESENT:

Johnny Wong, Cheryl Wilkening, Sarah McKinley, Hillsborough MPO; Roger Roscoe, FDOT

MEMBERS EXCUSED: Fred Baxter

Brandon Campbell welcomed new member Achilleas Kourtellis. Dr. Achilleas Kourtellis has worked at ITS program at CUTR since 2006. He has served as PI and CO-PI for several projects including Crash Avoidance Technologies for Large Trucks, Transit Vehicle, Pedestrian and Bicycle Safety and several transit related projects. He has performed numerous driving-controlled tests to evaluate technologies in vehicles and driver acceptance of technology tests, pedestrian and bicycle safety research as well as research on automated and connected vehicles. He also serves as an instructor for the Civil and Environmental Engineering Department at USF.

II. PUBLIC COMMENTS: There were no public comments.

III. APPROVAL OF MINUTES:

Alain Watson made a motion to approve the corrected April 11, 2019 ITS meeting minutes and the July 11, 2019 Minutes. The motion was seconded by Brian Gentry and carried unanimously.

IV. ACTION ITEMS

A. Draft 2045 Cost Feasible Plan – Open Public Comment Period

Sarah McKinley presented the 2045 Long Range Transportation Plan that shows the vision for the future of the community. This is a twenty-year plan showing where the federal and state funding should be allocated. It is set to be adopted November 5th of this year. With the surtax, the funding that is available to meet Hillsborough County needs is \$32.19 billion. FDOT will administer about 41 percent, Hillsborough County 25 percent, HART 23 percent, three jurisdictions 9 percent and MPO 2 percent. The MPO developed the cost feasible plan by collaborating with state and local partners which led to the five funding programs. There were two public outreach projects. It's Time Tampa Bay Survey results

captured the public opinion and preliminary guidelines which were to provide alternatives to driving, using new technologies, minimize outward growth, reinvest in established neighborhoods, reduce congestion and strengthen downtowns. It's Time Hillsborough Survey focused a lot on the major transit projects and what should be included in the plan. The survey asked the people which projects should be invested in and overwhelmingly transit was the most favored. The no build plan was the least favored followed by the full build. The safety quick fix was the most favored to be included in the 2045 plan. The program base portion of the plan that looks at good repair and resilience, vision zero, smart cities, real choices when not driving and major investments for economic development. Ms. McKinley reviewed each program and the summary of cost feasibility. The high performing fixed guideway transit projects are reusing freight rail tracks, downtown to airport rapid transit, extending the downtown streetcar and water transit. The MPO sought further input to the downtown interchange. As a result, the "Safety and Traffic quick Fix" was selected as the public preferred scenario. The FDOT SIS cost feasible projects for 2020-2045 were provided. Ms. McKinley explained there is flexibility built into the plan and HART is determining what fixed guideways should be included. The MPO will continue to work with the jurisdictions to determine which roadways should be added to the major investments. They will also monitor the performance of the plan after adoption and going forward.

There were no questions or comments.

Johnny Wong pointed out that the comment period is open until November 5th, the adoption date. The committee doesn't have to make a motion on this action item. The ITS members can take the information presented back to their agencies and discuss internally and provide a comment from their agency's perspective or from the committee member as an individual. The Smart Cities program will affect the ITS committee the most and the benefits of that program were shared. It's up to the ITS committee to use the money allocated the best way possible to reach their goals.

