

Florida Department of Transportation

RCI USER MANUAL

(How to use and update RCI data)

Read Only Mode . **Roadway Characteristics Inventory** **Help** **Login**
 2/26/2014 10:57AM EST

Main Feat/Char Roadway ID Routes Reports History Other

RCI Application

Help **External Links** **RCI News from...**

- [RCI Information](#)
- [Frequently Asked Questions](#)
- [Glossary](#)
- [RCI CBT](#)

- [Video Log](#)
- [GIS Enterprise View](#)
- [Straight-Line Diagram \(SLD\)](#)
- [Pavement Marking Management System](#)
- [Planning Office](#)
- [Maintenance Office](#)
- [Traffic Operations Office](#)
- [Roadway Design Office](#)

Business Contacts: [How to Setup](#)

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

RCI Manuals:

- [Train the Trainer Manual](#) (pdf. 2800 kb)
- [Planning Office RCI Features & Characteristics Handbooks](#)
- [Maintenance RCI Handbook \(Central Office\)](#) (pdf. 845 kb)
- [Traffic Operations Handbook](#)
- [FHWA's HPMS Field Manual](#)

Read Only Mode . **Roadway Characteristics Inventory** **Help** **Login**
 2/26/2014 11:03AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Find a Roadway ID

Short Cut

Roadway ID: [View](#)

Enter 2, 5, or 8 digits

OR

If a Roadway ID is not known, select a Managing District and County OR City where the road is located. The "Other Optional Filters" are also available, any may be left blank. When entering a Route Name or a Local Name, please enter one and not both.

Select One or More:

Managing District: Please Select...

County: Please Select...

OR

City:

Other Optional Filters:

Route ID:

Read Only Mode . **Roadway Characteristics Inventory** **Help** **Login**
 2/26/2014 11:04AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Find Feature Type List Add Characteristics Mass Delete Features

Sort in: Alphabetical Order Numerical Order

Feature Type List

Features	111 STATE ROAD SYSTEM	217 SIDEWALKS	323 SCHOOL ZONES
	112 FEDERAL SYSTEM	219 INSIDE SHOULDERERS	326 TRAFFIC MONITORING SITES
	113 AASHTO	220 NON CURVE INTERSECTION POINT	330 TRAFFIC FLOW BREAK STATION
	114 LOCAL SYSTEM	221 HORIZONTAL CURVE	331 TRAFFIC FLOW BREAKS
	118 HPMS	230 SURFACE DESCRIPTION	341 LIGHTING SYSTEM
	119 HPMS UNIVERSE	232 SURFACE LAYERS	361 MOTORIST AID SYSTEM
	120 TYPEROAD	233 BASE	360 TOLL PLAZAS
	121 FUNCTIONAL CLASSIFICATION	241 CROSSDRAINS	361 SERVICE PLAZAS
	122 FACILITY CLASSIFICATION	242 STORM SEWERS	411 ROADSIDE MOWING
	124 URBAN CLASSIFICATION	243 OFF ROADWAY AREAS	412 WEED CONTROL
	125 ADJACENT LAND CLASSIFICATION	245 ROADSIDE DITCHES	413 LANDSCAPE AREA
	137 MAINTENANCE AREA BOUNDARY	251 INTERSECTION	421 ROADSIDE DITCH CLEANING
	138 ROADWAY ALIGNMENT	252 INTERCHANGES	422 MEDIAN DITCH CLEANING
	139 NEW ALIGNMENT	253 RAILROADS	431 PARKS AND REST AREAS
	140 SECTION STATUS EXCEPTION	256 TURNOUTS	443 DELINEATORS
	141 STATIONING EXCEPTIONS	257 CROSSOVERS	451 STRIPING
	142 MANAGED LANES	258 STRUCTURES	452 SYMBOLS AND MESSAGES
	143 ASSOCIATED STATION EXCEPTION	271 GUARDRAIL	453 CROSS WALKS
	144 FLA INTRASTATE HVY SYSTEM	272 FENCING	454 STOP BARS
	145 LEVEL OF SERVICE INPUT DATA	275 MISC CONCRETE STRUCTURES	455 RAISED PAVEMENT MARKERS
	146 ACCESS MANAGEMENT	311 SPEED ZONE	456 RETROREFLECTIVITY MEASUREMENT
	147 STRATEGIC INTERMODAL SYSTEM	312 TURNING RESTRICTIONS	457 RETROREFLECTIVITY PARAMETERS
	212 THRU LANES	313 PARKING	460 ATTENUATORS
	213 AUXILIARY LANES	320 MILE MARKER SIGNS	480 HIGHWAY SIGNS
	214 OUTSIDE SHOULDERERS	322 SIGNALS	481 HIGHWAY MAINT. CLASSIFICATION
	215 MEDIAN		901 RAIL LINE FACILITY
	216 BIKE LANES/PED SIDEWALK		

Short Cut Roadway Route
 ID: *Feat. Number: Beg. MP: End. MP: Side: Offset: Characteristic Code: View

* Indicates a required field

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

Roadway Characteristics Inventory

(General Interest Roadway Data Features and Characteristics)

Published FEBRUARY 2026

The **RCI USER MANUAL** is produced by:

Transportation Data and Analytics Office
Florida Department of Transportation
February 2026

Copies may be downloaded in PDF format from the Transportation Data and Analytics Office website:
<https://www.fdot.gov/statistics/tsopubs.shtm>

Suggestions and Errata

The Transportation Data and Analytics Office desires that the February 2026 RCI User Manual be as useful as possible to those working with the Roadway Characteristics Inventory. Your suggestions for improvement, desired additions, and notice of errors or omissions are welcome. Please send any comments to:

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**Log of Changes for
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Page(s)		Description	Date
1	1	Updated – Accessing RCI hyperlinks and screenshots.	Feb 2026
2	3	Updated – Business contacts and email instructions.	Feb 2026
3	4	Removed – References to obsolete handbooks and manuals (Train the Trainer Manual, Maintenance RCI Handbook, Traffic Operations Handbook).	Feb 2026
4	4	Removed – Video Log from Other Application Links section.	Feb 2026
5	10	Updated – Values for Overall Status and Type (Road Type).	Feb 2026
6	29	Removed – Job Output Retrieval section.	Feb 2026
7	29	Removed – Consistency Edits from Reports section.	Feb 2026
8	52	Removed – Glossary.	Feb 2026

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RCI TABS OVERVIEW

The purpose of this manual is to provide you with process steps for completing tasks and to provide general information about the Roadway Characteristics Inventory (RCI) database. The RCI database supports the business processes for the identification, collection, storage, and retrieval of roadway information. A multitude of applications throughout the Department use RCI data.

Navigating and understanding the RCI database is a learning process. Please take the time to explore and become familiar with its functions.

Accessing RCI

Use this link, <https://rci.dot.state.fl.us/default.asp>, or follow the directions below.

Navigate to TDA's SharePoint site (<https://fldot.sharepoint.com/sites/FDOT-TDA>).

Click Applications then.....Click **Roadway Characteristics Inventory (RCI)**.

The image shows two screenshots of a SharePoint site. The left screenshot shows the 'Applications' section with a grid of icons. The 'Roadway Characteristics Inventory (RCI)' icon is highlighted with a red box. The right screenshot shows the detailed view of the 'Roadway Characteristics Inventory (RCI)' application, which is also highlighted with a red box.

NOTE: Users can create a bookmark for the page to the right.

Upon accessing the RCI application, you are in read only mode. This means you cannot update any RCI data, however, you can run reports.

In order to update data, you must click **Login** in the top right corner. This requires a user ID, password, and resource access control facility (RACF) authority.

The image shows the 'Roadway Characteristics Inventory' application interface. At the top, there is a navigation bar with tabs: Main, Feat/Char, Roadway ID, Routes, Reports, History, Help, Login, and Other. The 'Help' and 'Login' buttons are visible in the top right corner. The main content area is titled 'RCI Application' and contains several sections: 'Help' (with links to RCI Information, FAQ, Glossary, and RCI CBT), 'External Links' (with links to Video Log, GIS Enterprise View, SLD, and Pavement Marking Management System), 'RCI News from...' (with links to Planning Office, Maintenance Office, Traffic Operations Office, and Roadway Design Office), 'Business Contacts' (with a link to 'How to Setup'), and 'RCI Manuals' (with links to various manuals and handbooks).

RCI Tabs Overview

RCI opens with a primary screen presenting seven option tabs, each leading to a different function of the program. This manual will cover each tab in detail as it relates to basic RCI general interest functions. The seven tabs are:

◆ Main	◆ Roadway ID	◆ Reports	◆ Other
◆ Feat/Char	◆ Routes	◆ History	

NOTE: Throughout the application, tabs do not save roadway ID numbers or selected information only sub-tabs retain data.

If you login and have RACF authority, then text boxes and dropdown menus activate. Otherwise, data is read only and editing options are disabled.

Main Tab

The **Main** tab is RCI's primary screen. This tab contains links to handbooks, manuals, web applications, and offices under three heading categories:

- ◆ Help
- ◆ External Links
- ◆ RCI News from...

Feat/Char Tab (Features and Characteristics)

The **Feat/Char** tab provides two methods to find feature/characteristics data. Its sub-tabs are:

◆ Find	◆ Add Characteristics
◆ Feature Type List	◆ Mass Delete Features

Roadway ID Tab

The **Roadway ID** tab offers search criteria for finding roadway IDs. Its sub-tabs are:

◆ Find	◆ Route List
◆ Feature Data	◆ Detail

Routes Tab

The **Routes** tab helps find a route by searching its route ID, route type, county, or name. It has no sub-tabs.

Reports Tab

The **Reports** tab allows you to generate reports. You do not need to be logged in to run reports. Its sub-tabs are:

◆ Standard	◆ User – no longer supported
◆ Historical	◆ Ad Hoc – no longer supported

History Tab

The **History** tab allows you to view past RCI data. It has no sub-tabs. Search by using one of the following three areas:

- ◆ Features and Characteristics History
- ◆ Roadway ID History
- ◆ Route History

Other Tab

The **Other** tab contains RCI administrative items and includes the View/Update/Delete Roadway ID screen. Only users with proper authority may update administrative data. Its sub-tabs are:

- ◆ Administrative Function
- ◆ Import Data
- ◆ Export Data

Help Button

A **Help** button appears in the top right corner of almost every screen, and it will provide information regarding the current screen. The *Online Help* screen provides information about purpose, buttons, data fields, navigation, choosing proper data entries, and understanding the terminology used.

Login/Logoff Button

To login or logoff RCI at any time, click the **Login/Logoff** button located in the top right corner of the screen.

The **Main** tab is the default screen for the RCI application. It contains links for definitions, training, office emails, handbooks and manuals, external applications, and news from owning offices. A **Help** button, in the top right corner, also provides assistance to understand the **Main** tab better. The three sections of the **Main** tab are:

- Help
- External Links
- RCI News from....

Read Only Mode

Roadway Characteristics Inventory

Main Feat/Char Roadway ID Routes Reports History Other

12/2/2025 4:06PM EST

RCI Application

Help	Other Application Links	RCI News from...
<ul style="list-style-type: none"> RCI System Information Glossary <p>Business Contacts:</p> <ul style="list-style-type: none"> Planning Office Maintenance Office Traffic Operations Office <p>RCI Manuals:</p> <ul style="list-style-type: none"> RCI Handbooks - All Features & Characteristics Traffic Operations Handbook FHWA's HPMS Field Manual (Outside Link) 	<ul style="list-style-type: none"> Data Analysis and Reporting for Transportation Systems (DART) GIS Enterprise View Straight-Line Diagram (SLD) 	<ul style="list-style-type: none"> Planning Office Maintenance Office Traffic Operations Office

Get Adobe Reader

Microsoft EDGE is the recommended browser for RCI.

FLORIDA DEPARTMENT OF TRANSPORTATION

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

FDOT IT
OFFICE OF INFORMATION TECHNOLOGY

Help Section

The help section provides links to general information of interest to the RCI user. Specific subjects include the following:

- RCI Information – Provides you with information about the RCI system
- Frequently Asked Questions – Provides a listing of frequently asked questions and answers relating to RCI provided by the Transportation Data and Analytics Office.
- Glossary – Produces definitions of RCI terms.
- RCI CBT (Computer-based Training) – These training courses present overview information for the RCI application, handbooks, SLDs, and other subjects. The information provided is brief and is a general overview. For more complete and detailed training, please contact CO-RCI@dot.state.fl.us.

Business Contacts

Provides a contact email for each office. The **How to Setup** link is outdated, please ignore it. Contact emails are provided for:

- Transportation Data and Analytics Office – CO-RCI@dot.state.fl.us
- Office of Maintenance – CO-RCI_Maintenance_Contacts@dot.state.fl.us
- Traffic Engineering and Operations Office – CO-RCI_Traffic_Operations_Contacts@dot.state.fl.us

RCI Manuals

This provides links to various RCI reference documents. Users can read, reference the documents online, or download them for printing. The reference documents listed are:

- RCI Handbooks – This link takes you to the Transportation Data and Analytics Office publications page, which includes links for the, RCI Handbook, Transportation System Designations and Road Jurisdiction Transfer Handbook, Urban Area Boundary and Functional Classification Handbook, Traffic Monitoring Handbook Straight Line Diagram Handbook, Quality Assurance Review Handbook, District Quality Evaluation Handbook and related FDOT Procedures.
- Traffic Engineering Manual – This link takes you to the Traffic Engineering Manual (TEM). The TEM provides traffic engineering standards and guidelines to be used on the State Highway System. The manual covers the process whereby standards and guidelines are adopted, as well as chapters devoted to highway signs, traffic signals, markings, and specialized operational topics.
- FHWA's HPMS Field Manual – This link accesses the Federal Highway Administration's Highway Performance Monitoring System (HPMS) Field Manual, which provides information on requirements for HPMS.

