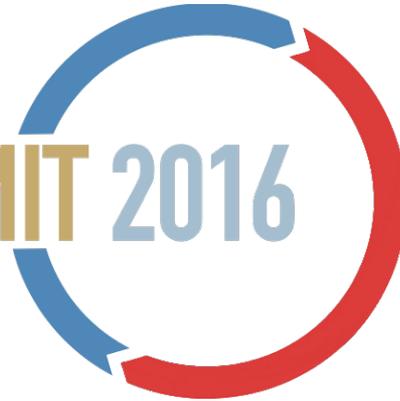


# Results

PERFORMANCE **SUMMIT** 2016  
FOR TRANSPORTATION PARTNERS



## Preservation

[FDOTPERFORMS.ORG](http://FDOTPERFORMS.ORG)



Office of Policy Planning  
[david.lee@dot.state.fl.us](mailto:david.lee@dot.state.fl.us)

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# Preservation Results



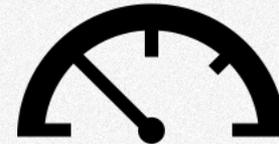
## IDEAS

- Use of Bike Share program data to analyze travel patterns
- Mode shift attributable to resurfacing and restriping
- American Bus Benchmarking Group (ABBG) – forum for mid-size transit agencies
- Multi-purpose roads (e.g., roads converted to bike only on weekends)



## ISSUES TO CONSIDER

- Should our pavement target be readjusted?
- Pavement performance of local roads as an overall statewide measure
- Life cycle cost comparisons
- Community measures of resilience and multimodal options
- Emphasize preservation along with safety as dual benefits



## POTENTIAL MEASURES

- Bus fleet average age
- % population with “good” transit access
- Bike/ped maintenance measures
- % bike/ped network action plans complete
- % system that is at-risk retrofitted for resiliency
- Number of Complete Streets

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# Comments

*We asked Summit participants to complete a survey*

The *Performance Summit for Transportation Partners* Preservation Webinar was held on May 11. The Summit focused on varied topics related to the impacts of Florida's transportation system infrastructure.

Participants were asked to complete a survey. Space was provided to identify possible performance measures, successful outcomes, or other related perspectives.

*During the Summit, the participants asked questions, and explored ideas for further consideration*

Panelists and participants asked questions, suggested potential performance measures, ideas and issues to consider. Many of the most thought provoking suggestions have been included in the Performance Summit Results.

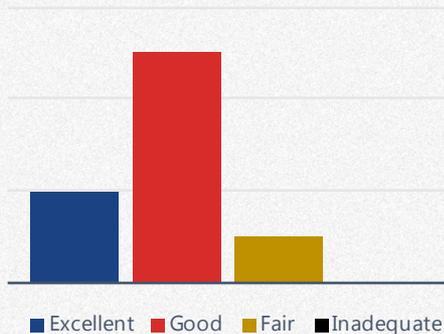
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*This Summit provided a forum to explore partnering for improved transportation system performance.*

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# State Highways and Bridges

*— the overall condition and quality of Florida's state highways and bridges; also including roadside aesthetics, rest areas, Intelligent Transportation Systems (ITS), traffic signals, etc.*



## IDEAS

- Continue to coordinate with FDOT on system preservation
- Work with FDOT regarding statewide targets and local performance measures
- Don't waste money – look for value and life cycle cost of alternatives

## ISSUES TO CONSIDER

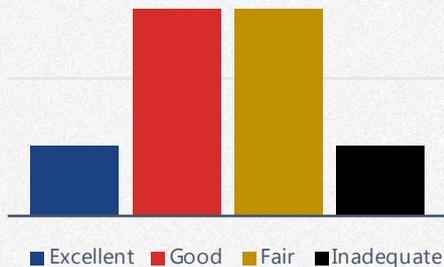
- Use proven technology – one size doesn't fit all – be flexible
- Has Florida reached the ideal target for maintaining our pavement?
- Should we increase or lower our pavement target so we can reallocate resources?
- Communities nearing buildout are not looking to add/build more roadways, but are looking how best to maximize existing infrastructure to serve residents in multimodal and resilient ways

## POTENTIAL MEASURES

- Connectivity to transit stops
- Customer service/needs/perception
- Safety has been missing in this discussion in relation to preservation

# Local Roads and Bridges

*—the overall condition and quality of roads and bridges owned and maintained by Florida's local municipalities, also including traffic signals, and any other elements of locally owned facilities.*



## IDEAS

- What is the value of creating additional local measures that go beyond what MAP-21/FAST Act require, such as metrics related to transit service and bike/ped facilities?