B. FDOT Tentative Work Program Letter of Comment

Roger Roscoe, FDOT, presented brief highlights of projects in Hillsborough County for the annual tentative five-year work program for fiscal years 2021 – 2025. The tentative work program for fiscal year 2021 – 2025 covers project phases and activities scheduled from July 1, 2020 – June 30, 2025. Year one is included in the states proposed budget pending the legislative session and the Governor's approval. This year is an accelerated legislative session which will start in January and the March time period. At that point the projects will be presented to the Governor for review and signature. Years 2-5 are commitments for production and financial planning purposes. FDOT presented a slide showing how the five-year work program works. The five-year plan includes the following: public transit, seaport, the airports and rail projects, transportation planning, intelligence transportation, highway design, right-of-way, acquisition and construction activities. Every year on June 30th, the current year the work program ends, and on July 1st, year two moves up to become the current year. At that time a new 5th year is added to the program and funding is allocated to the next phase of projects, program and the four prior years. New projects are added into the new fifth year based on the Florida Transportation Plan (FTP) goals, statewide programs and local priorities. After the Governor signs the work program, the first year is then included in the state budget and the work program is then considered adopted. The program development process also includes preserving existing programs, delivering on funding phases, cost estimate updates and adding new projects. Some projects presented are safety and security, system preservation, multimodal enhancements, operational improvements and capacity improvements. These are based on the MPO priorities, committees and board, regional priorities, SEIS and FDOT priorities. New projects that have not been previously included in the work program and new phases of existing projects are project development and environment (PD&E), preliminary engineering and design (PE), right of way (ROW), construction (CST), design build (DSB), grants (CAP) and select projects and interest. Mr. Roscoe presented the projects and totals for funding. October 28 – November 1 there is an online public hearing. There is an open house on October 30th. Public comments are due on November 11th. November 18th MPO rejections are due. January 2020 is the review of the legislature and the Florida Transportation Commission will start to review all the projects around the state. July 1st starts the new fiscal year and begins the adoption of the work program.

Alain Watson asked for the definition of urban corridor and examples. Shannon Haney inquired if there were going to be GIS overlays. Johnny Wong requested an explanation of how expenditures in each program and category are decided. Vinny Corazza pointed out there are only 2 ITS projects presented in the slides and wanted clarification on a mid-block crosswalk on Overlook and Busch. Brian Gentry wanted to know how FDOT determines MPO priorities. Mr. Campbell asked if there was any action to be taken by the committee on this item or they can provide a comment at a later time.

Vinny Corazza made a Motion for the ITS committee to submit a resolution for a statement to advocate for ITS projects and involvement in the work program. Alain Watson seconded the Motion and carried unanimously.

V. STATUS REPORTS

A. FDOT District 7 Traffic Systems Management and Operation (TSM&O) Strategic Plan

Margaret Kubilins is new to the ITS committee and FDOT. She is very passionate about safety for all users and very multimodal focused. She is in favor of not only looking at mobility but safety in transportation and she does not support silos. FDOT District 7 is in the process of developing the Statewide TSM&O Strategic Plan. It was adopted in 2017. The Plan will identify operational strategies for improving safety and facilitating mobility on the roads. She focuses on fatality free and congestion free transportation system. The focus on Smart Cities supports both FDOT and the MPO's vision of reducing crashes and improving time reliability. The three principals are safety, mobility and innovation. FDOT consists of traffic operations arterials and freeways and ITS arterials and freeways. The five points most pertinent to MPO and transit agencies are the Regional ITS Architecture, ITS Facility Management (FM), Arterial Management Plans (Amp) and operations of Corridors and Fiber Maintenance and Vision Zero. She explained in depth about each of these five points.

Achilleas Kourtellis questioned which of the five points covers bicyclists. Vinny Corazza followed up with electric scooters or micro-mobility. Johnny Wong inquired about data on electric scooters. Shannon Haney asked about sharable fiber optics. Brian Gentry requested the ITS FM parameters. Vinny Corazza commented on speed control. Brian Gentry mentioned signal time to defer speeding. Brandon Campbell inquired about longer cycle lengths with pedestrian crossing and what is FDOT's philosophy. Achilleas Kourtellis pointed out that most people don't know that if you drive a certain speed then you will make the traffic lights.

VI. OLD & NEW BUSINESS

A. Recap of Smart Cities Alliance Meeting

Vishaka Shiva Raman attended the Smart Cities meeting on October 1, 2019 at Pinellas Suncoast Transit Authority (PSTA). Vik Bhide from the City of Tampa presented an update on Mobility as a Service (MaaS). Sean Barbeau from CUTR presented a pilot project on mobility program for single account and integration of payment using the Flamingo Fares app. Sean Barbeau from CUTR presented on Work Zone Date (WZDx) format as a way to share work zone information with other organizations. Other topics that were presented by Ken Spitz were smart work zones, video analytics as a safety measure and ramp metering used as a congestion relief measure on freeways. Brian Gentry from Hillsborough County presented about the South County Mobility study. The third topic was on Data Platform and project updates were provided.