Other Application Links Section

The Other Application Links section presents links to external programs. These include:

- Data Analysis and Reporting for Transportation Systems (DART) – The DART web application provides data validation and reporting for RCI. Multiple roadway data reports are easily accessed through a common interface that also provides feedback to the user on the status of their report processing.
- GIS Enterprise View – An online mapping application where you can display various levels of information layers. No login is required. A help link is available at the top right-hand corner.
- Straight-line Diagram (SLD) – An online application for viewing SLDs on the SHS. It consists of a map search or dropdown search according to District, county, or roadway. For more information on SLDs, refer to the SLD Handbook.

RCI News from... Section

This section provides access to news and information relating to RCI from the Planning, Maintenance, Traffic Operations, and Roadway Design Offices. Click on the appropriate link to access this information.

FINDING A ROADWAY ID**Roadway ID Tab**

The **Roadway ID** tab helps you find roadway IDs and view roadway ID data. The **Roadway ID** tab's primary screen is the *Find a Roadway ID* screen, but this is also the Find sub-tab. There are four sub-tabs within the **Roadway ID** tab, however, they are not shown on the primary screen.

Its four sub-tabs are:

- Find – Enables you to search for roadway IDs (see page 5).
- Feature Data – Lists all coded features for the roadway ID (see page 8).
- Route List – Shows route IDs for any interstate, US route, state road, or county road associated with the roadway ID (see page 9).
- Detail – Displays the *View//Update/Delete Roadway ID (V/U/D)* screen (see page 9).

Find Sub-tab

The *Find a Roadway ID* screen is divided into two sections, separated by a horizontal “OR” divider. It provides two ways to access roadway ID information, a short cut method and a filter method.

Short Cut Method

Use this to view known roadway IDs. Enter the eight-digit roadway ID then click **View**. The result displays on the *V/U/D* screen.

The short cut method also functions as a search by entering two or five digits of a roadway ID. Entering two digits produces all roadways in a county. Entering five digits produces all roadways with the matching county code and section numbers. The results display on the *Roadway ID List* screen.

Filter Method

When a roadway ID is unknown, the bottom half of the screen contains several filters to help find it.

- Managing District (required) – Refers to the District that manages and maintains the roadway ID.
- County (required) – Refers to the county name in which the roadway ID resides. Select the county from the dropdown list containing county names listed alphabetically.
- City (required) – A field to enter a city name or FIPS code.
- Route Name – A field to enter the route name.
- Local Name – A field to enter the Local Name (LOCALNAM) of the roadway. Enter it exactly as it appears in RCI.
- Roadway ID Type – A dropdown list of roadway types.
- Overall Status – A dropdown list of overall statuses.

NOTE: Of the three required fields, only one needs to be filled out before searching. All other fields are optional.

After selecting the necessary information, click **Find**. The results display on the *Roadway ID List* screen.

Roadway ID List Screen

The *Roadway ID List* screen lists all roadway IDs that match the criteria selected. It contains an Information Selected header and a roadway ID list table. Clicking on the roadway ID link opens the *V/U/D* screen.

 Roadway Characteristics Inventory   Main Feat/Char Roadway ID Routes Reports History Other													
Roadway ID List													
Information Selected County: 01 - CHARLOTTE Local Name: test rd  													
Roadway ID List Table <table border="1"> <thead> <tr> <th>Roadway ID</th> <th>Overall Description</th> <th>Local Name</th> <th>Route Name</th> <th>City</th> <th>Net Length</th> </tr> </thead> <tbody> <tr> <td>01999999</td> <td>TEST ROAD</td> <td>TEST RD</td> <td></td> <td></td> <td>18.180</td> </tr> </tbody> </table>  		Roadway ID	Overall Description	Local Name	Route Name	City	Net Length	01999999	TEST ROAD	TEST RD			18.180
Roadway ID	Overall Description	Local Name	Route Name	City	Net Length								
01999999	TEST ROAD	TEST RD			18.180								

Information Selected

Displays the search criteria chosen for quick reference.

Roadway ID List Table

Each roadway ID listed contains specific data in a table format such as:

- Roadway ID – Link to the *V/U/D* screen.
- Overall Description – Taken from the *V/U/D* screen.
- Local Name – Taken from Feature 114.
- Route Name – Taken from Features 111 and/or 113.
- City – Taken from Feature 124.
- Net Length – Gross length minus exception(s) length.
- Next and Previous Buttons – Used to navigate multiple pages of results.

View/Update/Delete Roadway ID Screen

The *V/U/D* screen is a key screen in RCI and provides roadway ID summary information.

 Roadway Characteristics Inventory   Main Feat/Char Roadway ID Routes Reports History Other																									
View/Update/Delete Roadway ID																									
Roadway ID: 01999999 Managing District: DISTRICT 1 - BARTOW County: 01 - CHARLOTTE Geographic District: DISTRICT 1 - BARTOW Section: 999 General Compass Direction: NORTHEAST Sub-Section: 999 System: STATE HIGHWAYS Beg. Mile Point: 0 000 State Highway System: PRIMARY End. Mile Point: 18.180 Controlling City: Gross Length: 18.18 RCI Section Established Date: 04/15/2013 Net Length: 18.180 (MM/DD/YYYY) State Owned: 100% Stationing Exceptions Exist? NO Overall Status: ACTIVE ON THE SHS Feature/Characteristics Exist? YES Type: MAINLINE FM Project Exist? NO Mode Type: ROADWAY Governmental Jurisdiction: STATE DEPT. OF TRANSPORTATION Overall Description:																									
   Last Updated By: RCIUSR1 On: 05/28/2013																									
<table border="1"> <thead> <tr> <th>Beg. MP</th> <th>End. MP</th> <th>Feature/Characteristic</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td>10.023</td> <td>114 - LOCAL NAME OF FACILITY</td> <td>TEST RD</td> </tr> <tr> <td>2.000</td> <td>14.000</td> <td>114 - SCENIC HIGHWAY</td> <td>JCPMH - JC PENNEY MEM HWY</td> </tr> <tr> <td>10.023</td> <td>18.180</td> <td>114 - LOCAL NAME OF FACILITY</td> <td>TES TER</td> </tr> <tr> <td>0.000</td> <td>18.180</td> <td>120 - TYPE OF ROAD</td> <td>2 - DIVIDED</td> </tr> <tr> <td>0.000</td> <td>18.180</td> <td>140 - SECTION STATUS EXCEPTION</td> <td>02 - ACTIVE ON THE SHS</td> </tr> </tbody> </table>		Beg. MP	End. MP	Feature/Characteristic	Value	0.000	10.023	114 - LOCAL NAME OF FACILITY	TEST RD	2.000	14.000	114 - SCENIC HIGHWAY	JCPMH - JC PENNEY MEM HWY	10.023	18.180	114 - LOCAL NAME OF FACILITY	TES TER	0.000	18.180	120 - TYPE OF ROAD	2 - DIVIDED	0.000	18.180	140 - SECTION STATUS EXCEPTION	02 - ACTIVE ON THE SHS
Beg. MP	End. MP	Feature/Characteristic	Value																						
0.000	10.023	114 - LOCAL NAME OF FACILITY	TEST RD																						
2.000	14.000	114 - SCENIC HIGHWAY	JCPMH - JC PENNEY MEM HWY																						
10.023	18.180	114 - LOCAL NAME OF FACILITY	TES TER																						
0.000	18.180	120 - TYPE OF ROAD	2 - DIVIDED																						
0.000	18.180	140 - SECTION STATUS EXCEPTION	02 - ACTIVE ON THE SHS																						

Find a Roadway ID Using the Other Tab

Select the View/Update/Delete Roadway ID radio button.

 Roadway Characteristics Inventory   Main Feat/Char Roadway ID Routes Reports History Other	
Administrative Functions	
Most Functions Require Appropriate Security Authorization.	
Feature Type: <input type="radio"/> Add Feature Type <input type="radio"/> Add Characteristic Type <input type="radio"/> View/Update/Delete Feature Type <input type="radio"/> View/Update/Delete Characteristic Type Route: <input type="radio"/> Add Route <input type="radio"/> Add Roadway ID <input type="radio"/> View/Update/Delete Route <input type="radio"/> View/Update/Delete Roadway ID <input type="radio"/> Route Sequencing Off-line Processes: <input type="radio"/> Add Off-line Jobcard Information <input type="radio"/> View/Update/Delete Off-line Jobcard Information	

Enter a roadway ID number then click **View**, the resulting page will be the *V/U/D* screen.

Find a Roadway ID Using the Routes Tab

The **Routes** tab displays segments of routes. Each segment has a corresponding roadway ID link. Enter a route ID then click **View**. On the *Route Detail* screen, the roadway ID link takes you to the *V/U/D* screen.

Order Num.	Beg. Route MP	Roadway ID	Seg. MP	End. MP	Segment Type	Route Side	Distance Calc	Route vs. Section	Connected to Roadway Segment	Connected to MP
1	0.000	70011000	0.000	3.358	MAINLINE	NO	Exclude Code	Section Direction	PLUS	

Find a Roadway ID Using the Feat/Char Tab

Use the **Feat/Char** tab's short cut method to find a roadway ID.

Short Cut Method

The short cut method involves filling out the fields in the short cut then clicking **View**. This area contains both required and optional fields. The required fields are:

- ID – Enter a roadway ID or route.
- Feat. Number – Enter a feature number.

Optional fields include:

- Beg. MP – Enter a beginning milepoint (BMP).
- End. MP – Enter an ending milepoint (EMP).
- Side – Select composite, left, or right from the dropdown list.
- Offset – Select right & left, right, or left from the dropdown list.
- Characteristic Code – Enter the characteristic code.

NOTE: This short cut is available at the bottom of every page throughout the **Feat/Char** tab.

Using the short cut method will open the *Feature and Characteristics List* screen. Click on one of the blue characteristic links to access the *Features and Characteristics Detail List* screen.

Roadway ID: 01999999 Man-Dist: 01 Geo-Dist: 01 County: CHARLOTTE Beg. MP: 0.000 End. MP: 18.180 Net Length: 18.180 Overall Status: ACTIVE ON THE SHS Description: TEST ROAD

Feature 114 - LOCAL SYSTEM

Characteristic		Value	Unit	Side	Offset	Char. Updated
Beg. MP	End. MP	10.000 LOCAL NAME OF FACILITY	TEST RD	ID	C	RCIUSR1 04/15/2013
6.000	15.000 SCENIC HIGHWAY	JCPMH - JC PENNEY MEM HWY	CD	C		RCIUSR1 04/16/2013
10.000	18.180 LOCAL NAME OF FACILITY	TEST TER	ID	C		RCIUSR1 04/16/2013

Validate **Show Details** **Previous** **Next**

Short Cut

Roadway **Route**

*ID: 01999999 Feat. Number: 114 Beg. MP: End. MP: Side: Offset: Characteristic Code:

Characteristic: LOCALNAM - LOCAL NAME OF FACILITY Value: TEST RD ID

Update **Tied: Beg. & End** **Geospatial** **Char. Updated**
By: RCIUSR1 **On:** 04/17/2013

Description: TEST ROAD **Update** **Delete**

Feature Data Sub-tab

On the primary **Roadway ID** tab screen, the Feature Data sub-tab is not visible. There is no direct access to this sub-tab. It only displays in conjunction with the *V/U/D* screen. This sub-tab contains every feature that has been coded for the roadway. It displays the *Feature Data for Roadway ID* screen.

Feature Data for Roadway ID Screen

This screen has two parts, header information and features listing.

Roadway ID: 01999999 Man-Dist: 01 Geo-Dist: 01 County: CHARLOTTE Beg. MP: 0.000 End. MP: 18.180 Net Length: 18.180 Overall Status: ACTIVE ON THE SHS Description: TEST ROAD

Header Information

Features Listing

Features			
113	AASHTO	120	TYPEROAD
114	LOCAL SYSTEM	251	INTERSECTION

Header Information

- Roadway ID – Link to the *V/U/D* screen.
- Man-Dist – The managing district.
- Geo-Dist – The geographic district.
- County – The county.
- Beg. MP – The BMP.
- End. MP – The EMP.
- Net Length – Gross length minus exception(s) length.
- Overall Status – Taken from the *V/U/D* screen.
- Description – The overall description taken from the *V/U/D* screen.

Features Listing

- Sort feature (sort alphabetically or numerically).
- Feature number.
- Feature name link (opens the *Feature and Characteristics List* screen).

Route List Sub-tab

On the primary **Roadway ID** tab screen, the Route List sub-tab is not visible. There is no direct access to this sub-tab. It only displays in conjunction with the *V/U/D* screen. This sub-tab lists every interstate, US route, state road (SR), and county road (CR) associated with the roadway ID. It displays the *Route List for Roadway ID* screen.

Route List for Roadway ID Screen

This screen has two parts, the header information and routes listing.

Header Information	
Routes Listing	

Header Information

- Roadway ID – Link to the *V/U/D* screen.
- Man-Dist – The managing district.
- Geo-Dist – The geographic district.
- County – The county.
- Beg. MP – The BMP.
- End. MP – The EMP.
- Net Length – Gross length minus exception(s) length.
- Overall Status – Taken from the *V/U/D* screen.
- Description – The overall description taken from the *V/U/D* screen.

Routes Listing

- Route ID – Link to the *Route Detail* screen.
- Name – Gives the local name of the route.
- Total Segments – Number of total segments for the route.
- Total Gaps – Number of total gaps for the route.
- Route Length – Its length in miles.

Detail Sub-tab

On the primary **Roadway ID** tab screen, the Detail List sub-tab is not visible. There is no direct access to this sub-tab. It only displays in conjunction with the *V/U/D* screen. The *V/U/D* screen is this sub-tab's primary screen.

View/Update/Delete Roadway ID Screen

A more detailed explanation is given in the RCI Planning Data Handbook.

