

Performance and Production Metrics Review Workgroup Meeting

June 5, 2020, 9:00 AM

Meeting Minutes

- Florida Transportation Commission (FTC) Executive Director Ralph Yoder opened the meeting.
 - o Meeting minutes for 5/27 should be out by next week
 - o The survey results from the 5/27 meeting were shared
- Executive Director Yoder reminded the group of Governor Ron DeSantis's Transportation Priorities: Improve Safety, Embrace Innovation and Technology, and Reduce Congestion.
- Executive Director Yoder also reminded the group of the Florida Department of Transportation (FDOT) Mission, Vision, and Vital Few as they begin the brainstorming session.
- Metrics should be congruent and supportive of FDOT's mission and the governor's transportation priorities.

Area for Performance Evaluation: Preservation

- Ralph Yoder, Executive Director, Florida Transportation Commission
 - o The department is required by statute to fund preservation before capacity
- Edward "Eddy" Gonzalez, Vice President, RS&H
 - o Bridges that have posted weight restrictions
- Courtney Drummond, Assistant Secretary of Engineering Operations, Florida Department of Transportation
 - o Bridge weight requirements can be deleted since that is put into the design structure, and there is a national standard
 - o May want to keep the metric regarding maintaining bridges
 - Have a condition rating of excellent or good
- Edward "Eddy" Gonzalez, Vice President, RS&H
 - o Bridge weight requirements should be nestled into the condition rating, and is therefore, not necessary
 - o Should the percent of bridges being replaced vs the percent planned be a secondary measure?
 - Seems to be more of a production item
- Stacy Miller, Assistant Secretary of Finance and Administration, Florida Department of Transportation
 - o % of executed bridge replacement projects compared to the % of projects planned is incorporated in a production measure, along with meeting your letting plan
- Ananth Prasad, President, Florida Transportation Builders Association
 - o The secondary measures should be deleted all together for production
 - Most seem to be a department measure, and not something FTC should be measuring
 - o Agrees that the weight restriction can be dropped
- Courtney Drummond, Assistant Secretary of Engineering Operations, Florida Department of Transportation
 - o The departments roadway goals are:
 - Safe roadway designs

- Meet design plans
 - Maintaining all features so it is in full working performance
 - Maintaining all facilities
 - Maintaining bridges to ensure they work as intended
- Ralph Yoder, Executive Director, Florida Transportation Commission
 - What would be an effective measurement for pavement condition?
- Edward “Eddy” Gonzalez, Vice President, RS&H
 - Currently required to have a pavement condition rating of excellent or good
 - At least 80%
 - Should the 80% requirement be increased?
 - More funding would be needed if it is increased
- Dr. Robert Bertini, Executive Director, Center for Urban Transportation Research
 - Asset management- What are the returns you get for investing in the assets?
 - Asset management is included in FDOT day to day operations
 - It seems like the relation to the user (user experience) is missing from the metric
 - Ride quality
- Ananth Prasad, President, Florida Transportation Builders Association
 - The 80% should not be raised
 - FDOT does a good job maintaining
 - The department internally needs to ensure that the 80% is maintained throughout the districts
 - One may have 70%, while another has 90%
- Edward “Eddy” Gonzalez, Vice President, RS&H
 - Ride, rut, and cracking- if it falls below a certain threshold, it triggers resurfacing
- Courtney Drummond, Assistant Secretary of Engineering Operations, Florida Department of Transportation
 - Resurfacing program is still in place
 - If the department does fall below 80%, it costs a significant amount of money to return to 80%
 - Monitor to make sure one district is not falling below another
 - Also is a performance standard for district secretaries
- Stacy Miller, Assistant Secretary of Finance and Administration, Florida Department of Transportation
 - One of the largest programs is resurfacing
 - Preservation of the state highway system
 - Ride is normally done as a secondary measure because of the contributing factors
 - Depends on where you are in the state, how many utility manholes covers you have, features you have on the roadway, etc.
- Courtney Drummond, Assistant Secretary of Engineering Operations, Florida Department of Transportation
 - Return on investment
 - 80% provides value to the customer
 - Most customers will not see the extra 10 or 20%
- David Genson, Commissioner, District One, Florida Transportation Commission