B. January ITS Meeting Data Portal and ITS Master Plan Update Workshop

2019 Florida Automated Vehicles (FAV) Summit is on November 20-22, 2019.

Vishaka Shiva Raman gave an update on the Data Portal project. The Data Portal project has received the consultant work authorization and work approval from FHWA. They are aiming for a kickoff meeting in Mid-November. The ITS Master Plan project is in the preliminary stages of the scoping process and they hope to start by January 2020. They would like to have the next ITS meeting in January 2020 as a workshop format and bring this to the committee where they will provide all the updates.

Vinny Corazza pointed out the City of Temple Terrace is behind in ITS. If anyone has an ITS project near Temple Terrace, he would like to include Temple Terrace in that project.

VII. ADJOURNMENT

There was no further business, the meeting adjourned at 3:07 p.m.

VIII. ADDENDUM

- A. The Planning Commission's 27th Annual Planning & Design Awards**
- B. CUTR 2019 Transportation Achievement Awards**
- C. Micro-mobility Report**
- D. NYCDOT Public Space Activations**
- E. Dangerous by Design 2019**
- F. Corrected April 11, 2019 Minutes**



Hillsborough MPO Metropolitan Planning for Transportation

Board & Committee Agenda Item

Agenda Item

2019 Attendance Review, Declaration of Vacant Seats

Presenter

Johnny Wong, PhD, MPO Staff

Summary

The MPO Bylaws require that “at a minimum, committee member attendance will be reviewed annually.” The MPO may review, and consider rescinding, the appointment of any member of any committee who fails to attend three (3) consecutive meetings. Plant City had three consecutive absences in 2019. THEA appointed Anna Quinones to the committee, and thus, there are now no vacant seats.

Recommended Action

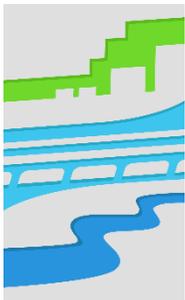
As deemed appropriate by the committee.

Prepared By

Johnny Wong, PhD, MPO Staff

Attachments

2019 Attendance Sheet.



Hillsborough MPO Intelligent Transportation Systems Committee 2019 Annual Attendance/Participation Report

Agency & Member Name	January 2019	April 2019	July 2019	October 2019
City of Tampa				
Member: Vik Bhide	-	P	P	-
Alternate: Brandon Campbell	P	-	-	P
Hillsborough County				
Member: Brian Gentry	P	-	P	P
Alternate: Bob Campbell	-	P	-	-
City of Temple Terrace				
Member: Vinny Corazza	A	P	P	P
Alternate: Troy Tinch	-	-	-	-
HART				
Member: Shannon Haney	P	P	P	P
Alternate: Chris Cochran	-	-	-	-
City of Plant City				
Member: Fred Baxter	P	A	A	A
Alternate: Don Rainard	-	-	-	-
Environmental Protection Commission				
Member: Jeff Sims	P	P	P	-
Alternate: Alain Watson	-	-	-	P
THEA				
Member: Anna Quinones	A	P	P	P
Alternate: Steve Johnson	-	-	-	-
CUTR				
Member: Achilleas Kourtellis	-	-	-	P
FDOT				
Non-voting Advisor: Margaret Kubilins	-	-	P	P

*P - Present, *A - Absent, *X - No Meeting



Hillsborough MPO Metropolitan Planning for Transportation

Board & Committee Agenda Item

Agenda Item

2020 Election of Officers

Presenter

Johnny Wong, PhD, MPO Staff

Summary

The MPO Bylaws require that officers are to be elected at the first meeting of each year. There are no term limits for officers, therefore they can be re-elected and serve indefinitely. The Bylaws state:

Officers of Standing Committees: The committee shall hold an organizational meeting each year for the purpose of electing a committee chair ... a committee vice-chair, and, at the discretion of the committee chair, an officer-at-large. Officers shall be elected by a majority vote of a quorum of the members.