Description																									
Roadway ID Table	<table border="1"> <thead> <tr> <th>Beg. MP</th><th>End. MP</th><th>Feature/Characteristic</th><th>Value</th></tr> </thead> <tbody> <tr> <td>0.000</td><td>10.023 114</td><td>LOCAL NAME OF FACILITY</td><td>TEST RD</td></tr> <tr> <td>2.000</td><td>14.000 114</td><td>SCENIC HIGHWAY</td><td>JCPMH - JC PENNEY MEM HWY</td></tr> <tr> <td>10.023</td><td>18.180 114</td><td>LOCAL NAME OF FACILITY</td><td>TES TER</td></tr> <tr> <td>0.000</td><td>18.180 120</td><td>TYPE OF ROAD</td><td>2 - DIVIDED</td></tr> <tr> <td>0.000</td><td>18.180 140</td><td>SECTION STATUS EXCEPTION</td><td>02 - ACTIVE ON THE SHS</td></tr> </tbody> </table>	Beg. MP	End. MP	Feature/Characteristic	Value	0.000	10.023 114	LOCAL NAME OF FACILITY	TEST RD	2.000	14.000 114	SCENIC HIGHWAY	JCPMH - JC PENNEY MEM HWY	10.023	18.180 114	LOCAL NAME OF FACILITY	TES TER	0.000	18.180 120	TYPE OF ROAD	2 - DIVIDED	0.000	18.180 140	SECTION STATUS EXCEPTION	02 - ACTIVE ON THE SHS
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0.000	18.180 140	SECTION STATUS EXCEPTION	02 - ACTIVE ON THE SHS																						

Description

- Roadway ID – The eight-digit roadway ID number.
- County – The county code and county name where the roadway exists.
- Section – Taken from the roadway ID.
- Sub-section – Taken from the roadway ID.
- Beg. Mile Point – The milepoint assigned to the beginning point of a roadway ID.
- End. Mile Point – The milepoint assigned to the ending point of a roadway ID.

- ◆ Gross Length – The EMP minus the BMP.
- ◆ Net Length – Gross length minus the exception(s) length.
- ◆ State Owned – The percentage of roadway length owned by the State. This is automatically calculated by the RCI system.
- ◆ Overall Status – Indicates the assigned functionality of the entire roadway segment as coded in Feature 140. The following overall statuses are:
 - 01 – Pending
 - 02 – Active On the SHS
 - 04 – Inactive
 - 05 – Deleted
 - 07 – Active Exclusive
 - 09 – Active Off the SHS
 - 10 – GIS Route
 - 12 – Active with Combination
 - 16 – Local Roads with FM Projects
 - 17 – Active Off Exclusive
 - 81 – Pending Non-Motorized Way
 - 82 – Active Non-Motorized Way
 - 83 – Combo Non-Motorized Way
 - 84 – Inactive Non-Motorized Way
 - 85 – Deleted Non-Motorized Way
 - 91 – Pending Rail Line
 - 92 – Active Rail Line
 - 94 – Inactive Rail Line
- ◆ Type (Road Type) – Provides a consistent way to determine road inventory needs. They are not relevant for other purposes, such as highway access or highway design. The following types are:
 - 00 – Mainline
 - 01 – Ramp
 - 02 – Access Road
 - 03 – Frontage Road
 - 08 – Managed Lane
 - 10 – Pier
 - 11 – Collector-Distributor
 - 20 – Service Road
 - 90 – Rail Line
- ◆ Mode Type – Indicates the mode of travel. These modes are:
 - Non-motorized Way
 - Rail Line
 - Roadway
- ◆ Governmental Jurisdiction – Refers to the government body that is legally responsible for the maintenance of the roadway. The most widely used ones in the State of Florida are listed below:
 - 01 – State Dept. of Transportation (maintained by the state)
 - 02 – County (maintained by a specific county)
 - 04 – Municipal (maintained by a specific city)
 - 21 – State Toll Authority (maintained by the state, must have OWNAUTH and TOLLROAD coded in Feature 122)
- ◆ Overall Description – The common local name for the roadway, i.e. MAIN ST SW
- ◆ Managing District – The District that manages the roadway.
- ◆ Geographic District – The District in which the roadway exists. For example, roadway ID 08470001 is managed by Turnpike, but its geographic District is District 7.
- ◆ General Compass Direction – The predominant direction of the roadway.
 - 1 – North
 - 2 – Northeast
 - 3 – East
 - 4 – Southeast
 - 5 – South
 - 6 – Southwest
 - 7 – West
 - 8 – Northwest
- ◆ System – Describes the system on which the road resides
 - 10 – Federal Highways Only
 - 11 – State Highways
 - 12 – County Roads
 - 13 – City Streets
 - 14 – State Park Roads
 - 15 – Private Roads
 - 90 – SIS Rail Line
- ◆ State Highway System – A general description for the majority of the road.
 - 1 – Interstate
 - 2 – Turnpike
 - 3 – Primary
 - 4 – Int./Art
 - 9 – None
- ◆ Controlling City – The current place code and city name.
- ◆ RCI Section Established Date – The origination date of the roadway ID.
- ◆ Stationing Exceptions Exist? – If yes, then there are stationing exceptions. If no, then there are no exceptions.
- ◆ Feature/Characteristics Exist? – If yes, then features and characteristics exist. If no, then there are none.
- ◆ FM Projects Exist? – If yes, then FM projects exist. If no, then they do not exist.
- ◆ Update/Delete Buttons – Used for updating or deleting roadway IDs. This requires RACF authority.
- ◆ Enterprise Button – A button that opens the Enterprise GIS application.
- ◆ Last Updated By – Gives the user ID of the person who last updated anything on the V/U/D screen. A date is also given.

Roadway ID Table

- ◆ Beg. MP – BMP of the characteristic.
- ◆ End. MP – EMP of the characteristic.
- ◆ Feature/Characteristic – Displays the feature number and characteristic name.
- ◆ Value – Displays the value/code.

The **Feat/Char** tab is used to find data on a specific roadway, look up features and characteristics, add characteristics data, and mass delete features. Its sub-tabs are:

- Find – Helps you find features and characteristics for a roadway ID. This is also the primary screen.
- Feature Type List – Provides an alphabetical or numerical list of all feature types.
- Add Characteristics – Controls the function to add characteristics.
- Mass Delete Features – Allows the deletion of a feature and related characteristics for a given roadway ID.

Below is the **Feat/Char** tab's primary screen. It is divided into two sections separated by a horizontal “OR” divider. The top portion contains the short cut and the bottom contains filters for searching.

Find Sub-tab

The Find sub-tab opens the *Find Features and Characteristics* screen. This screen facilitates searching for features and characteristics data for a specific roadway two basic ways: the short cut method and the filter method.

Find Features and Characteristics Screen

Short Cut Method

The short cut method involves filling out the fields in the short cut then clicking the view button. This area contains both required and optional fields. The required fields are:

- Roadway ID – Enter a roadway ID number.
- Route ID – Enter a route ID.
- Feat. Number – Enter a feature number.

Optional fields include:

- Beg. MP – Enter a BMP.
- End. MP – Enter an EMP.
- Side – Select composite, left, or right from the dropdown list.
- Offset – Select right & left, right, or left from the dropdown list.
- Characteristic Code – Enter the characteristic code.

NOTE: This short cut is available at the bottom of every page throughout the **Feat/Char** tab.

Using the short cut method will open one of two screens. When searching for a roadway ID, the *Feature and Characteristics List* screen opens. When searching for a route ID, the *Route Roadway Segment List with... Data* screen opens.

Filter Method

The filter method is in the lower portion of the screen, and is used if specific feature and characteristic information is not known. Select one or more of the following fields:

- ◆ Administrative Type – Refers to the management type of features. The dropdown menu contains administrative, maintenance, operational, physical, and rail line.
- ◆ Owning Office – Refers to the jurisdiction or office that manages and maintains the RCI feature. The dropdown menu contains Roadway Design, Transportation Data and Analytics Office, Office of Maintenance, Traffic Eng. & Ops. Office, and Freight and Rail Operations Office.
- ◆ Characteristic Code – Enter the characteristic code if known.
- ◆ Sort Features – Sort the feature alphabetically or numerically.

Feature and Characteristics List Screen

The *Feature and Characteristic List* screen identifies characteristics for a particular roadway ID. This screen is divided into two areas: the RCI header information and the feature data list. These are described below.

Roadway Characteristics Inventory																																														
Main		Feat/Char		Roadway ID		Routes																																								
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RCI Header Information

- ◆ Roadway ID – Clicking on the link opens the *V/U/D* screen.
- ◆ Man-Dist – The managing District.
- ◆ Geo-Dist – The geographic District.
- ◆ County – County in which the road is located.
- ◆ Beg. MP – BMP of the roadway ID.
- ◆ End. MP – EMP of the roadway ID.
- ◆ Net Length – The gross length minus the exception(s) length.
- ◆ Overall Status – States whether a road is on or off the State Highway System.
- ◆ Description – Reflects the overall description as shown on the *V/U/D* screen.
- ◆ Video Log – A link that opens the Video Log homepage.
- ◆ Enterprise GIS – A link that opens the Enterprise GIS application.

Feature Data List

- ◆ Feature number, feature name, type of feature/interlocking or non-interlocking.
- ◆ Beg. MP – BMP of the characteristic.
- ◆ End. MP – EMP of the characteristic.
- ◆ Characteristic – The name of the characteristic. The name is also a link that opens the *Feature and Characteristics Details List* screen.
- ◆ Value – Value or code of the characteristic.
- ◆ Unit – Unit of measurement.
- ◆ Side – The side of the roadway on which the characteristic is found.
- ◆ Char. Updated – Date and name of person who made the changes.
- ◆ Validate Button – Checks the entry for errors and takes you to the *Validate Feature and Characteristics Data* screen for the result(s).
- ◆ Show Details Button – Shows the details for all the characteristics.
- ◆ Hide Details Button – Hides the details for all characteristics.
- ◆ Previous/Next Buttons – Allow for the viewing of previous or next pages when multiple pages exist.

Feature and Characteristics Detail List Screen

Click the characteristic link or show details button to go to the *Feature and Characteristics Detail List* screen. This screen contains all the characteristic details of each characteristic under the feature selected.

- Update Button – Refers to updating characteristic information. Clicking on it updates the changes made.
- Validate Button – Checks the entry for errors and takes you to the *Validate Feature and Characteristics Data* screen for the result(s).
- Hide Details Button – Hides the details for all characteristics.
- Previous/Next Buttons – Allow for the viewing of previous or next pages when multiple pages exist.
- Feature Information – Feature number, name, type, and interlocking or non-interlocking.
- Beg. MP – BMP of the Characteristic.
- End. MP – EMP of the Characteristic.
- Tie Button – Allows you to tie the characteristic to another characteristic.
- Side – Side of roadway on which the characteristic is located.
- Update Checkbox – Used to update information.
- Tied – Shows whether or not the characteristic is tied.
- Latitude and Longitude – Shows the beginning and ending coordinates for latitude and longitude.
- Geospatial Button – Allows you to input latitude, longitude, elevation, datum, projection, and collection method information.
- Location Updated – The last you who changed the milepoint(s) and date changed.
- Characteristic – The characteristic code and its definition.
- Value – The value of the characteristic and its code.
- Update Checkbox – Used to update information.
- Delete Checkbox – Used to delete the characteristic.
- Char. Updated – The last who modified the value and date modified.

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Feature and Characteristics Code List Screen

Each feature name on the *Feature and Characteristics List* screen, *Feature and Characteristics Detail List* screen, and *Characteristic List* screen is a link to the *Feature and Characteristics Code List* screen. This screen lists characteristics along with their description, unit of measurement, code, and code description.

Roadway Characteristics Inventory																																																																																																																													
5/9/2013 10:07AM EST																																																																																																																													
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Route Roadway Segment List with... Data Screen

This screen provides a list of segments on a specified route that contain the specified feature number. To reach this screen, use the **Short Cut** on the Find sub-tab. Select the **Route** radio button, enter an **ID**, enter a **Feature Number**, and then click **View**.

- Include/Exclude Ramps – Offers the choice to include ramps or exclude ramps along the route.
- Order Number – The order the roadway ID appears along that route.
- Beg. Route MP – BMP of the route, not the roadway ID. All routes should begin with 0.000 unless there is a gap at the beginning of the route.
- Roadway ID – The route segment's roadway ID.
- Beg. MP – BMP of the roadway ID and a link to the *Feature and Characteristics List* screen.
- End. MP – Ending milepoint (EMP) of the roadway ID.
- Segment Type – Either mainline or ramp.
- Route Side – Refers to the route designation side of the roadway, whether it is right, center, or left.
- Route vs. Section Direction – Indicates whether or not the milepoints for a given roadway segment are in the same direction as the milepoints (plus) or are in the opposite direction (minus).
- Connected to Roadway Segment – If the route type is ramp, then the roadway ID connecting that ramp to a mainline roadway ID should be entered. This column records the roadway ID mainline that contains the ramp.
- Connected to MP – Milepoint location of the connected roadway segment.
- Previous/Next Buttons – Allow for the viewing of previous or next pages when multiple pages exist.

Read Only Mode Help Login 7/9/2013 9:03AM EST

Roadway Characteristics Inventory

Main Feat/Char Roadway ID Routes Reports History Other

Find Feature Type List Add Characteristics Mass Delete Features

Route Roadway Segment List with 251 - INTERSECTION Data

Selecting a roadway segment's Beg. MP will display a list of features and characteristics for that segment of the route.

Route Roadway Segment List with 251 - INTERSECTION Data		Beg. Route MP 0.000 End. Route MP 36.177							
Route Roadway Segments on Route SR 31		Beg. Route MP 0.000 End. Route MP 36.177							
Order Number	Beg. Route MP	Roadway ID	Beg. MP	End. MP	Segment Type	Route Side	Route vs. Section Direction	Connected to Roadway Segment	Connected to MP
1	0.000	12090000	0.000	4.684	MAINLINE		PLUS		
2	4.684	01030000	0.000	18.337	MAINLINE		PLUS		
3	23.021	04010000	0.000	13.156	MAINLINE		PLUS		

Previous Next

Short Cut

Roadway **Route**

*ID: *Feat. Number: Beg. MP: End. MP: Side: Offset: Characteristic Code:

View

NOTE: If a BMP or EMP is specified, it refers to the roadway milepoint and not the route segment milepoint.

