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
  - A link to the App will also be on the SMO Pavement Condition website soon
    - https://www.fdot.gov/materials/pavement/performance/pcs/index.shtm
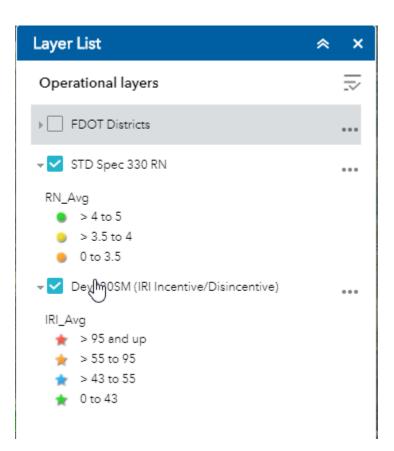
App FAQs

- What data is available?

- What do the colors of the data represent?

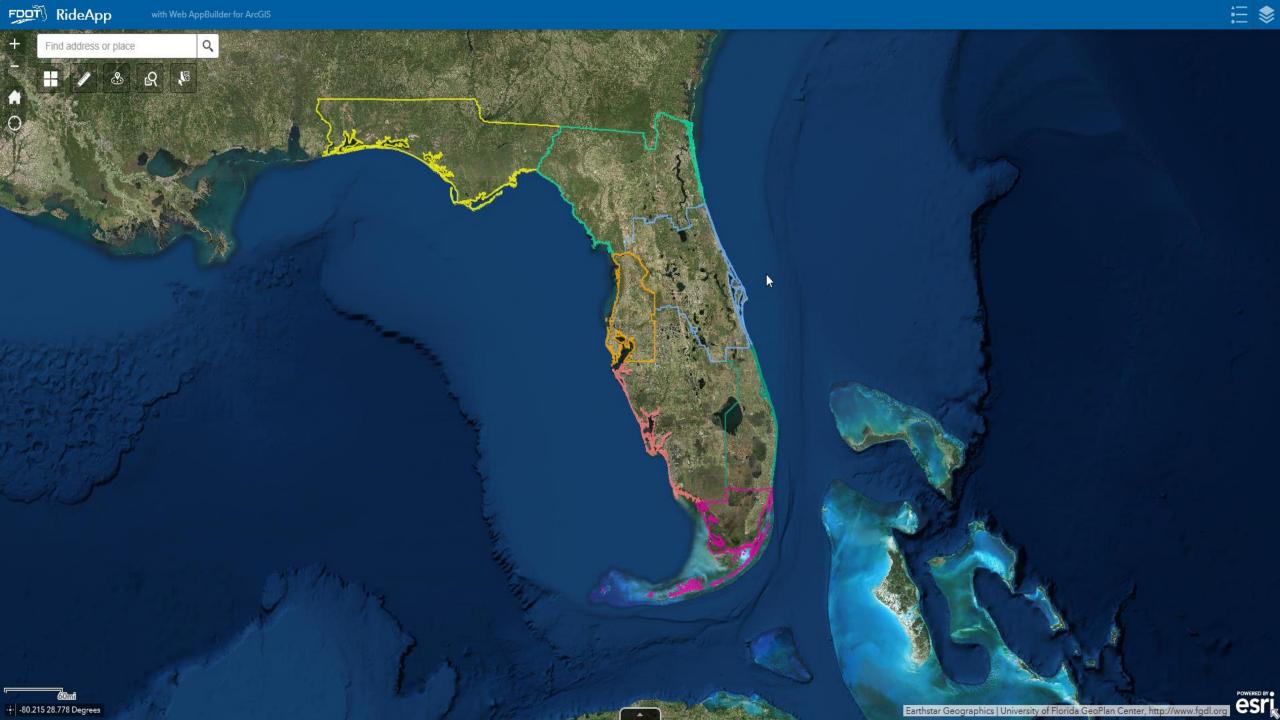- How do I query data?

