



AGENDA

**INTELLIGENT TRANSPORTATION SYSTEM (ITS)
ADVISORY COMMITTEE**

WEDNESDAY, FEBRUARY 1, 2012

1:30 P.M.

**Pinellas County Planning Department Conference Room
600 Cleveland Street, Suite 750
Clearwater, FL 33755**

- I. CALL TO ORDER**
- II. APPROVAL OF MINUTES – November 2, 2011**
- III. USE OF ALTERNATIVE FUELS**
- IV. BLUETOOTH TECHNOLOGY**
- V. RED LIGHT CAMERAS: VIDEO FOOTAGE FROM CITY OF ST PETERSBURG**
- VI. UPDATES/OTHER BUSINESS**
 - A. Congestion Management Process (CMP)**
 - B. Primary Control Center (PCC)**
 - C. Schedule Next Meeting**
 - D. Other Business**
- VII. ADJOURNMENT**

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ITS AGENDA ITEM II.

APPROVAL OF MINUTES

The minutes of the November 2, 2011 ITS Advisory Committee meeting are attached for review and approval.

ATTACHMENT: [ITS Advisory Committee Minutes of November 2, 2011](#)

ACTION: Approval of Minutes

ITS: 02/01/12

ITS AGENDA ITEM III.

USE OF ALTERNATIVES FUEL

A presentation on the availability of alternative fuel stations was requested at the last ITS Committee meeting. Currently, there are two types of alternative fuel stations available in Pinellas County.

A. **Electric Fuel:** Plug-in electric vehicles will be launched into the marketplace aggressively in 2012. To prepare, *Get Ready Tampa Bay* (affiliate of the national *Project Get Ready*) launched a regional collaboration between the Tampa Bay Regional Planning Council, local governments, electric utility companies, business partners, and other interested groups. Tampa Bay partners include Hillsborough, Manatee, Pasco, Sarasota, and Pinellas Counties and the Pinellas Cities of Clearwater, Dunedin, Gulfport, Seminole, Oldsmar, South Pasadena, and St. Petersburg. Currently, electric charging stations are available in Pinellas County, as shown on the map (link below). Businesses such as Walgreens are also installing EV charging stations at Pinellas County locations. A representative of the Tampa Bay Regional Planning Council (TBRPC) will provide information concerning the initiative and the support needed to make this initiative successful. Local governments will provide updates on the status of their charging stations, including St. Petersburg that plans to use funds from a grant to build 10 new public stations.

B. **Natural Gas:** Natural gas is newly emerging as an alternative fuel. Currently, the City of Clearwater has one fueling station for its fleet and there are plans to add more, including public stations. Additionally, St. Petersburg is discussing plans with People's Gas concerning conversion to natural gas for their fleet. A representative of the City of Clearwater will provide a presentation.

ATTACHMENTS: Map of Public Electric Charging Stations:

<http://www.tbrpc.org/getready/EVmap.html>

Get Ready Tampa Bay Kickoff video :

<http://www.tbrpc.org/getready/EVmap.html>

Look for Electric Vehicle Charging Stations at IKEA, Walgreens, Convenience Stores:

<http://moneyland.time.com/2011/07/21/look-for-electric-vehicle-charging-stations-at-ikea-walgreens-convenience-stores/>

Insight: Goodbye Gasoline? GM Gives Natural Gas Cars a Boost:

<http://www.reuters.com/article/2011/07/01/us-energy-natgas-vehicles-idUSTRE76022220110701>

ACTION: None required, informational item

ITS: 02/01/12

ITS AGENDA ITEM IV.

BLUETOOTH TECHNOLOGY

Used all over the world, *Bluetooth* is a short-range, wireless, communications technology that eliminates the need for cables while maintaining high levels of security. As one of its applications, BlueTOAD (Bluetooth Travel-time Origination And Destination) detects anonymous addresses on mobile devices in vehicles such as phones, headsets and music players, calculating travel time through analysis of subsequent detections. This technology provides a cheaper, more accurate and more detailed traffic view than other car monitoring systems, such as Automatic Vehicle Identification (AVI) technology.

This presentation will include an explanation of Bluetooth and how it is being used for ITS applications in Pinellas County, as well as its potential and the potential of other emerging technologies in the pipeline, for travel and management of congestion.

ATTACHMENT: Bluetooth Traffic Monitoring Technology:
http://www.catt.umd.edu/documents/UMD-BT-Brochure_REV3.pdf

ACTION: None required, informational item

ITS: 02/01/12

ITS AGENDA ITEM V.

RED LIGHT CAMERAS: VIDEO FOOTAGE FROM CITY OF ST PETERSBURG

To enforce laws concerning red light running, video detectors are being used by an increasing number of local governments in Pinellas County. A list is attached. Most recently, the Cities of Clearwater and Oldsmar are planning to implement their programs in the near future.

The MPO maintains a map showing the locations of these detection cameras, which can be accessed by a link on the MPO website. Local governments may also embed this link in their respective websites.

Nationwide, footage collected from these cameras is being used to fine and prosecute violators and educate the public concerning the prevalence and consequences of red light running. The City of St. Petersburg will provide a presentation using their video footage.

ATTACHMENT: Map Showing the Locations of Red Light Traffic Infraction Detector Cameras:

<http://maps.google.com/maps/ms?hl=en&ie=UTF8&msa=0&msid=213430261404385493478.00049c8e3d8cfdcbf1a55&source=embed&ll=27.808713,-82.694092&spn=0.429391,0.475845&z=11>

ACTION: None required, informational item

ITS: 02/01/12

ITS AGENDA ITEM VI.

UPDATES/OTHER BUSINESS

The following items are included as ongoing topics that require short status reports:

- A. **Congestion Management Process (CMP)**
This item will contain a brief report on CMP.

ATTACHMENT: None

- B. **Primary Control Center**
This item will contain a report on Primary Control Center activities.

ATTACHMENT: None

- C. **Schedule Next Meeting**
The next quarterly ITS Committee meeting is scheduled for May 5, 2012.

ATTACHMENT: None

- D. **Other Business**
This is an opportunity for any other business that might be brought before the Committee.

ATTACHMENT: None

ITS: 02/01/12