Feature Type List Sub-tab

Feature Type List Screen

The Feature Type List sub-tab opens the *Feature Type List* screen. Sort the RCI features in alphabetical or numerical order. Click one of the feature name links to view the *Characteristic List* screen.

Read Only Mode Help Login 5/9/2013 10:40AM EST

Roadway Characteristics Inventory

Main Feat/Char Roadway ID Routes Reports History Other

Find Feature Type List Add Characteristics Mass Delete Features

Feature Type List

Sort in: **Alphabetical Order** **Numerical Order**

Features

113 AASHTO	145 LEVEL OF SERVICE INPUT DATA	323 SCHOOL ZONES
146 ACCESS MANAGEMENT	341 LIGHTING SYSTEM	140 SECTION STATUS EXCEPTION
125 ADJACENT LAND CLASSIFICATION	114 LOCAL SYSTEM	361 SERVICE PLAZAS
143 ASSOCIATED STATION EXCEPTION	137 MAINTENANCE AREA BOUNDARY	217 SIDEWALKS
460 ATTENUATORS	142 MANAGED LANES	322 SIGNALS
213 AUXILIARY LANES	215 MEDIAN	311 SPEED ZONE
233 BASE	422 MEDIAN DITCH CLEANING	111 STATE ROAD SYSTEM
216 BIKE LANES/PED SIDEWALK	320 MILE MARKER SIGNS	141 STATIONING EXCEPTIONS
453 CROSS WALKS	275 MISC CONCRETE STRUCTURES	454 STOP BARS
241 CROSSDRAINS	351 MOTORIST AID SYSTEM	242 STORM SEWERS
257 CROSSOVERS	139 NEW ALIGNMENT	147 STRATEGIC INTERMODAL SYSTEM
443 DELINEATORS	220 NON CURVE INTERSECTION POINT	451 STRIPING
122 FACILITY CLASSIFICATION	243 OFF ROADWAY AREAS	258 STRUCTURES
112 FEDERAL SYSTEM	248 OUTFALL DITCHES	230 SURFACE DESCRIPTION
272 FENCING	214 OUTSIDE SHOULDERS	232 SURFACE LAYERS
144 FLA. INTRASTATE HWY SYSTEM	313 PARKING	452 SYMBOLS AND MESSAGES
121 FUNCTIONAL CLASSIFICATION	431 PARKS AND REST AREAS	212 THRU LANES
271 GUARDRAIL	901 RAIL LINE FACILITY	360 TOLL PLAZAS
481 HIGHWAY MAINT. CLASSIFICATION	253 RAILROADS	330 TRAFFIC FLOW BREAK STATION
480 HIGHWAY SIGNS	455 RAISED PAVEMENT MARKERS	331 TRAFFIC FLOW BREAKS
221 HORIZONTAL CURVE	456 RETROREFLECTIVITY MEASUREMENT	326 TRAFFIC MONITORING SITES
118 HPMS	457 RETROREFLECTIVITY PARAMETERS	312 TURNING RESTRICTIONS
119 HPMS UNIVERSE	421 ROADSIDE DITCH CLEANING	256 TURNOUTS
219 INSIDE SHOULDERS	245 ROADSIDE DITCHES	120 TYPEROAD
252 INTERCHANGES	411 ROADSIDE MOWING	124 URBAN CLASSIFICATION
251 INTERSECTION	138 ROADWAY REALIGNMENT	412 WEED CONTROL
413 LANDSCAPE AREA		

Short Cut

Roadway **Route**

*ID: *Feat. Number: Beg. MP: End. MP: Side: Offset: Characteristic Code:

View

* Indicates a required field

Read Only Mode Help Login 5/9/2013 10:42AM EST

Roadway Characteristics Inventory

Main Feat/Char Roadway ID Routes Reports History Other

Find Feature Type List Add Characteristics Mass Delete Features

Feature Type List

Sort in: **Alphabetical Order** **Numerical Order**

Features

111 STATE ROAD SYSTEM	217 SIDEWALKS	323 SCHOOL ZONES
112 FEDERAL SYSTEM	219 INSIDE SHOULDERS	326 TRAFFIC MONITORING SITES
113 AASHTO	220 NON CURVE INTERSECTION POINT	330 TRAFFIC FLOW BREAK STATION
114 LOCAL SYSTEM	221 HORIZONTAL CURVE	331 TRAFFIC FLOW BREAKS
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137 MAINTENANCE AREA BOUNDARY	248 OUTFALL DITCHES	421 ROADSIDE DITCH CLEANING
138 ROADWAY REALIGNMENT	251 INTERSECTION	422 MEDIAN DITCH CLEANING
139 NEW ALIGNMENT	252 INTERCHANGES	431 PARKS AND REST AREAS
140 SECTION STATUS EXCEPTION	253 RAILROADS	443 DELINEATORS
141 STATIONING EXCEPTIONS	256 TURNOUTS	451 STRIPING
142 MANAGED LANES	257 CROSSOVERS	452 SYMBOLS AND MESSAGES
143 ASSOCIATED STATION EXCEPTION	258 STRUCTURES	453 CROSS WALKS
144 FLA. INTRASTATE HWY SYSTEM	271 GUARDRAIL	454 STOP BARS
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146 ACCESS MANAGEMENT	275 MISC CONCRETE STRUCTURES	456 RETROREFLECTIVITY MEASUREMENT
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360 TOLL PLAZAS	421 ROADSIDE MOWING	480 HIGHWAY SIGNS
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451 STRIPING	480 HIGHWAY SIGNS	
452 SYMBOLS AND MESSAGES	481 HIGHWAY MAINT. CLASSIFICATION	
453 CROSS WALKS	901 RAIL LINE FACILITY	

Short Cut

Roadway **Route**

*ID: *Feat. Number: Beg. MP: End. MP: Side: Offset: Characteristic Code:

View

* Indicates a required field

Characteristic List Screen

The *Characteristic List* screen shows all characteristics under a particular feature.

The screenshot shows the 'Roadway Characteristics Inventory' application in 'Read Only Mode'. The main menu includes 'Main', 'Feat/Char', 'Roadway ID', 'Routes', 'Reports', 'History', 'Other', 'Help', and 'Login'. The date and time are 4/17/2013 7:59AM EST. Below the menu, buttons for 'Find', 'Feature Type List', 'Add Characteristics', and 'Mass Delete Features' are visible. The title bar says 'Characteristic List'. A note below the title states: 'Selecting a characteristic will populate the "Characteristic Code" in the "Short Cut" on this page.' The 'Header' section shows 'Feature 114 - LOCAL SYSTEM' with 'Owner: TRANSPORTATION STATISTICS OFFICE' and 'Type: LENGTH'. The 'Characteristics Table' section contains a table with two rows:

Select	Code	Description	Measurement Unit
<input type="checkbox"/>	LOCALNAM	LOCAL NAME OF FACILITY	ID
<input type="checkbox"/>	SCENEHWY	SCENIC HIGHWAY	CD

Below the table is a 'Short Cut' section with the following fields:

- Roadway Route
- ID: 114
- *Feat. Number: 114
- Beg. MP:
- End. MP:
- Side:
- Offset:
- Characteristic Code:
-

* Indicates a required field

Header

- Feature Number/Name
- Owner
- Type

Characteristics Table

- Selection checkbox
- Code
- Description
- Measurement Unit

Check a checkbox in the characteristics table section to populate the short cut bar's **Characteristic Code**. Without any selected characteristics, the default view will display all coded characteristics. A range of milepoints can be specified to go directly to known points. If no milepoints are specified, then the default view will display the entire section range starting with the BMP.

Routes Tab

This section instructs you how to search for interstates, US routes, state roads (SRs), and county roads (CRs) using the **Routes** tab. There are no sub-tabs associated with the **Routes** tab. Its primary screen is the *Find a Route* screen. It is divided into two sections, separated by a horizontal “OR” divider. The top section contains the short cut, which can be used to reach the route information quickly if the route ID is known. The bottom section is used if the route ID is not known or if you want to see a list of routes for the selections given.

A route ID is made of four parts. The first part is the route type, which identifies the type of route, such as CR or SR. The second part is the optional prefix, which can be blank, “A” for alternate, or “B” for business. The third part is the route number, which can be up to four digits in length. The last part is the suffix, or an optional letter that can be blank or “A” through “Z.”

A route is a linkage of roadway segments. Segments can be contiguous or non-contiguous. A segment can be a portion of a roadway ID or an entire roadway ID. Sometimes there are gaps between the segments. These are caused by geographical objects, administrative decisions, and if a route extends into another county/state then returns.

The screenshot shows the 'Roadway Characteristics Inventory' software interface. At the top, there is a navigation bar with tabs: 'Main', 'Feat/Char', 'Roadway ID', 'Routes' (which is highlighted with a red arrow), 'Reports', 'History', 'Help' (with a sub-menu showing '3/22/2013 1:59PM EST'), 'Login', and 'Other'. Below the navigation bar, the title 'Roadway Characteristics Inventory' is displayed. The interface is divided into two main sections: 'Short Cut' and 'Filter'. The 'Short Cut' section contains a 'Route ID' input field with examples (US41, CR30E, SRA27) and a 'View' button. The 'Filter' section contains dropdown menus for 'Route Type', 'County', and 'Route Name', and a 'Find' button. To the right of the 'Filter' section, there are 'Sort By' options: 'Route ID, Ascending' (selected), 'Route ID, Descending', and 'Route Name'.

Find a Route Screen

This is the primary screen for the **Routes** tab. It provides two methods for finding route information, a short cut method and a filter method.

Short Cut Method

Use this when the route ID is known. Enter the **Route ID** then click **View**. If multiple routes exist for US routes, interstates, and SRs, the *Route List* screen opens. If multiple routes exist for CRs and off system routes, the *Route List (with Duplicates)* screen opens.

NOTE: Off system routes are not the same as roadways with a section status of Active Off the SHS. An off system route i.e. OS 30, designates an old state road number that was removed from the SHS. Roadways under the old state road system are referred to as off system routes, which happened when a SR was transferred off the SHS to a city or county.

Filter Method

If a route ID is not known, enter one or more of the selections below to find route information:

- Route Type – Dropdown menu containing CR, interstate, off system route, SR, and US route.
- County – Dropdown menu containing county names in alphabetical order.
- Route Name – A specified name unrelated to Features 111, 113, and 114.
- Sort By – Have the results listed numerically or alphabetically.

Click **Find** and the *Route List* screen opens.

The rest of this chapter displays and explains the screens within the **Routes** tab.

Route List (with Duplicates) Screen

This screen displays multiple route IDs that match the search criteria. The reasoning behind this is that CRs and off system routes can have the same name but refer to different routes. Interstates, US routes, and SRs have the same name and refer to the same route. This page contains the following information:

- ◆ Route ID – A link to the *V/U/D* screen.
- ◆ County – Name of county through which the route runs.
- ◆ Name – A specified name unrelated to Features 111, 113, and 114.
- ◆ Total Segments – The number of segments that comprise the route.
- ◆ Total Gaps – The total number of gaps along a route.
- ◆ Route Length – The calculated length of the route.
- ◆ Previous and Next Buttons – Help navigate multiple pages of results.

Route List (with Duplicates)					
Route ID	County	Name	Total Segments	Total Gaps	Route Length
CR 18	BRADFORD		6	0	17.149
CR 18	COLUMBIA		2	0	10.970
CR 18	UNION		1	0	6.402

Clicking a route ID link opens the *Route Detail* screen.

Route Detail Screen

The *Route Detail* screen provides information for all roadway ID segments comprising the route. Ramps may be included or excluded. If ramps are excluded, the order number may appear to have gaps. This screen is comprised of a header section and a roadway segments table.

Header Information		Route Detail																																																						
		Route ID: CR 18 Route Type: COUNTY ROAD County: BRADFORD Route Length: 17.149 Route Name: Route Description:																																																						
		Total Segments: 6 Total Gaps: 0 RCI Established Date: 10/02/2004 Order Updated: PL230CS 11/09/2007 Order Verified:																																																						
		Enterprise GIS																																																						
Roadway Segments Table		<input type="radio"/> Include Ramps <input checked="" type="radio"/> Exclude Ramps Roadway Segments <table border="1"> <thead> <tr> <th>Order Num.</th> <th>Beg. Route MP</th> <th>Roadway ID</th> <th>Beg. MP</th> <th>End. MP</th> <th>Segment Type</th> <th>Route Side</th> <th>Distance Calc Exclude Code</th> <th>Route vs. Section Direction</th> <th>Connected to Roadway Segment</th> <th>Connected to MP</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>0.000</td> <td>28050000</td> <td>0.657</td> <td>10.113</td> <td>MAINLINE</td> <td>NO</td> <td>PLUS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>9.456</td> <td>28080000</td> <td>0.000</td> <td>3.484</td> <td>MAINLINE</td> <td>NO</td> <td>PLUS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>12.940</td> <td>28080000</td> <td>4.046</td> <td>8.255</td> <td>MAINLINE</td> <td>NO</td> <td>PLUS</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>											Order Num.	Beg. Route MP	Roadway ID	Beg. MP	End. MP	Segment Type	Route Side	Distance Calc Exclude Code	Route vs. Section Direction	Connected to Roadway Segment	Connected to MP	4	0.000	28050000	0.657	10.113	MAINLINE	NO	PLUS				5	9.456	28080000	0.000	3.484	MAINLINE	NO	PLUS				6	12.940	28080000	4.046	8.255	MAINLINE	NO	PLUS			
Order Num.	Beg. Route MP	Roadway ID	Beg. MP	End. MP	Segment Type	Route Side	Distance Calc Exclude Code	Route vs. Section Direction	Connected to Roadway Segment	Connected to MP																																														
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6	12.940	28080000	4.046	8.255	MAINLINE	NO	PLUS																																																	

Header Information

- ◆ Route ID – The name of the route.
- ◆ Route Type – Identifies if the route is an interstate, US route, SR, CR, or off system route.
- ◆ Route Length – The calculated length of the route.
- ◆ Route Name – A specified name unrelated to Features 111, 113, and 114.
- ◆ Route Description – Provides additional information about the route.
- ◆ Total Segments – The number of segments that comprise the route.
- ◆ Total Gaps – The total number of gaps along the route.
- ◆ RCI Established Date – The date on which the route was established in RCI.
- ◆ Order Updated – The date when the route order was updated.
- ◆ Order Verified Date – The date shown when route sequencing occurred. This date is input manually.