- How do I export data?
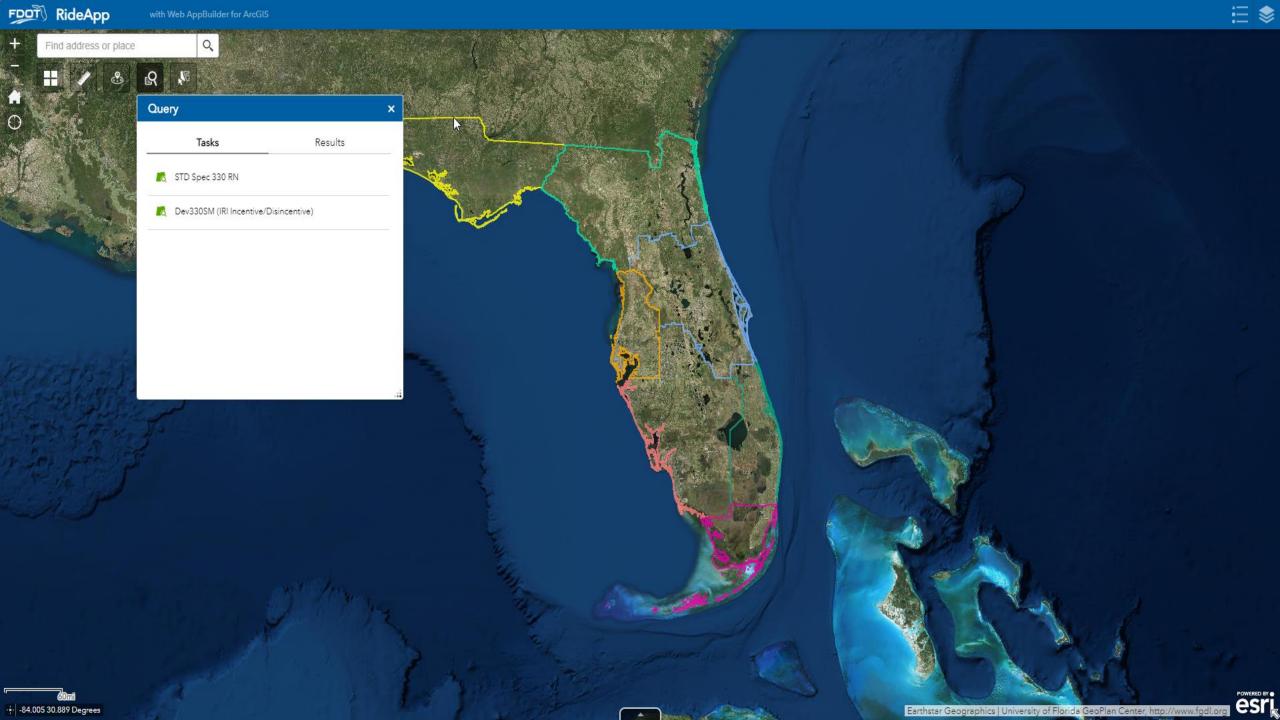
Available Data

- 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

Find address or place
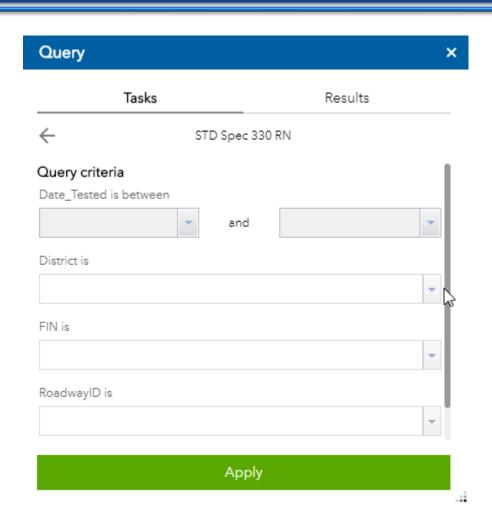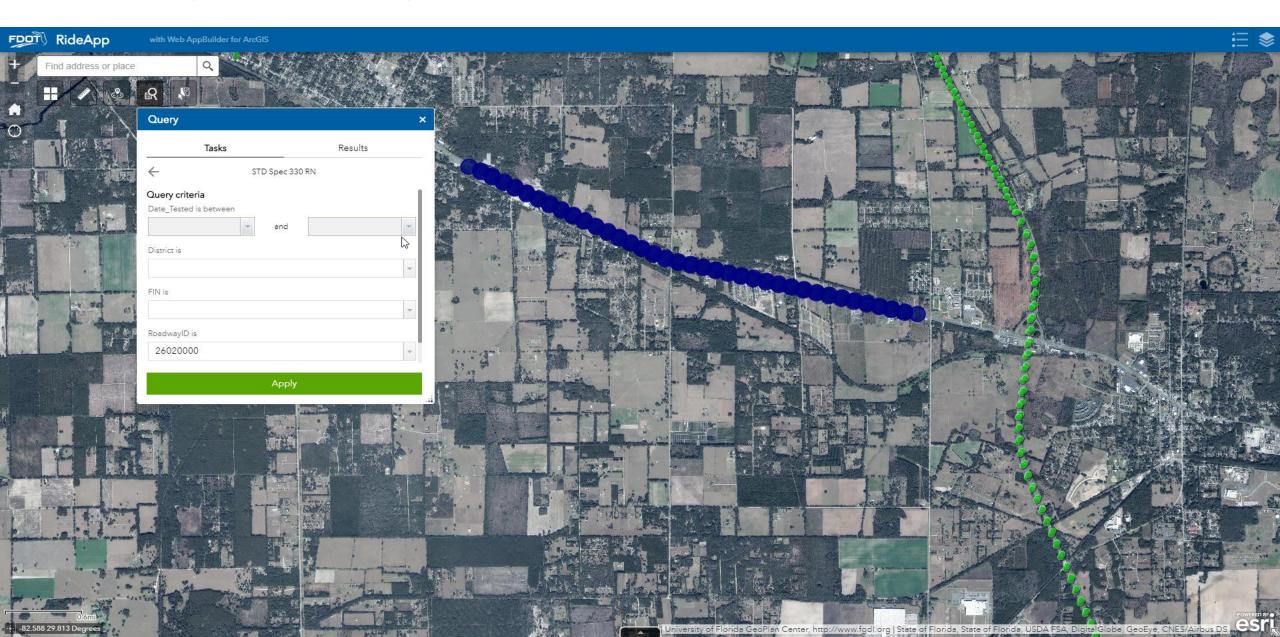
60mi