The current ITS officers are:

- Chairman Mr. Vik Bhide
- Vice Chair Mr. Brian Gentry
- Officer-at-large Mr. Vinny Corazza

Members can nominate themselves or any other member. No second is needed, and each nomination is voted on individually until one member receives a majority of votes for an officer's position.

Recommended Action

Hold ITS Election of Officers.

Prepared By

Johnny Wong, PhD, MPO Staff

Attachments

None.





Hillsborough MPO Metropolitan Planning for Transportation

Board & Committee Agenda Item

Agenda Item

Training Session for ClearGuide Data & Analytics Platform

Presenter

Anita Vandervalk-Ostrander, Scott Perley, and Masoud Hamed (Iteris)

Summary

The ClearGuide Data & Analytics Platform is a web-based tool allowing users to visualize real-time traffic conditions on the road network. ClearGuide's maps, reports, and charts show where and when congestion is occurring, and provide contextual information such as crossing locations and weather. The site has been live for six weeks and is available to users at Hillsborough County, HART, FDOT, and the cities of Tampa, Temple Terrace and Plant City.

The presenters will provide training to committee members and all meeting attendees. If staff are unable to attend in person, they may still participate via GoToMeeting. Details are listed in the Attachments section below. Prior to the meeting, staff are encouraged to visit [ClearGuide](#) and create an account.

Recommended Action

None. For information only.

Prepared By

Johnny Wong, PhD, MPO Staff

Attachments

ClearGuide training session for ITS committee

Thu, Jan 9, 2020 1:30 PM - 3:30 PM (EST)

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Hillsborough MPO Metropolitan Planning for Transportation

Board & Committee Agenda Item

Agenda Item

Data Discovery Exercise

Presenter

Anita Vandervalk-Ostrander, Scott Perley, and Masoud Hamedi (Iteris)

Summary

The ClearGuide Data & Analytics Platform is a web-based tool allowing users to visualize real-time traffic conditions on the road network. ClearGuide's maps, reports, and charts show where and when congestion is occurring, and provide contextual information such as crossing locations and weather. The site has been live for six weeks and is available to users at Hillsborough County, HART, FDOT, and the cities of Tampa, Temple Terrace and Plant City.

The foundational dataset in ClearGuide is third party speed data derived from HERE, and graciously provided by FDOT. ClearGuide provides modules able to integrate other datasets, including counts, incidents, and more.

The presenters will lead a discussion regarding use cases and data sources. Following this discussion, the project team will assess the feasibility of integrating new data sources into ClearGuide to enable additional analyses.

If staff are unable to attend in person, they may still participate via GoToMeeting. Details are listed in the Attachments section below. Prior to the meeting, staff are encouraged to visit [ClearGuide](#) and create an account.

Recommended Action

None. For information only.

Prepared By

Johnny Wong, PhD, MPO Staff

Attachments

ClearGuide training session for ITS committee

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Metropolitan Planning Organizations

Chairs Coordinating Committee

2020 Regional Transportation Priority Projects

Hernando/Citrus MPO * Hillsborough MPO * Forward Pinellas

Pasco County MPO * Polk TPO * Sarasota/Manatee MPO

Funded Regional Priorities

- ❖ Howard Frankland Bridge Replacement
- ❖ Gateway Expressway
- ❖ I-75 interchange at Overpass (Phase I)
- ❖ I-275 Express Lanes from I-375 to Gandy Blvd.
- ❖ I-75 Interchange at Big Bend Road
- ❖ Suncoast Parkway 2 Expansion
- ❖ TBARTA Regional Transit Development Plan
- ❖ I-275/SR 60/Westshore Interchange
- ❖ I-275 Operational Improvements north of downtown Tampa

Top Priorities for the Greater Tampa Bay Region

- ❖ I-75 Interchange at Gibsonton
- ❖ I-75 Interchange at Overpass (Phase II)
- ❖ Central Avenue Bus Rapid Transit
- ❖ Central Polk Parkway Segment 1
- ❖ US 41 from SR 44 to SR 200
- ❖ Desoto Bridge Replacement
- ❖ Bradenton-Palmetto Connector
- ❖ Regional Rapid Transit in the I-275 Corridor
- ❖ Support HART's exploration and negotiation for use of the CSX right-of-way for passenger transportation