Roadway Segments Table

- ◆ Include/Exclude Ramps – Offers the choice to include ramps or exclude ramps along the route.
- ◆ Order Number – The order the roadway ID appears along the route.
- ◆ Beg. Route MP – Beginning milepoint (BMP) of the route, not the roadway ID. All routes should begin with 0.000 unless there is a gap at the beginning of the route.
- ◆ Roadway ID – A link to the *V/U/D* screen.
- ◆ Beg. MP – BMP of the roadway ID.
- ◆ End. MP – EMP of the roadway ID.
- ◆ Segment Type – Either mainline or ramp.
- ◆ Route Side – Refers to the route designation side of the roadway, whether it is right, center, or left.
- ◆ Distance Calc Exclude Code – Indicates whether or not to exclude this section from the calculation of a route's distance.
- ◆ Route vs. Section Direction – An indicator that records whether the milepoints for a given roadway segment are in the same direction as the milepoints (plus) or are in the opposite direction (minus).
- ◆ Connected to Roadway Segment – If the route type is ramp, then the roadway ID connecting that ramp to a mainline roadway ID should be entered. This column records the roadway ID mainline that contains the ramp.
- ◆ Connected to MP – Milepoint location of the connected roadway segment.

Route List Screen

If multiple routes exist for interstates, US routes, and SRs, this screen lists all the routes that match the criteria selected by route ID. If multiple routes exist for CRs and off system routes, the *Route List (with Duplicates)* screen opens. The *Route List* screen has two sections, information selected and route ID table.

NOTE: Off system routes are not the same as roadways a with section status of Active Off the SHS. An off system route i.e. OS 30, designates an old state road number that was removed from the SHS. Roadways under the old state road system are referred to as off system routes, which happened when a SR was transferred off the SHS to a city or county.

Roadway Characteristics Inventory						
Main	Feat/Char	Roadway ID	Routes	Reports	History	
Route List						
Information Selected	Information Selected					
Route Type: STATE ROAD	County Name: ALACHUA					
Route ID Table	Sort by Route ID, Ascending	Route ID	Name	Total Segments	Total Gaps	Route Length
		SR_20		39	1	363.526
		SR_24		8	0	71.527
		SR_24_A		1	0	2.201
		SR_25		57	2	415.205
		SR_26		11	0	62.360
		SR_26_A		2	0	1.734
		SR_45		62	0	302.358
		SR_93		553	0	484.417
		SR_120	23D BLVD.	1	0	2.544
		SR_121		12	0	101.912
		SR_200		20	1	155.816
		SR_222		2	0	14.174
		SR_226		0	0	0.000
		SR_231		4	1	6.317
		SR_235		5	0	14.406
		SR_329		2	0	2.737
		SR_331		3	0	5.434

Information Selected

- Presents the information selected to perform the search.

Route ID Table

- Sort by – Reflects the sort selected from the *Find a Route* screen.
- Route ID – The name of the route.
- Name – A specified name unrelated to Features 111, 113, and 114.
- Total Segments –The number of segments that comprise the route.
- Total Gaps – The total number of gaps along a route.
- Route Length – The calculated length of the route.
- Previous and Next Buttons – Help navigate multiple pages of results.

Click on any route ID link to open the *Route Detail* screen.

How to Find a Route Using Different Tabs

Use the Roadway ID Tab Way #1

The Route List sub-tab under the **Roadway ID** tab brings up the *Route List for Roadway ID* screen. The steps used in this method are:

1. Click the **Roadway ID** tab.
2. Enter a valid roadway ID in the short cut then click **View**.
3. While on the *V/U/D* screen, click Route List sub-tab to see any routes that exist on any portion of the selected roadway ID. This will open the *Route List for Roadway ID* screen.

Roadway Characteristics Inventory							
Header Information		Route List for Roadway ID					
Routes Table							
Roadway ID: 01030000		Man-Dist: 01	Geo-Dist: 01	County: CHARLOTTE	Beg. MP: 0.000	End. MP: 18.337	Net Length: 18.337
Description: SR-31							
Routes for Roadway ID - 01030000							
Route ID	Name	Total Segments	Total Gaps	Route Length			
SR 31		3	0	36.177			

Header Information

- ◆ Roadway ID – A link to the *V/U/D* screen.
- ◆ Man-Dist – The managing district.
- ◆ Geo-Dist – The geographic district.
- ◆ County – The county.
- ◆ Beg. MP – The BMP.
- ◆ End. MP – The EMP.
- ◆ Net Length – Gross length minus exception(s) length.
- ◆ Overall Status – Taken from the *V/U/D* screen.
- ◆ Description – The overall description taken from the *V/U/D* screen.

Routes for Roadway ID Table

- ◆ Route ID – A link to the *Route Detail* screen.
- ◆ Route Name – Gives the name of the route.
- ◆ Number of Total Segments – Gives the total number of route segments.
- ◆ Gaps – Gives the total number of route gaps.
- ◆ Route Length – Shows the route length in miles.

Use the Roadway ID Tab Way #2

1. Click on the **Roadway ID** tab.
2. Select a District, county, or city from the options on the left of the filter selections.
3. Enter a route name to display the *Roadway ID List* screen.

Roadway Characteristics Inventory																														
Information Selected		Roadway ID List																												
Roadway ID Table		Information Selected																												
Man-Dist: 01		Route ID: sr31																												
		<table border="1"> <thead> <tr> <th>Roadway ID</th><th>Overall Description</th><th>Local Name</th><th>Route Name</th><th>City</th><th>Net Length</th></tr> </thead> <tbody> <tr> <td>01030000</td><td>SR-31</td><td>SR-31</td><td></td><td></td><td>18.337</td></tr> <tr> <td>04010000</td><td>SR-31</td><td>SR 31</td><td></td><td></td><td>13.156</td></tr> <tr> <td>32090000</td><td>SR-31</td><td>SR-31</td><td></td><td></td><td>4.684</td></tr> </tbody> </table>					Roadway ID	Overall Description	Local Name	Route Name	City	Net Length	01030000	SR-31	SR-31			18.337	04010000	SR-31	SR 31			13.156	32090000	SR-31	SR-31			4.684
Roadway ID	Overall Description	Local Name	Route Name	City	Net Length																									
01030000	SR-31	SR-31			18.337																									
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		<table border="1"> <thead> <tr> <th>Previous</th><th>Next</th></tr> </thead> </table>						Previous	Next																					
Previous	Next																													

Information Selected

- ◆ Presents the information selected to perform the search.

Roadway ID Table

- ◆ Previous/Next Buttons – Allow for the viewing of previous or next pages when multiple pages exist.
- ◆ Roadway ID – A link to the *V/U/D* screen.
- ◆ Overall Description – Taken from the *V/U/D* screen.
- ◆ Local Name – Taken from Feature 114 LOCALNAM.
- ◆ Route Name – Gives the route name.
- ◆ City – Gives the city or cities through which the route runs.
- ◆ Net Length – Shows the route length in miles.

Use the Feat/Char Tab, Find Sub-tab, Route ID Short Cut Method

1. Click the Feat/Char tab.
2. Click the Route radio button.
3. Enter a feature number in the short cut box.
4. Click View.

This will bring up the *Route Roadway Segment List with ... Data* screen.

- Include/Exclude Ramps – Offers the choice to include ramps or exclude ramps along the route.
- Order Number – The order the roadway ID appears along that route.
- Beg. Route MP – BMP of the route, not the roadway ID. All routes should begin with 0.000 unless there is a gap at the beginning of the route.
- Roadway ID – A link to the V/U/D screen.
- Beg. MP – BMP of the roadway ID.
- End. MP – EMP of the roadway ID.
- Segment Type – Either mainline or ramp.
- Route Side – Refers to the route designation side of the roadway, whether it is right, center, or left.
- Route vs. Section Direction – Indicates whether or not the milepoints for a given roadway segment are in the same direction as the milepoints (plus), or are in the opposite direction (minus).
- Connected to Roadway Segment – If the route type is ramp, then the roadway ID connecting that ramp to a mainline roadway ID should be entered. This column records the roadway ID mainline that contains the ramp.
- Connected to MP – Milepoint location of the connected roadway segment.
- Previous/Next Buttons – Allow for the viewing of previous or next pages when multiple pages exist.

Read Only Mode Login 3/25/2013 8:54AM EST

Roadway Characteristics Inventory

Main Feat/Char Roadway ID Routes Reports History Other

Find Feature Type List Add Characteristics Mass Delete Features

Route Roadway Segment List with 251 - INTERSECTION Data

Selecting a roadway segment's Beg. MP will display a list of features and characteristics for that segment of the route.

Include Ramps Exclude Ramps

Roadway Segments on Route SR 31 Beg. Route MP 0.000 End. Route MP 36.177

Order Number	Beg. Route MP	Roadway ID	Beg. MP	End. MP	Segment Type	Route Side	Route vs. Section Direction	Connected to Roadway Segment	Connected to MP
1	0 000	12090000	0.000	4.684	MAINLINE		PLUS		
2	4.684	01030000	0.000	18.337	MAINLINE		PLUS		
3	23.021	04010000	0.000	13.156	MAINLINE		PLUS		

Previous Next

Short Cut

Roadway Route

ID: Feat. Number: Beg. MP: End. MP: Side: Offset: Characteristic Code: View

NOTE: If a BMP or EMP is specified, it refers to the roadway milepoint and not the route segment milepoint.

Use the **History** tab to find old RCI data. Its primary screen is called the *Find History Information* screen. There are no sub-tabs. When viewing history information, you view what was in the RCI database on a given date. History data is recorded on the last day of each month. History data cannot be changed. All pages showing history information are read-only and have no input boxes or update buttons. Each history screen looks like its corresponding screen except for one difference, the history date is shown at the top of every screen.

Find History Information Screen

The *Find History Information* screen allows selection of historical information, using three general methods:

- Features and Characteristics History
- Roadway ID History
- Route History

Each of these methods occupies a separate portion of the screen.

Prior to choosing any of the three methods, determine the year of history desired. Then click **Get Dates** to see a listing of available dates. Choose one from the dropdown menu. Once a date is specified, use any of the three methods to proceed.

Reset Button

The **Reset** button on the primary screen will clear all information except for the year.

The Features and Characteristics History Method

Feature and characteristic history can be viewed by choosing either a roadway ID or a route ID.

Searching for a Roadway ID

1. Enter the Year then click Get Dates.
2. Select a date from the dropdown menu.
3. Select the **Roadway** radio button.
4. Enter at least an ID and Feat Number.
5. Click Find.

Read Only Mode. **Roadway Characteristics Inventory** Help Login 4/1/2013 8:22AM EST Other

Main Feat/Char Roadway ID Routes Reports History

Find History Information

*Year: (2004 or later) Get Dates *History Data Recorded On:

Complete one of the following areas of interest to select the History.

Features and Characteristics History:

Roadway **Route**

*ID: *Feat. Number: Beg. MP: End. MP: Side: Characteristic Code:

Roadway ID History:

*Roadway ID:

Route History:

*Route ID:

Find **Reset**

* Indicates a required field

Feature and Characteristics History List Screen

There are two ways to obtain further information, click on the **Roadway ID** or click on a **Characteristic**.

Read Only Mode. **Roadway Characteristics Inventory** Help Login 4/1/2013 8:25AM EST Other

Main Feat/Char Roadway ID Routes Reports History

Feature and Characteristics History List

History Data recorded on: 08/31/2010

Roadway ID:	Man-Dist:	Geo-Dist:	County:	Beg. MP:	End. MP:	Net Length:	Overall Status:
0103000	01	01	CHARLOTTE	0.000	18.337	18.337	ACTIVE ON THE SHS

Description: SR-31

Feature 251 - INTERSECTION		POINT/INTERLOCKING			
Beg. MP	End. MP	Characteristic	Value	Unit	Side
0.000	0.125	90 DEGREES LEFT	LEE CO LINE	ID	C
		INTERSECTION SURFACE TYPE2	SUSAN DR	ID	C
1.135	1.387	90 DEGREES LEFT	A - ASPHALT	CD	C
		INTERSECTION SURFACE TYPE2	HORSHOE RD	ID	C
2.009	2.071	90 DEGREES LEFT	A - ASPHALT	CD	C
		INTERSECTION SURFACE TYPE2	LITTLE FARM RD	ID	C
6.062	7.902	90 DEGREES RIGHT	EARTH SOURCE INC ENT	ID	C
		INTERSECTION SURFACE TYPE5	A - ASPHALT	CD	C
12.126	14.379	90 DEGREES L & 90 DEGREES R	COOK BROWN RD	ID	C
		INTERSECTION SURFACE TYPE5	A - ASPHALT	CD	C
15.115	17.105	90 DEGREES RIGHT	FIRE STA	ID	C
		INTERSECTION SURFACE TYPE5	A - ASPHALT	CD	C
18.337		END OF SECT. DESC.	CR 74	ID	C
			UNSigned	ID	C
			A - ASPHALT	CD	C
			NEAL RD	ID	C
			A - ASPHALT	CD	C
			FARABEE RD	ID	C
			O - OTHER	CD	C
			DESO TO CO LINE	ID	C

Show Details **Previous** **Next**

Roadway ID History Screen

Clicking the roadway ID link opens the *Roadway ID History* screen, which is the **History** tab's version of the *View/Update/Delete Roadway ID* screen.