- The preservation metrics are all very broad
- Currently, there is no differentiation between the interstate and non-interstate
- Should it be higher in metropolitan areas since the interstate is the primary form of transportation there?
- Courtney Drummond, Assistant Secretary of Engineering Operations, Florida Department of Transportation
 - The interstate performs much better than local roads since you do not have utility concerns
 - Would a separate measure bring value?
 - Introducing new measures within the department regarding surface ride
- Ralph Yoder, Executive Director, Florida Transportation Commission
 - Look at data to evaluate historic performance on the interstate vs. local roads
- David Genson, Commissioner, District One, Florida Transportation Commission
 - In looking at other states, many do break it down by interstate vs. local roads
 - Also, with every roadway facility comes the stormwater management system
- Courtney Drummond, Assistant Secretary of Engineering Operations, Florida Department of Transportation
 - Mobility as a metric needs to be enhanced
 - Stormwater management goes into the maintenance program
 - An asset management contractor is responsible for maintaining and monitoring drainage structures as part of the asset maintenance contract
 - They are held to a performance metric
- Stacy Miller, Assistant Secretary of Finance and Administration, Florida Department of Transportation
 - NPDES- Will do an analysis of the existing drainage system
 - Monitoring outfall
 - Ensuring that they are meeting clean water standards
 - Also have separate drainage projects as well
- David Genson, Commissioner, District One, Florida Transportation Commission
 - Need for environmental metrics
- Jason Montgomery, Director of Business Intelligence, Jacksonville Transportation Authority
 - Condition ratings seem to be more from an engineering perspective and not from a user perspective
 - Customer satisfaction survey?
- Stacy Miller, Assistant Secretary of Finance and Administration, Florida Department of Transportation
 - The department does do surveys for road users
 - Either annually or bi-annually
 - Many people do not differentiate between state and local roads

Area for Performance Evaluation: Production

- Edward “Eddy” Gonzalez, Vice President, RS&H
 - Consultant contract dollars
 - When you come in low, it seems to appear as a negative thing
 - The number of contracts executed should be a primary measure

- There are a lot of factors that drive what the estimate may be
 - As (project) scope becomes more finalized, things can change
 - Should 5% be viewed as negative?
- Ananth Prasad, President, Florida Transportation Builders Association
 - Do not want to over budget when preparing estimates
 - Needs to be as correct as possible
 - Do not want to be too high or too low
 - Accountability needs to be across all aspects of the project
 - Look at the production manual
 - Are we measuring too much?
- Stacy Miller, Assistant Secretary of Finance and Administration, Florida Department of Transportation
 - You want to be within a tighter range
 - If you overestimate, you are not using the most of your resources
 - Want to appropriately utilize every dollar of allocated
 - Overestimating leaves money on the table that you cannot redirect fast enough for the public to feel the benefit
 - There should be a balance between production and operations
- Edward “Eddy” Gonzalez, Vice President, RS&H
 - There are things that happen in design and construction that can affect the project
 - Accountability needs to be spread among these areas
 - How accurate was the estimate provided?
 - Should right of way continue to be measured?
- David Genson, Commissioner, District One, Florida Transportation Commission
 - Development and delivery
 - Are they on time and on budget?
- Courtney Drummond, Assistant Secretary of Engineering Operations, Florida Department of Transportation
 - Some of the measures are way too detailed
 - Did you produce the number at the value you said you would?
 - Let the department measure everything else rolled into that
- Dr. Robert Bertini, Executive Director, Center for Urban Transportation Research
 - Now it is more about collaboration, not building like 50 years ago
 - Can a measure for collaboration be added somehow?
 - 50 years ago, they were not using Transportation Systems Management and Operations (TSM&O) strategies

Area for Performance Evaluation: Capacity Improvement

- David Genson, Commissioner, District One, Florida Transportation, Commission
 - Should look back at the Sourcebook
- Dr. Robert Bertini, Executive Director, Center for Urban Transportation Research
 - Capacity was important back in 1950 but does not translate to users
 - Think about mobility and accessibility, along with reliability
 - Do people have access to the system?
 - Are demands being satisfied?

- How resilient is the system?
- Edward “Eddy” Gonzalez, Vice President, RS&H
 - Do we need to differentiate between state and local roads?
 - Ridership compared to population growth
 - Is that still a measure we need to have?
- Courtney Drummond, Assistant Secretary of Engineering Operations, Florida Department of Transportation
 - Must consider all modes and the volume of customers
- Ralph Yoder, Executive Director, Florida Transportation Commission
 - Statute gives the FTC flexibility
 - Is there a way to utilize technology to help develop this measure?
 - Time it takes to clear an incident.
- Courtney Drummond, Assistant Secretary of Engineering Operations, Florida Department of Transportation
 - Needs to be a measure that rolls under safety

Public Comment

- Executive Director Yoder asked for any public comment
- No comments were made