



Florida Department of
TRANSPORTATION

Applications for Transportation Data

**Tina Hatcher
2016**

RCI System Changes

PL934TH

Roadway Characteristics Inventory

Help Logoff

8/22/2016 4:52PM EST

Main

Feat/Char

Roadway ID

Routes

Reports

History

Other

RCI Application

Help

- [RCI System Information](#)
- [Glossary](#)
- [Transportation Planning Virtual Campus \(Outside Link\)](#)

Business Contacts:

- [Planning Office](#)
- [Maintenance Office](#)
- [Traffic Operations Office](#)

RCI Manuals:

- [RCI Handbooks - All Features & Characteristics](#)
- [Traffic Operations Handbook](#)
- [FHWA's HPMS Field Manual \(Outside Link\)](#)

Other Application Links

- [Data Analysis and Reporting for Transportation Systems \(DART\)](#)
- [GIS Enterprise View](#)
- [Straight-Line Diagram \(SLD\)](#)
- [Video Log](#)



RCI News from...

- [Planning Office](#)
- [Maintenance Office](#)
- [Traffic Operations Office](#)



FLORIDA DEPARTMENT OF TRANSPORTATION

Report Technical Problems to the Service Desk @ (866) 955-4357 or email: [Service Desk](#).

RCI System Functionality Changes

- Add Screen Warning – *Read Only*
- Links – keeping refreshed
- New Mode – Trails
- Faster Processing of RCI Breaks
- *Issue Tickets* –
 - Maintenance Add Screens – drop down boxes
 - Reports Tab – adding new modes & statuses
 - Related Codes (e.g. MPO Area/County)

DART Implementation



DATA ANALYSIS AND REPORTING FOR TRANSPORTATION SYSTEMS
GOOD AFTERNOON, TINA - TODAY IS MONDAY, AUGUST 22, 2016

HOME EDITS ▾ REPORTS ▾ RESULTS 0 ADMIN RCI APPLICATION

Thanks for your
help with trouble
shooting issues!

WELCOME TO DART!

THANK YOU FOR ALL OF THE POSITIVE FEEDBACK AND SUGGESTIONS FOR IMPROVEMENTS!

EDITS & REPORTS

THE DART SYSTEM IS STILL NEW. IF YOU ENCOUNTER AN EDIT OR REPORT THAT SEEMS QUESTIONABLE, PLEASE SEND AN EMAIL TO CO-DART_SUPPORT@DOT.STATE.FL.US. WE'RE HERE TO HELP. ~THANKS EVERYONE!

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DART VERSION : 2016.06.09

CONTACT US

DART...



- **Data Cleansing** – This is the process of analyzing the quality of data in a data source (RCI), manually (or programmatically) correcting the incorrect and/or inconsistent data.
- **Data Usability** – The ability to perform analysis and reporting on data without encountering missing, inconsistent or incorrect data. The usability of data is contingent on accuracy, completeness and consistency.

DART Goals

- ✓ Replaced RCIMENU
- ✓ Improved Edits
- ✓ Able to run multiple edits & reports with less hassle
- ✓ More direct access / web enable and link from RCI
- ✓ Output without “*Snapping Data*”!
- ➔ Create a demo and make it accessible from Menu
- ➔ Begin creating more standard reports that were previously “Ad Hoc” in nature
- ➔ Integrate with other applications (e.g. RITA, HPMS, ...)

RITA

Roadway Inventory Tracking Application



SITE INDEX

RCI 5-YEAR



Go

[HELP](#)

Central office employees must select a district when using the RITA application
This way district integrity is maintained in the database.

Current district = 3

[Change District](#)

RITA is an intranet application that the Districts and Central Office Transtat employees can use to track and monitor changes to the RCI database. This roadway inventory management tool is designed to help manage, document, and plan how much of the annual inventory update has been completed, and the status of remaining inventory to be performed.