Feature and Characteristics History Detail List Screen

Clicking a characteristic link opens the *Feature and Characteristics History Detail List* screen.

Searching for a Route ID

1. Enter the Year then click Get Dates.
2. Select a date from the dropdown menu.
3. Select the Route radio button.
4. Enter at least an ID and Feat Number.
5. Click Find.

Read Only Mode

Roadway Characteristics Inventory

Main Feat/Char Roadway ID Routes Reports History Other

Find History Information

*Year: (2004 or later) 2010 Get Dates *History Data Recorded On: 08/31/2010

Complete one of the following areas of interest to select the History.

Features and Characteristics History:

Roadway Route

*ID: SR31 *Feat. Number: 251 Beg. MP: End. MP: Side: Characteristic Code:

Roadway ID History:

*Roadway ID:

Route History:

*Route ID:

Find Reset

* Indicates a required field

Click a **Beg. MP** column link to open the *Feature and Characteristics History List* screen.

Read Only Mode

Roadway Characteristics Inventory

Main Feat/Char Roadway ID Routes Reports History Other

Route History Roadway Segment List with 251 - INTERSECTION Data

History Data recorded on: 08/31/2010

Selecting a Roadway Segment Beg. MP will display a list of Features and Characteristics History for that Segment of the Route.

Include Ramps Exclude Ramps

Roadway Segments on Route SR 31

Order	Beg. Route	MP	Roadway ID	Beg. MP	End. MP	Segment Type	Route Distance	Route vs. Connected To	Connected Side	Calc. Segment	Roadway	To MP
1	0.000	12090000	0.000	4.684		MAINLINE			NO	PLUS		
2	4.684	01030000	0.000	18.337		MAINLINE			NO	PLUS		
3	23.021	04010000	0.000	13.156		MAINLINE			NO	PLUS		

Previous Next

Click a **Characteristic** link to open the *Feature and Characteristics History Detail List* screen.

Read Only Mode

Roadway Characteristics Inventory

Main Feat/Char Roadway ID Routes Reports History Other

Feature and Characteristics History List

History Data recorded on: 08/31/2010

Roadway ID: 01030000 Man-Dist: 01 Geo-Dist: 01 County: CHARLOTTE Beg. MP: 0.000 End. MP: 18.337 Net Length: 18.337 Overall Status: ACTIVE ON THE SHS

Description: SR-31

Show Details Previous Next

Feature 251 - INTERSECTION

Beg. MP	End. MP	Characteristic	Value	Unit	Side	Char. Updated
0.000		BEG RDWY SECTION POINT DESC.	LEE CO LINE	ID	C	KNFTEBS 06/26/2008
0.125		90 DEGREES LEFT	SUSAN DR	ID	C	KNFTEBS 06/26/2008
1.135		INTERSECTION SURFACE TYPE2	A - ASPHALT	CD	C	RCICNVRT 11/06/1985
1.387		90 DEGREES LEFT	HORSESHOE RD	ID	C	KNFTEBS 06/26/2008
2.009		INTERSECTION SURFACE TYPE2	A - ASPHALT	CD	C	RCICNVRT 07/16/2001
2.071		90 DEGREES RIGHT	LITTLE FARM RD	ID	C	KNFTEBS 06/26/2008
6.062		INTERSECTION SURFACE TYPE2	EARTH SOURCE INC ENT	ID	C	RCICNVRT 07/16/2001
7.902		90 DEGREES LEFT	A - ASPHALT	CD	C	MT110EH 03/25/2010
		INTERSECTION SURFACE TYPE5	A - ASPHALT	CD	C	RCICNVRT 07/16/2001
		INTERSECTION SURFACE TYPE2	A - ASPHALT	CD	C	RCICNVRT 07/16/2001
		90 DEGREES RIGHT	FIRE STA	ID	C	KNFTEBS 06/26/2008
		INTERSECTION SURFACE TYPE5	A - ASPHALT	CD	C	RCICNVRT 07/16/2001
		90 DEGREES RIGHT	BABCOCK WILDRNNS ADV	ID	C	KNFTESK 11/02/2006
		INTERSECTION SURFACE TYPE5	A - ASPHALT	CD	C	KNFTESK 11/02/2006
		90 DEGREES RIGHT	BABCOCK RANCH RD	ID	C	RCICNVRT 07/16/2001
		INTERSECTION SURFACE TYPE5	A - ASPHALT	CD	C	RCICNVRT 07/16/2001

Read Only Mode

Roadway Characteristics Inventory

Main Feat/Char Roadway ID Routes Reports History Other

Feature and Characteristics History Detail List

History Data recorded on: 08/31/2010

Roadway ID: 01030000 Man-Dist: 01 Geo-Dist: 01 County: CHARLOTTE Beg. MP: 0.000 End. MP: 18.337 Net Length: 18.337 Overall Status: ACTIVE ON THE SHS

Description: SR-31

Feature 251 - INTERSECTION

Beg. MP:	0.000	Latitude	Longitude	Location Updated
End. MP:		Beg.:	End.:	By: RCICNVRT On: 10/02/2004
Side:	COMPOSITE			Geospatial
Characteristic: BEGSECNM - BEG.RDWY SECTION POINT DESC.				
Value: LEE CO LINE ID NO.				

Hide Details Back to Top

The Roadway ID Method

1. Enter the **Year** then click **Get Dates**.
2. Select a date from the dropdown menu.
3. Enter a **Roadway ID**.
4. Click **Find**.

1. **Year:** (2004 or later) **Get Dates**

2. **History Data Recorded On:**

3. **Roadway ID:**

4. **Find**

This will open the *Roadway ID History* screen.

The Route History Method

1. Enter the **Year** then click **Get Dates**.
2. Select a date from the dropdown menu.
3. Enter a **Route ID**.
4. Click **Find**.

1. **Year:** (2004 or later) **Get Dates**

2. **History Data Recorded On:**

3. **Route ID:**

4. **Find**

Route History List (with Duplicates) Screen

If more than one route exists with the same route ID, the *Route History List (with Duplicates)* screen will open. Click on a **Route ID** link to open the *Route History* screen.

Route ID	County	Name	Total Segments	Total Gaps	Route Length
CR_18	BRADFORD		8	0	20.166
CR_18	COLUMBIA		3	0	10.902
CR_18	UNION		1	0	6.402

Route History Screen

This screen displays the **History Data Recorded on** date, route header information, and the **Roadway Segments** table. Click a **Roadway ID** link to open the *Roadway ID History* screen (previously shown).

Roadway Characteristics Inventory																	
Main		Feat/Char		Roadway ID		Routes		Reports									
Route History																	
History Data recorded on: 08/31/2006																	
Route ID: CR 18 Route Type: COUNTY ROAD Route Length: 10.902 RCI Established Date: 10/2/2004 Route Name: Total Segments: 3 Total Gaps: 0 Order Updated: County: COLUMBIA Order Verified: Route Description:																	
<input type="radio"/> Include Ramps <input checked="" type="radio"/> Exclude Ramps																	
Roadway Segments																	
Order Num.	Beg. Route MP	Roadway ID	Beg. MP	End. MP	Segment Type	Route Side	Distance Calc Exclude Code	Route vs. Section Direction	Connected to Roadway Segment								
1	0.000	29100000	0.000	6.368	MAINLINE		NO	PLUS									
2	6.368	29100000	7.435	9.600	MAINLINE		NO	PLUS									
3	8.533	29100000	9.668	12.037	MAINLINE		NO	PLUS									

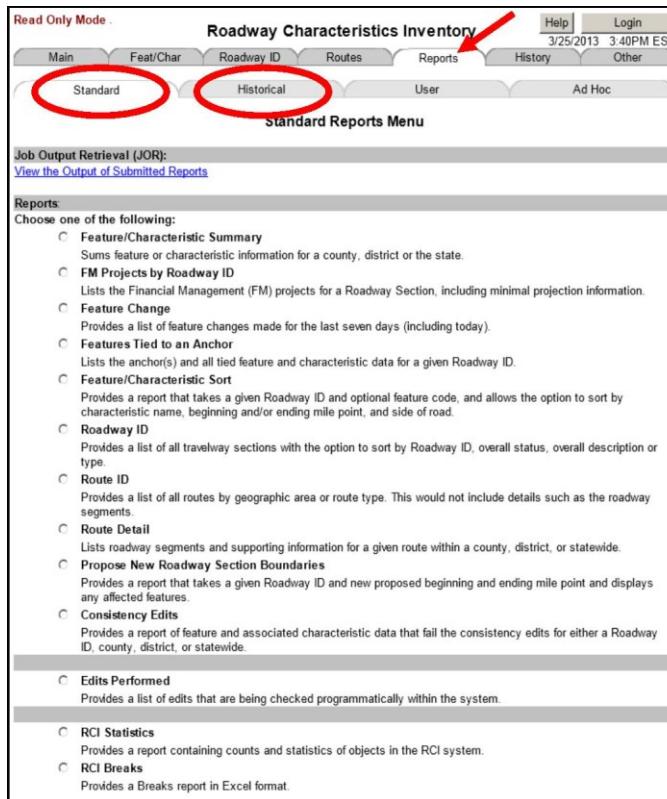
REPORTS TAB

The **Reports** tab has two functioning sub-tabs that allow for preparation of several types of reports. You do not have to be logged in to RCI to use the **Reports** tab. When not logged in, the reports are generated from a general user account. Remember the job number. If you are logged in, then any reports you generate will be associated with your user account. That means only you can view/download them.

- Standard – Provides a list of predefined reports.
- Historical – Provides a historical report.
- User – No longer supported.
- Ad Hoc – No longer supported.

Standard Sub-tab

The Standard sub-tab displays the *Standard Reports Menu* screen.



The screenshot shows the 'Roadway Characteristics Inventory' application interface. At the top, there is a navigation bar with tabs: Main, Feat/Char, Roadway ID, Routes, Reports, History, and Other. The 'Reports' tab is currently selected. Below the navigation bar, there are four sub-tabs: Standard, Historical, User, and Ad Hoc. The 'Standard' and 'Historical' sub-tabs are circled in red. A red arrow points to the 'Reports' tab in the top navigation bar. The main content area is titled 'Standard Reports Menu'. It contains a section for 'Job Output Retrieval (JOR)' with a link to 'View the Output of Submitted Reports'. Below this, there is a 'Reports' section with the heading 'Choose one of the following:'. This section lists various report types, each with a radio button and a brief description:

- Feature/Characteristic Summary: Sums feature or characteristic information for a county, district or the state.
- FM Projects by Roadway ID: Lists the Financial Management (FM) projects for a Roadway Section, including minimal projection information.
- Feature Change: Provides a list of feature changes made for the last seven days (including today).
- Features Tied to an Anchor: Lists the anchor(s) and all tied feature and characteristic data for a given Roadway ID.
- Feature/Characteristic Sort: Provides a report that takes a given Roadway ID and optional feature code, and allows the option to sort by characteristic name, beginning and/or ending mile point, and side of road.
- Roadway ID: Provides a list of all travelway sections with the option to sort by Roadway ID, overall status, overall description or type.
- Route ID: Provides a list of all routes by geographic area or route type. This would not include details such as the roadway segments.
- Route Detail: Lists roadway segments and supporting information for a given route within a county, district, or statewide.
- Propose New Roadway Section Boundaries: Provides a report that takes a given Roadway ID and new proposed beginning and ending mile point and displays any affected features.
- Consistency Edits: Provides a report of feature and associated characteristic data that fail the consistency edits for either a Roadway ID, county, district, or statewide.
- Edits Performed: Provides a list of edits that are being checked programmatically within the system.
- RCI Statistics: Provides a report containing counts and statistics of objects in the RCI system.
- RCI Breaks: Provides a Breaks report in Excel format.

Reports

The following reports are available on the *Standard Reports Menu* screen. Examples of these screens and reports are shown on the following pages.

- Feature/Characteristic Summary
- FM Projects by Roadway ID
- Feature Change
- Features Tied to an Anchor
- Feature/Characteristic Sort
- Roadway ID
- Route ID
- Route Detail
- Propose New Roadway Section Boundaries
- Edits Performed
- RCI Statistics
- RCI Breaks

Click the appropriate radio button for the desired report. Enter the reporting criteria, then click **Submit**. This takes you back to the Standard sub-tab but has the text, “YOUR REQUEST HAS BEEN SUBMITTED. REPORT NUMBER IS: XXXX.” To view the report, click the link in the **Output** column.

Feature/Characteristic Summary

Sums feature or characteristic information for a county, District, or statewide.

Read Only Mode . **Roadway Characteristics Inventory** **Help** **Login**
3/27/2013 9:29AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Standard Historical User Ad Hoc

Feature/Characteristic Summary Report Input Parameters

Sums feature or characteristic information for a county, district or the state.

Enter a Feature Number to include all related Characteristics OR enter a Characteristic Code. If the Characteristic Code is not known, enter a Feature Number and press the “Get Characteristics” button for a dropdown list of related Characteristics:

*Feature Number: *Characteristic Code:

Select Statewide, a Geographic District, a Managing District, a County OR enter a Roadway ID.

*Statewide: *County:

*Geographic District: *Roadway ID:

Three asterisks can be used for the subsection to request all subsections (e.g. 11470*** to include 11470000, 11470024, 11470027, etc.)

*Managing District:

Other Optional Filters - Select One or More:

Characteristic Value 1: Overall Status:
Characteristic Value 2: Maintenance Area:
Beg. MP: Number of Lanes:
End. MP: Toll Road:
State Highway System: On/Off System: On Off
Type:

*Report Format: Adobe PDF Excel Spreadsheet

* Indicates a required field

Figure 6B – Example Feature/Characteristic Summary Report

Roadway Characteristics Inventory **Page: 1**

SUMMARIZE FEATURE/CHARACTERISTIC REPORT

Totals for Geographic District - 06
Feature : 113 - AASHTO

CHARACTERISTIC	VALUE	UNIT	LENGTH/TOTAL
US ROUTE NUMBER	I 75	ID	13.338 MI
	I 95	ID	36.231 MI
	I 195	ID	6.021 MI
	I 395	ID	3.771 MI
	US 1	ID	179.996 MI
	US 27	ID	19.882 MI
	US 41	ID	51.679 MI
	US 441	ID	16.348 MI

FM Projects by Roadway ID

Lists the Financial Management (FM) projects for a roadway section, including minimal projection information.