## ISSUES TO CONSIDER

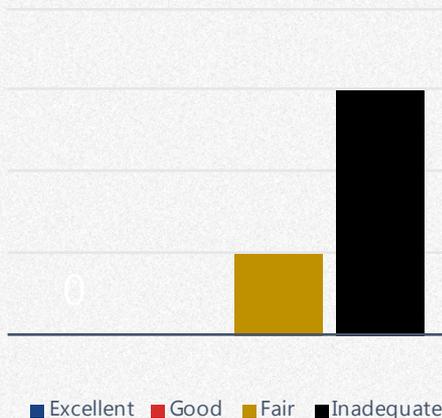
- Multi-purpose roads – roads that serve different purposes (e.g., roads being converted to bike only on a weekend, etc.)
- Use a Pavement Management System (PMS) to understand current status and determine needs
- How can pavement performance of local roads be incorporated into an overall statewide measure?
- Assuming that the measure of 92% of pavement in good condition pertains to the state system, how can the pavement condition of the local road system, especially in urban areas, be incorporated into a state performance measure?
- Has there been any consideration of narrowing lanes and lowering speed limits as long as there is no adverse impacts to capacity?

## POTENTIAL MEASURES

- Travel time by mode comparisons

# Public Transportation

*—the overall condition and quality of public transportation infrastructure including busses, bus stops, rail cars, stations, information kiosks, etc.*



## IDEAS

- Align complementary/related mobility measures across FDOT, MPO, transit agency, local government, and other plans
- Develop strategic partnerships with MPOs and other stakeholders
- What performance measures (statewide measures) should be reported for public transportation
- Benchmarking – is data available statewide?

## ISSUES TO CONSIDER

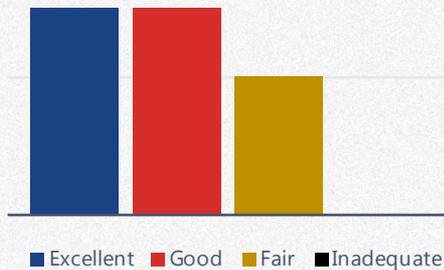
- MPO performance reporting in standard ways.
- American Bus Bench Marking Group – forum for mid-size transit agencies to share performance data and best practices (scorecard)
- Current and future trends that might impact public transportation system performance
  - Labor to revenue miles
  - Training that benefits agencies to allow buses being able to stay on the road longer
  - Mix of hybrids vs. diesels
  - Bus fleet age
  - Reliability
  - Availability
  - Efficiency/productivity of our assets

## POTENTIAL MEASURES

- % population with “good” transit access
- Finance
- Maintenance
- Safety
- Internal processes
- Staff productivity

# Aviation

*—the overall condition and quality of commercial (scheduled service) and general aviation airports/heliports— including terminals, runways, taxiways, parking and other supporting facilities.*



## IDEAS

- Interview users - find out how to improve and what is important
- Ask the community what they would want from an airport, and look to other innovative initiatives and developments (LAX/Dusseldorf)
- Collaborate with universities, up and coming designers to explore what can be done to make airports a better place

## ISSUES TO CONSIDER

- No comments

## POTENTIAL MEASURES

- Ease of use
- Accessibility
- Quality
- More environmentally friendly
- Air industry surveys
- Safety
- Aircraft incidents associated with maintenance

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# Seaports

## IDEAS

- No comments

## ISSUES TO CONSIDER

- Combining quantitative and qualitative measures for a more robust assessment of performance

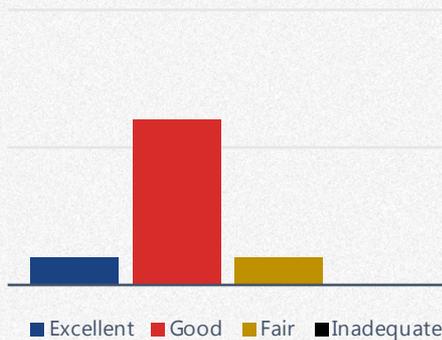
## POTENTIAL MEASURES

- No comments

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*—the overall condition and quality of Florida’s seaports including but not limited to docks, terminals, lifts, access/circulation roads, etc.*