Contact the RITA Administrator at (850) 414-4848 [®] if you have any questions.
[or email the RITA Administrator here](#)

RITA Assessment

- Needs a technology refresh
- Either incorporate into...
 - RCI next generation
 - DART
- Do not recommend stand alone
- We will use some recommendations from the JARs and survey the users to draw up project plans

Real-Time Mileage Report



- Basis for Mileage Reports for Fiscal Year & Calendar Year ends
- Also used for *temporal* data comparisons for FC, NHS, SHS, etc.
- Traffic Site comparisons too

Real-Time Mileage Report changes

- The “Gaps and Overlaps” was already rolled into Main2 in DART
- Revisit the logic for NHS, SHS, & SIS Reports
 - Shouldn't there be Off System Reports for the NHS & SIS?
 - Developing Special Reports
 - Trails
 - Rails
 - Scenic Highways
 - National Highway Freight Network

STRAIGHT-LINE DIAGRAMMER

1.4.2.25



Welcome, PL934TH

ENTER



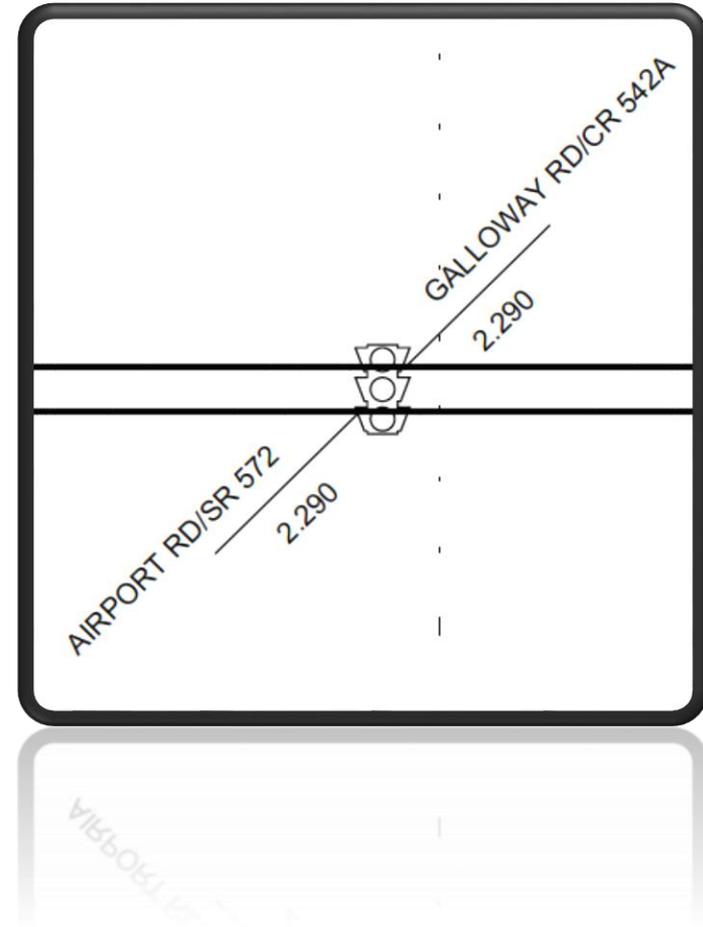
[BLOCK IMPORTS](#)

[CHANGE LOG](#)

Email questions or comments to [CO-SLD](#)
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Enhancements to Diagrammer

- Street names offset farther from line
- Added signal
- New FDOT logo
- Historical SLDs can be generated
- Added change log link & corrected RITA link



SLD Diagrams Online GIS Web App



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TranStat / SLDs / Straight-Line Diagrams Online GIS Web Application

Select

District: County: Roadway:

Base Map:

Click to select a point on the map and then drag the mouse to create a box. Click again to complete your selection. To pan the map while making a selection hold the Ctrl key while dragging the map.

For application issues, please e-mail the [FDOT Service Desk](#) or call 866-955-HELP (4357).

For all other questions or comments, please use the contacts list on the [SLD Page](#).

[Contact Us](#) [Employment](#) [MyFlorida.com](#) [Performance](#) [Statement of Agency](#) [Web Policies & Notices](#)



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Straight-Lines Online



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[Help/About SLD](#)

Welcome to Straight-Line Diagrams

District:

County:

Roadway ID:



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Search Results for: D2

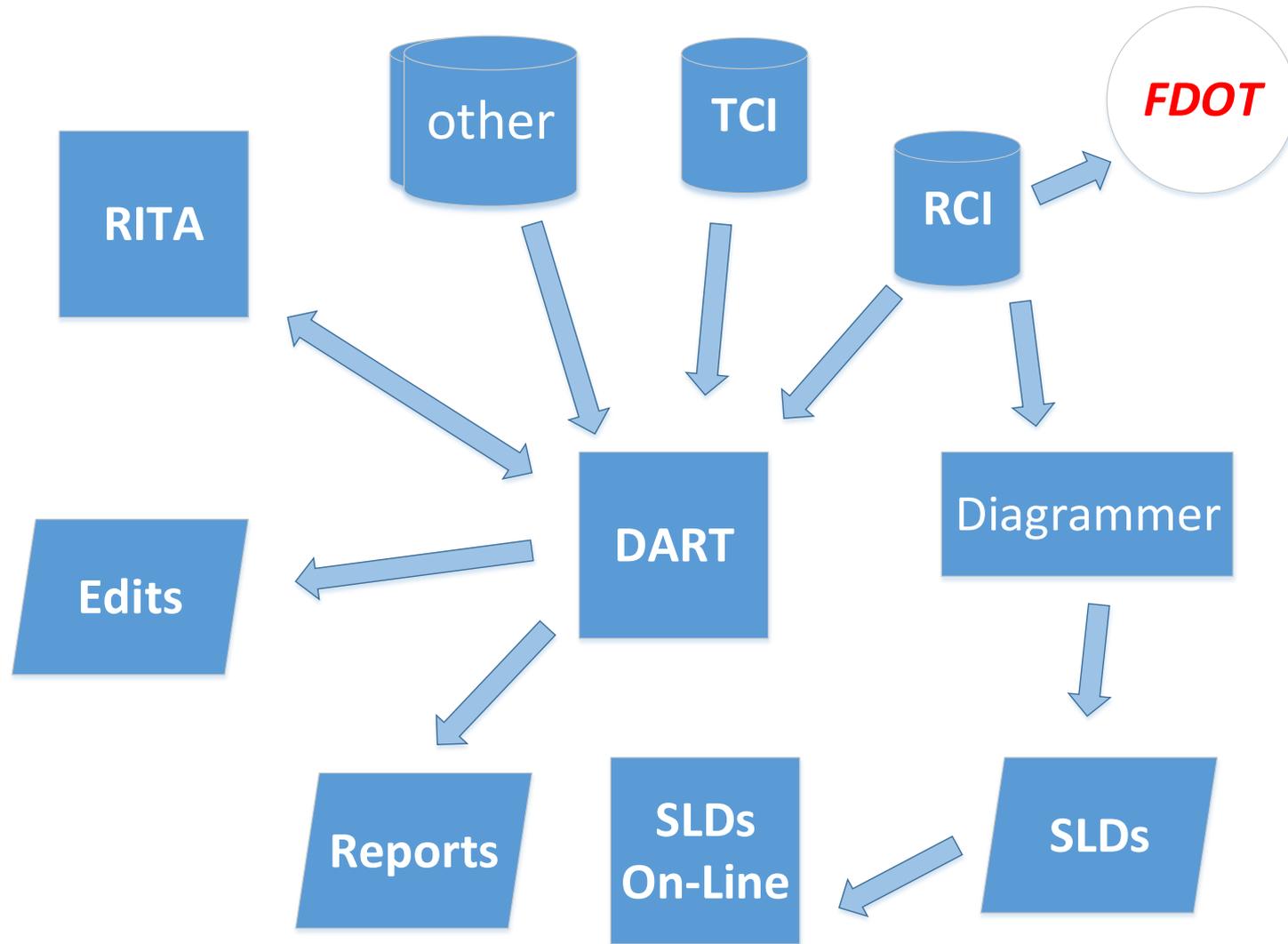
NOTE: Do not press the Back button. Click the Home Page link above to Search again.

PDF File	County Name	District	Date Uploaded
26000000_Alachua County Keysheet.pdf	ALACHUA	D2	12/7/2015
26003000.pdf	ALACHUA	D2	5/19/2016
26004000.pdf	ALACHUA	D2	8/11/2015
26005000.pdf	ALACHUA	D2	5/6/2016
26010000.pdf	ALACHUA	D2	2/2/2016
26020000.pdf	ALACHUA	D2	3/31/2016
26020064.pdf	ALACHUA	D2	5/6/2016
26030000.pdf	ALACHUA	D2	3/18/2016
26040000.pdf	ALACHUA	D2	5/6/2016
26050000.pdf	ALACHUA	D2	9/29/2015



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Conceptual Leveraging of Applications



Conceptual Leveraging of Applications



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- Data