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esri

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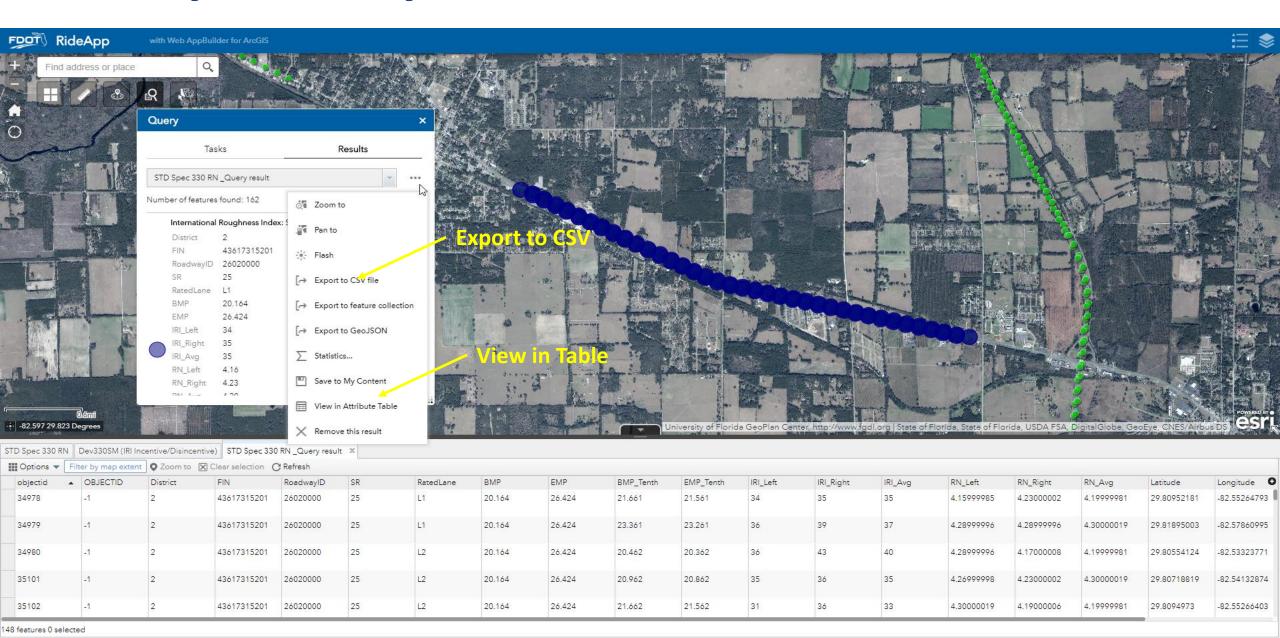
- Click on the Query Button
- Select the specification version
- Select query criteria
  - Date range
  - District
  - FIN
  - Roadway ID

Query Roadway ID = 26020000

Query Roadway ID = 26020000

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)*

EMP_Tenth=23.565

Direction of Travel

Avg IRI from MP
23.465 to MP 23.565 =
35 in/miles

BMP_Tenth=23.465

(1 of 2)	
BMP	20.164
EMP	26.424
IRI_Left	33
IRI_Right	38
IRI_Avg	35
RN_Left	4.34
RN_Right	4.27
RN_Avg	4.30
Latitude	29.81978138
Longitude	-82.58006002
SpecVersion	STD Spec 330 RN
Date_Tested	February 7, 2019
BMP_Tenth	23.465
EMP_Tenth	23.565

Zoom to

Demonstration

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