Read Only Mode . **Roadway Characteristics Inventory** **Help** **Login**
3/27/2013 9:29AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Standard Historical User Ad Hoc

FM Projects by Roadway ID Report Input Parameters

Lists the Financial Management (FM) projects for a Roadway Section, including minimal projection information.

Enter a Roadway ID to view FM Work Program Projects:

*Roadway ID:

Sort report by: Status Change Date Mile Point

*Report Format: Adobe PDF Excel Spreadsheet

* Indicates a required field

Figure 6C – Example FM Projects by Roadway ID Report

Roadway Characteristics Inventory **Page: 31**

FM PROJECTS by ROADWAY ID (Sorted by Status Change Date)

Run Date: 05/16/2013
County: 01 CHARLOTTE
Roadway ID: 01030000
Beg MP: .000
End MP: 18.337

FM Project	Project Name	From	To
193749-1	SR 31	REPLACE RRHS 15 & 18	
	Lanes Improved 0	Lanes Added 0	FromMP .000 ToMP 18.337 Length 18.337
	Status Code 100 - LINE ITEM COMPLETED	Status Change Date 12/01/1970	Financial Project No 19374916101 Federal Project No
	Work Mix REPLACE LOW LEVEL BRIDGE		
FM Project	Project Name	From	To
193750-1	SR 31	LEE CO LINE	DESOTO CO LINE
	Lanes Improved 0	Lanes Added 0	FromMP .000 ToMP 18.337 Length 18.337
	Status Code 100 - LINE ITEM COMPLETED	Status Change Date 02/01/1966	Financial Project No 19375015201 Federal Project No
	Work Mix RESURFACING		

Feature Change

Provides a list of feature changes made for the last seven days, including the day the report was run.

Read Only Mode :		Roadway Characteristics Inventory					Help	Login
Main	Feat/Char	Roadway ID	Routes	Reports	History	Other	3/27/2013	9:42AM EST
Standard		Historical		User	Ad Hoc			
Feature Change Report Input Parameters								
Provides a list of feature changes made for the last seven days (including today).								
Select criteria to run scheduled report:								
*Feature Number: <input type="text"/>								
*Report Format:		<input checked="" type="radio"/> Adobe PDF <input type="radio"/> Excel Spreadsheet						
<input type="button" value="Submit"/>								
* Indicates a required field								

Figure 6D – Example Feature Change Report

Features Tied to an Anchor

Lists the anchor(s) and all tied feature and characteristic data for a given roadway ID.

Read Only Mode:		Roadway Characteristics Inventory				Help	Login	
Main	Feat/Char	Roadway ID	Routes	Reports	History	3/27/2013	9:44AM EST	
Standard		Historical		User	Ad Hoc			
Features Tied to an Anchor Report Input Parameters								
Lists the anchor(s) and all tied feature and characteristic data for a given Roadway ID.								
Select Statewide, a Managing District OR enter a Roadway ID to view Features Tied to an Anchor:								
Statewide:	<input type="checkbox"/>	*Roadway ID:		<input type="text"/>				
Managing District:	<input type="text" value="Please Select..."/>		<input type="button" value=""/>					
Anchor Characteristic Code: <input type="text"/>								
*Report Format:		<input checked="" type="radio"/> Adobe PDF		<input type="radio"/> Excel Spreadsheet		<input type="button" value="Submit"/>		
* Indicates a required field								

Figure 6E – Example Features Tied to an Anchor Report

Roadway Characteristics Inventory						
FEATURE TIED TO AN ANCHOR						
Run Date: 03/27/2013						
District: 01						
County: CHARLOTTE						
Roadway ID: 61030000						
Anchor: BEGSECNM (Feature 251) - BEG RDWY SECTION POINT DESC - LEE CO LINE						
Mile Point: 000						
Beginning Mile Point Tie:						
Feature Number Description	Beg MP	End MP	Distance From Anchor			
330 TRAFFIC FLOW BREAK STATION	000	12.126	000			
331 TRAFFIC FLOW BREAKS	000	12.126	000			
311 SPEED ZONE	000	18.337	000			
Anchor: INTSDR1 (Feature 251) - 90 DEGREES L. & 90 DEGREES R. - CR 74						
Mile Point: 12.126						
Beginning Mile Point Tie:						
Feature Number Description	Beg MP	End MP	Distance From Anchor			
322 TRAFFIC MONITORING SITES	11.960	000	-135			
322 SIGNALS	12.100	000	-026			
330 TRAFFIC FLOW BREAK STATION	12.126	18.337	000			
311 SPEED ZONE	12.126	18.337	000			
326 TRAFFIC MONITORING SITES	12.200	000	074			
Ending Mile Point Tie:						
Feature Number Description	Beg MP	End MP	Distance From Anchor			
322 TRAFFIC FLOW BREAK STATION	000	12.126	000			
331 TRAFFIC FLOW BREAKS	000	12.126	000			
Anchor: ENDSECNM (Feature 251) - END OF SECT. DESC. - DESOTO CO LINE						
Mile Point: 18.337						
Ending Mile Point Tie:						
Feature Number Description	Beg MP	End MP	Distance From Anchor			
311 SPEED ZONE	000	18.337	000			
330 TRAFFIC FLOW BREAK STATION	12.126	18.337	000			
311 SPEED ZONE	12.126	18.337	000			

Feature/Characteristic Sort

Provides a report of sorted features and characteristics for a roadway ID

Roadway Characteristics Inventory						Help	Login
Main	Feat/Char	Roadway ID	Routes	Reports	History	3/27/2013	9:50 AM EST
Standard		Historical		User		Ad Hoc	
Feature/Characteristic Sort Report Input Parameters							
<p>Provides a report that takes a given Roadway ID and optional feature code, and allows the option to sort by characteristic name, beginning and/or ending mile point, and side of road.</p>							
Enter a Roadway ID and Feature Code: *Roadway ID: <input type="text"/>				Feature Number: <input type="text"/>			
*Sort report by:		<input checked="" type="radio"/> Feature Number, Characteristic Code, Beg. MP, End. MP and Side of Road <input type="radio"/> Feature Number, Beg. MP, Side of Road, End. MP and Characteristic Code <input type="radio"/> Feature Number, Side of Road, Beg. MP, End. MP and Characteristic Code					
*Report Format:		<input checked="" type="radio"/> Adobe PDF <input type="radio"/> Excel Spreadsheet <input type="button" value="Submit"/>					
<small>* Indicates a required field</small>							

Figure 6F – Example Feature/Characteristic Sort Report

Roadway ID

Provides a list of roadway IDs with the option to sort by roadway ID, overall status, overall description, or type.

Roadway Characteristics Inventory

Help Login
3/27/2013 9:56AM EST

Main Feat/Char Roadway ID Routes Reports History Other
Standard Historical User Ad Hoc

Roadway ID Report Input Parameters

Provides a list of all travelway sections with the option to sort by Roadway ID, overall status, overall description or type.

Select either Statewide, District OR County:
*Statewide: *County: Please Select...
*Managing District: Please Select...

Select additional report criteria:
Feature Number: Characteristic Code:

Sort report by:
 Roadway ID
 Overall Description
 Overall Status
 Type
 Mode Type

*Report Format: Adobe PDF Excel Spreadsheet
Submit

* Indicates a required field

Figure 6G – Example Roadway ID Report

Roadway Characteristics Inventory

ROADWAY ID REPORT Page: 19

Run Date 03/27/2013
Report By: County
Value: CHARLOTTE
Sort By: Roadway-Id

For additional information, choose Excel option:

Roadway Id	Overall Description	Overall Status	Type
01550000	WASHINGTON LOOP ROAD	INACTIVE	MAINLINE Controlled By 12 CHARLOTTE
01560000	HARBORVIEW DRIVE	ACTIVE OFF THE SHS	MAINLINE Controlled By 12 CHARLOTTE
01560001	MELBOURNE STREET	ACTIVE OFF THE SHS	MAINLINE Controlled By 12 CHARLOTTE
01901000	PUNTA GORDA MAINT YR	PENDING	MAINLINE Controlled By 11 PRIMARY
01906000	COUNTY WIDE NUMBER	PENDING	MAINLINE Controlled By 11 PRIMARY

CHARLOTTE Totals: 149

Route ID

Provides a list of all routes by geographic area or route type. This does not include details such as roadway segment milepoints.

Roadway Characteristics Inventory

Help Login
3/27/2013 10:07AM EST

Main Feat/Char Roadway ID Routes Reports History Other
Standard Historical User Ad Hoc

Route ID Report Input Parameters

Provides a list of all routes by geographic area or route type. This would not include details such as the roadway segments.

EITHER Select Statewide, District OR County to view Route ID Report by geographical area:
*Statewide: *County: 01 - CHARLOTTE
*Managing District: Please Select...

OR select *Route Type: Please Select...

*Report Format: Adobe PDF Excel Spreadsheet
Submit

* Indicates a required field

Figure 6H – Example Route ID Report

Roadway Characteristics Inventory

ROUTE ID REPORT Page: 1

Run Date: 03/27/2013

Report by: County - CHARLOTTE

Route ID	RCI Established Date	Order Verified Date	Segments	Gaps	Route Name
CR 74	10/02/2004		1		
CR 764	10/02/2004		1		
CR 765	10/02/2004		1		
CR 765 A	10/02/2004		1		
CR 768	10/02/2004		3		
CR 771	10/02/2004		1		
CR 775	10/20/2011		1		
CR 776	10/02/2004		3		
CR 776 A	10/02/2004		1		
I 75	10/02/2004	10/23/2008	467		
SR 31	10/02/2004	12/29/2005	3		
SR 35	10/02/2004	09/07/2007	26	4	
SR 45	10/02/2004	05/06/2008	62		
SR 93	10/02/2004	05/06/2008	553		
SR 776	10/02/2004	12/29/2005	3		
US 17	10/02/2004	05/11/2005	87	1	SPESSARD HOLLAND PKWY
US 41	10/02/2004	12/29/2005	79		TAMAMI TRAIL

CHARLOTTE COUNTY TOTAL: 17

Route Detail

Lists roadway segments and supporting information for a given route within a county, District, or statewide.

Roadway Characteristics Inventory

Help Login
3/27/2013 10:17AM EST

Main Feat/Char Roadway ID Routes Reports History Other
Standard Historical User Ad Hoc

Route Detail Report Input Parameters

Lists roadway segments and supporting information for a given route within a county, district, or statewide.

*Route ID:

Select geographic area of Statewide, District OR County:
*Statewide: *County: Please Select...
*Managing District: Please Select...

*Report Format: Adobe PDF Excel Spreadsheet
Submit

* Indicates a required field

Figure 6I – Example Route Detail Report

Roadway Characteristics Inventory

ROUTE DETAIL REPORT Page: 1

Report by: County - BRADFORD

Route ID	Route Type	Route Length								
CR 18	COUNTY ROAD	17.149								
Route Name Total Segments Total Gaps										
Route Description										
ROADWAY SEGMENTS										
Order Num.	Beg. Route MP	Roadway ID	Beg. MP	End. MP	Segment Type	Route Side	Distance Calc	Route VS. Section	Connected to Roadway Segment	Connected To MP
1	.000	28630001	.000	.332	MAINLINE	YES	PLUS			.000
2	.000	28630002	.000	.407	MAINLINE	YES	PLUS			.000
3	.000	28630003	.000	.407	MAINLINE	YES	PLUS			.000
4	28630000	28630000	.887	10.113	MAINLINE	NO	PLUS			.000
5	9.456	28630000	.000	3.484	MAINLINE	NO	PLUS			.000
6	12.940	28630000	4.046	8.255	MAINLINE	NO	PLUS			.000

Propose New Roadway Section Boundaries

Provides a list of features and characteristics that will be effected if a roadway is shortened or lengthened.

Read Only Mode .

Roadway Characteristics Inventory

Help Login
3/27/2013 10:21AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Standard Historical User Ad Hoc

Propose New Roadway Section Boundaries Report Input Parameters

Provides a report that takes a given Roadway ID and new proposed beginning and ending mile point and displays any affected features.

*Roadway ID:

Please enter new mile point(s) - existing mile point(s) will be used as default:

New Beg. Mile Point: New End. Mile Point:

*Report Format: Adobe PDF Excel Spreadsheet

* Indicates a required field

Figure 6J – Example Propose New Roadway Section Boundaries Report

Roadway Characteristics Inventory Page: 1

PROPOSE NEW ROADWAY SECTION BOUNDARIES REPORT

Run Date: 03/27/2013
Roadway ID: 01030000
Proposed Beg MP: 9.000 Actual Beg MP: .000
Proposed End MP: 18.000 Actual End MP: 18.337

The Proposed Beginning Milepoint will cause an error with the following features:

Feature Number	Feature Description	Beg. MP	End. MP	Side
111	STATE ROAD SYSTEM	000	18.337	C
112	FEDERAL SYSTEM	000	18.337	C
114	LOCAL SYSTEM	000	18.337	C
118	HPMS	7.902	12.126	C
119	HPMS UNIVERSE	000	12.026	C
119	HPMS UNIVERSE	7.902	12.126	C
120	TYPEROAD	000	1.261	C
120	TYPEROAD	1.261	1.554	C
120	TYPEROAD	1.554	1.889	C
120	TYPEROAD	1.889	2.075	C
120	TYPEROAD	2.075	12.050	C
121	FUNCTIONAL CLASSIFICATION	000	18.337	C
122	FACILITY CLASSIFICATION	000	18.337	C
124	URBAN CLASSIFICATION	000	18.337	C
125	ADJACENT LAND CLASSIFICATION	000	12.026	C
137	MAINTENANCE AREA BOUNDARY	000	18.337	C

Edits Performed

Provides a list of edits that are being checked programmatically within the system. The list is too long to add a screen shot.