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# Agility

## IDEAS

- No comments

## ISSUES TO CONSIDER

- No comments

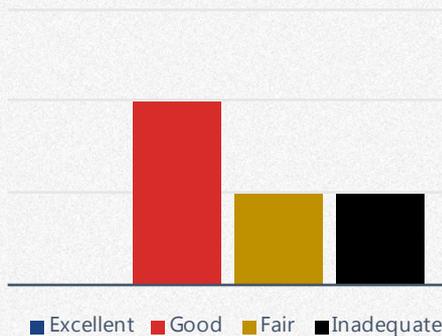
## POTENTIAL MEASURES

- No comments

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*—how well Florida’s transportation system providers demonstrate agility by addressing emerging technologies and changing market trends.*

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# Resiliency

## IDEAS

- No comments

## ISSUES TO CONSIDER

- No comments

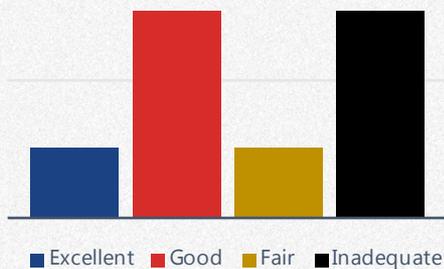
## POTENTIAL MEASURES

- % "at risk system" retrofitted for resiliency

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*—how well Florida's transportation system demonstrates resiliency in dealing with various situations and challenges such as flooding, power outages, etc.*

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# Quality and Service

## IDEAS

- No comments

## ISSUES TO CONSIDER

- No comments

## POTENTIAL MEASURES

- % TIP projects implemented in a timely manner

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*—the overall quality of Florida’s transportation infrastructure and services for moving people and goods, including non-physical elements such as customer service.*

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# Other

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*Please identify any additional aspects of Preservation not covered above:*

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## **IDEAS**

- Use of Bike Share program data to analyze travel patterns
- Collaboration with stakeholders/agencies – to be able to share data and best practices

## **ISSUES TO CONSIDER**

- Need to weigh accessibility for Bike/Ped against safety concerns

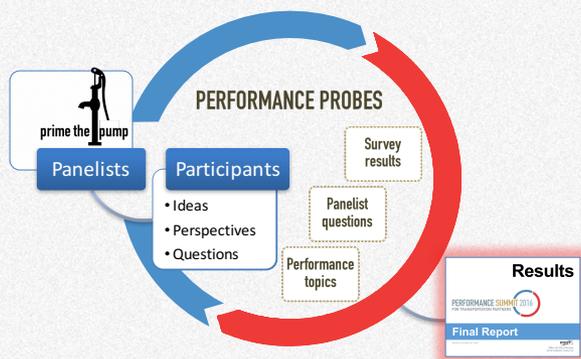
## **POTENTIAL MEASURES**

- Bike/Ped system mileage and/or number of trips
- Reductions in bike/ped network gaps
- Reduction of freight bottlenecks

## **Resources**

- FHWA conducts the National Household Travel Survey (NHTS) every 5-8 years. The last NHTS was done in 2009. Florida specific data are available at <http://www.dot.state.fl.us/planning/trends/special/>. FHWA is planning to do another survey this year. The Census Bureau conducts the American Community Survey (ACS) that includes some commuting data of bike usage. Florida data can be found in the same link above. For accident reports, Florida Department of Highway Safety and Motor Vehicles generates the report every year. You can find the information at <http://www.flhsmv.gov/resources/crash-citation-reports/>. Our Customer Satisfaction Survey asks a few questions related to bicycle and pedestrian facilities and their opinion on safety.

# Panelists



*Three panelists helped to "prime the pump" by providing their performance perspectives*

## View the recording:

<http://www.dot.state.fl.us/planning/performance/summit/recordings/EconomySession.mp4>

## View the presentation (PDF):

<http://www.dot.state.fl.us/planning/performance/summit/presentations/EconomySession.pdf>

## In summary:

- James Cromar explained how Broward MPO uses performance measures
- Jim Warren provided a perspective that asphalt is a proven technology that keeps Florida's pavement in excellent condition
- Chris Cochran shared examples of how monthly performance reports impacted fleet choices

James Cromar

Broward MPO



Jim Warren

Asphalt Contractors Association



Chris Cochran

Pinellas Suncoast  
Transit Authority



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# How these results will be used

The ideas and issues demanding attention will all be considered as FDOT develops the Implementation Element of the Florida Transportation Plan.

[floridatransportationplan.com](http://floridatransportationplan.com)

They will also be a key component of the FDOT Performance Workshops that will drive the development of the 2016 Performance Report.

[FDOTPERFORMS.ORG](http://FDOTPERFORMS.ORG)



*Florida Transportation Plan:  
To inform the Implementation  
Element of the plan.*



*Performance Reports  
Comments will be considered  
for the 2016 Report*