Ride Acceptance GIS App

Flexible Pavement Committee Meeting

April 17, 2019
Ride Acceptance GIS App

• What is the FDOT Ride GIS App?
  – Web-based GIS application that provides smoothness information of newly-constructed and resurfaced asphalt pavement

• Why is the Ride App needed?
  – Contractors and vendors may want to compare profiler data with FDOT data
  – Project personnel can review Acceptance data linked to a map
  – Review projects for the Smoothness Committee
Ride Acceptance GIS App

• How do I access the App?
  – [https://devgis.fdot.gov/arcgisportal/apps/webappviewer/index.html?id=6cb50ea38ec14029ba3b460eb0b1c6e8](https://devgis.fdot.gov/arcgisportal/apps/webappviewer/index.html?id=6cb50ea38ec14029ba3b460eb0b1c6e8)
  – A link to the App will also be on the SMO Pavement Condition website soon
App FAQs

• What data is available?
• What do the colors of the data represent?
• How do I query data?
• How do I export data?
Available Data

• Data Categories
  – Specification Version
    • Ride Number
    • International Roughness Index (Limited Access Incentive/Disincentive)

• Project Information
  – FIN, District, Roadway ID, State Route, Milepost Limits

• Project Data
  – Rated Lane, LOT Limits (Milepost and GPS)
  – Wheel path and average IRI and RN
  – Date tested
What do the Colors Represent?

- Ride data are in two categories
  - RN and IRI specifications
- Data is color coded according to specification ranges
  - RN spec
    - Full Pay
    - Evaluate 0.01 mile LOTs
  - IRI spec
    - Incentive
    - Full pay
    - Disincentive
    - Remove and replace
Query Data

- Click on the Query Button
- Select the specification version
- Select query criteria
  - Date range
  - District
  - FIN
  - Roadway ID
Query Roadway ID = 26020000
Query Roadway ID = 26020000

Export to CSV

View in Table
Other Questions

- What location and value does the data point represent?
  - The data point represents the beginning milepost (BMP_Tenth) and the RN and IRI values correspond to the average value between the BMP_Tenth and the next data point (EMP_Tenth)
Avg IRI from MP 23.465 to MP 23.565 = 35 in/miles
Demonstration

https://devgis.fdot.gov/arcgis/portal/apps/webappviewer/index.html?id=6cb50ea38ec14029ba3b460eb0b1c6e8