RCI Statistics

Provides a report containing counts and statistics of objects in RCI. This report is not downloadable.

Read Only Mode .

Roadway Characteristics Inventory

Help Login
3/27/2013 10:39AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Statistics Report

The longest Route US 98 671.849 miles

The Route with the most no. of segments I 95 682 segments

The longest Roadway 03175000 ALLIGATOR ALY/I-75 63.613 miles

The Roadway with most no. of features 79010000 SR5.BREV CL-SR600 5,040 features

The Roadway with most no. of characteristics 79010000 SR5.BREV CL-SR600 10,030 characteristics

Total no. of Features in RCI 1,492,986

Total no. of Characteristics in RCI 2,932,078

Total no. of Roadways in RCI 14,515

Total no. of Routes in RCI 2,359

Total no. of Segments in RCI 11,424

Total no. of Feature History records 3,480,031

Total no. of Characteristic History records 7,630,581

Total no. of Section History records 34,571

Total no. of Route History records 7,338

Total no. of Segment History records 108,042

RCI Breaks

Provides a way to search for specific characteristics. The report output is an Excel file.

Read Only Mode . . . Roadway Characteristics Inventory **Help** **Login**
 3/27/2013 11:21AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Standard Historical User Ad Hoc

RCI Breaks Report Input Parameters

Provides a Breaks report in Excel format.

Select either Roadway ID, District OR County:

*Roadway ID:

*Managing District:

*Geographic District:

*County:

Other Optional Filters - Select One or More:

Overall Status:

Select Characteristics to include in report (up to 34):

<input type="checkbox"/> 111 - STRDNUM2 - SECONDARY STATE ROAD NUMBER	<input type="checkbox"/> 243 - SEDBASIN - NO.OF SEDIMENT BASINS
<input type="checkbox"/> 111 - STROADNO - STATE ROAD NUMBER	<input type="checkbox"/> 243 - MITARACR - MITIGATION AREA
<input type="checkbox"/> 112 - FAHWYSYS - FEDERAL HIGHWAY SYSTEM CODE	<input type="checkbox"/> 245 - PAVDTLEN - PAVED ROADSIDE DITCH LENGTH
<input type="checkbox"/> 112 - TRAVLWAY - TRAVEL WAY ALONG ROADWAY	<input type="checkbox"/> 245 - STMSWLEN - STORM SEWER RDSDE DITCH LENGTH
<input type="checkbox"/> 112 - NHSCID - NATIONAL HWY SYS CONNECTOR	<input type="checkbox"/> 245 - FRDRNLEN - FRENCH DRAIN RDSIDE DDEPTH

Historical Sub-tab

The Historical sub-tab provides one report option, RCI Breaks History. This report is just like the RCI breaks option under the Standard sub-tab except it uses historical data.

Read Only Mode . . . Roadway Characteristics Inventory **Help** **Login**
 3/27/2013 12:54PM EST

Main Feat/Char Roadway ID Routes Reports History Other

Standard Historical User Ad Hoc

Historical Reports Menu

Reports:

Choose one of the following:

RCI Breaks History

Provides a Breaks History report in Excel format.

RCI Breaks History

Provides a way to search for specific characteristics using historical RCI data. The report output is an Excel file.

Read Only Mode . . . Roadway Characteristics Inventory **Help** **Login**
 3/27/2013 1:01PM EST

Main Feat/Char Roadway ID Routes Reports History Other

Standard Historical User Ad Hoc

RCI Breaks History Report Input Parameters

Provides a Breaks History report in Excel format.

Enter a Historical Date (mm-dd-yyyy): (greater than 10/30/2004)

*Date:

Select either Roadway ID, District OR County:

*Roadway ID:

*Managing District:

*Geographic District:

*County:

Other Optional Filters - Select One or More:

Overall Status:

Select Characteristics to include in report (up to 34):

<input type="checkbox"/> 111 - STRDNUM2 - SECONDARY STATE ROAD NUMBER	<input type="checkbox"/> 243 - SEDBASIN - NO.OF SEDIMENT BASINS
<input type="checkbox"/> 111 - STROADNO - STATE ROAD NUMBER	<input type="checkbox"/> 243 - MITARACR - MITIGATION AREA
<input type="checkbox"/> 112 - FAHWYSYS - FEDERAL HIGHWAY SYSTEM CODE	<input type="checkbox"/> 245 - PAVDTLEN - PAVED ROADSIDE DITCH LENGTH
<input type="checkbox"/> 112 - TRAVLWAY - TRAVEL WAY ALONG	<input type="checkbox"/> 245 - STMSWLEN - STORM SEWER RDSDE DITCH LENGTH

UPDATING AND DELETING RCI DATA**Off-line Jobcard Information****Add Off-line Jobcard Information**

The off-line jobcard is essential for batch updating data. Use this option when an off-line jobcard has not been added to the system.

Most, if not all of the information is automatically entered. To add the information to the system click **Add**. Once the information is added to the system, it is saved.

Read Only Mode : **Roadway Characteristics Inventory** Help Login
4/11/2013 10:50AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Admin Import Data Export Data

Off-line Jobcard Information

Application Name: RCI *Type Run: N
User ID: RCIUSR9 *Print Destination: LOCAL
*Job Class: A *Print Copies: 01
*Message Class: Q

Add

* Indicates a required field

View/Update/Delete Off-line Jobcard Information

Log in and use this option to verify that the system has your off-line jobcard information correct.

KNRSHCT : **Roadway Characteristics Inventory** Help Logoff
4/11/2013 11:17AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Admin Import Data Export Data

Off-line Jobcard Information

Application Name: RCI *Type Run: Y
User ID: KNRSHCT *Print Destination: LOCAL
*Job Class: A *Print Copies: 01
*Message Class: Q

Update **Delete**

* Indicates a required field

If the off-line jobcard information is missing, incorrect, or if you are in read only mode, the following screen will display.

Read Only Mode : **Roadway Characteristics Inventory** Help Login
4/11/2013 11:13AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Admin Import Data Export Data

Administrative Functions

WARNING: OFF-LINE JOBCARD INFORMATION NOT FOUND FOR THE USER.

Most Functions Require Appropriate Security Authorization.

Feature Type: Characteristic Type:
 Add Feature Type Add Characteristic Type
 View/Update/Delete Feature Type View/Update/Delete Characteristic Type
Route: Roadway ID:
 Add Route Add Roadway ID
 View/Update/Delete Route View/Update/Delete Roadway ID
 Route Sequencing
Off-line Processes:
 Add Off-line Jobcard Information View/Update/Delete Off-line Jobcard Information

Validate Button

After making any changes to RCI data, it is good practice to click **Validate**. The **Validate** button opens the *Validate Feature and Characteristics Data* screen. If there is an error, it is noted as shown on the screen below.

Validate Feature and Characteristics Data Screen

This screen lists the RCI header information as well as the feature table data. The feature table data shows the items below:

- Feature Number – Related to the error.
- Beg. MP – BMP of the error.
- End. MP – EMP of the error.
- Characteristic – The characteristic that contains the error.
- Value – The characteristic value in error.
- Side – The side of road with the error.
- Error Message – A description of the error.

Roadway Characteristics Inventory Help
4/15/2013 11:44AM EST

Validate Feature and Characteristics Data

Roadway ID: Man-Dist: Geo-Dist: County: Beg. MP: End. MP: Net Length: Overall Status:
77040000 05 05 SEMINOLE 0.000 16.100 14.915 ACTIVE WITH COMBINATION

Description: SR.46 FROM SR 15 TO VOLUSA CO LINE

Feature	Beg. MP	End. MP	Characteristic	Value	Side	Error
There are no errors for the data selected.						

Validate Button Error Message Examples

Detailed validate button error examples are:

- TYPEROAD value not uniform for the roadway segment. TYPEROAD could be set to composite, but a median is also coded for the same alignment.
- BEGSECNM not found for the roadway.

Update Feature and Characteristic Data

This section addresses updating feature and characteristic data. You will need RACF authority in order to update.

1. Open the *Feature and Characteristics List* screen then click **Show Details**.
2. The first section contains the milepoint, roadway side, and geospatial information. If anything has changed, update the data and check the **Update** checkbox within this section.
3. The second section has characteristic information. If anything has changed, update the data and check the **Update** checkbox within this section.
4. Click **Update** at the top or bottom to save the changes.

All buttons except the **Update** button are disabled when one or more checkboxes are checked.

After making changes, the Location Updated information and/or the Char. Updated information update automatically.

Delete Feature and Characteristic Data

Single Delete Method

This method deletes selected characteristics within a feature. It requires RACF authority.

1. Open the *Feature and Characteristics List* screen then click **Show Details**.
2. Check at least one B checkbox.
3. Click **Update**.

Mass Delete Method

Mass deleting requires RACF authority. The Mass Delete Features sub-tab deletes entire features, characteristics, or specified characteristics.

1. Click the **Feat/Char** tab then click the Mass Delete Features sub-tab.
2. Enter a roadway ID, the feature number, BMP (optional), EMP (optional), and side (optional).
3. Click **Delete**.
4. A window will appear saying, "Are you SURE you want to Delete this Feature Number?" Click **OK**.

Mass Delete Rules

- Feature 139 New Alignment cannot be deleted directly. In order to delete it, delete Feature 138.
- Feature 143 Associated Station Exceptions cannot be deleted directly. In order to delete it, delete Feature 141.
- If a milepoint range and/or a side of road are given for the mass delete, any portion of those features and characteristics that fall in the specified range will be deleted.
- If a BMP is not specified, then the starting point will be the BMP of the roadway ID.
- If an EMP is not specified, then the ending point will be the EMP of the roadway ID.
- If a side is not specified, then all sides of the roadway will be deleted.
- If all characteristics for one feature location are deleted, then the feature record will be deleted as well.

Deleting Exceptions

For information on how to delete exceptions see above, Delete Feature and Characteristic Data.

Deleting Realignments

For information on how to delete realignments see above, Delete Feature and Characteristic Data.

Deleting Roadway Segments from a Route

Delete roadway segments from a route by deleting the route's data under Features 111 and 113. See above, Delete Feature and Characteristic Data.

Add Characteristics Sub-tab

This sub-tab allows you to add characteristic data to roadway IDs. Up to six characteristics can be added at a time. There are three methods of adding characteristics: type in, get characteristics, and adding characteristics by group (this is only for Office of Maintenance).

The screenshot shows the 'Roadway Characteristics Inventory' sub-tab. At the top, there are tabs for Main, Feat/Char, Roadway ID, Routes, Reports, History, and Other. The 'Feat/Char' tab is selected. Below the tabs, there are buttons for Find, Feature Type List, Add Characteristics, and Mass Delete Features. The 'Add Characteristics' section is highlighted. It contains a 'Roadway ID' field, a note about entering feature numbers or characteristic codes, and a 'Get Characteristics' button. Below this is a section for 'Add Characteristics Grouped By Feature' with dropdowns for 'Roadway ID', 'Side', and 'Which Characteristics?'. A note at the bottom indicates that '*' indicates a required field.

Type in Method

A short cut for adding characteristics is to skip entering the feature number and enter a characteristic code. Enter a roadway ID and a characteristic code, then click **Continue**. The detail area will appear.

The screenshot shows the 'Roadway Characteristics Inventory' sub-tab with a 'Detail Area' highlighted. The 'Add Characteristics' section is visible, showing a table for adding characteristics by type. A red arrow points to the 'Add' button in the table. Another red arrow points to the 'Add' button in the 'Add Characteristics Grouped By Feature' section below. The table has columns for Add, Feature/Characteristic, Beg. MP, End. MP, Side, Value, and Unit. The 'Detail Area' is enclosed in a black box.

Fill in the BMP, EMP, and value fields accordingly. (Depending on the characteristic, the required fields will differ. Enter the necessary information.) Finally, click **Add**. The *Add Characteristics* screen refreshes and the detail area disappears.

Get Characteristics Method

1. Enter a roadway ID.
2. Enter a feature number or feature numbers.
3. Click Get Characteristics.
4. Choose a characteristic from the dropdown menu.
5. Click Continue and the detail area will appear.

6. Fill in the BMP, EMP, and value fields accordingly. (Depending on the characteristic, the required fields will differ. Enter the necessary information.)
7. Click the add button. The Add Characteristics sub-tab refreshes and the detail area disappears.

NOTE: Use the reset button at any time to clear all fields except for the roadway ID.

Interlocking Features with Interlocking Characteristics
To the right, characteristics for Feature 215 will be interlocked. Using the **Copy** button reduces milepoint errors and ensures interlocking.

Interlocking means characteristics are coded with the same beginning and ending milepoint range. Once the characteristics within the feature interlock, only the BMP and EMP of the interlocking characteristic group need to be changed, the RCI system will automatically change the milepoints for the entire interlocking group of characteristics.

NOTE: Only characteristics within the same feature can be interlocked. Features cannot be interlocked with other features.

Once the characteristics are interlocked within a feature, they cannot be unlocked. In order to unlock them, the single characteristic or group of characteristics must be deleted then re-added.

After clicking **Continue**, using either method, the detail area appears.

Interlocking characteristics will appear grouped together like in the image to the right.

Feature 215 - MEDIAN						LENGTH/INTERLOCKING	
Beg. MP	End. MP	Characteristic	Value	Unit	Side	Offset	Char. Updated
5.222	6.333	HIGHWAY MEDIAN WIDTH	40	FT	C		RCIUSR1 05/28/2013
		HIGHWAY MEDIAN TYPE	08 - LAWN/TURF	CD	C		RCIUSR1 05/28/2013
		TYPE OF MEDIAN BARRIER	04 - GUARDRAIL (ALL TYPES)	CD	C		RCIUSR1 05/28/2013

Detail Area

- Add – Contains a checkbox for adding or not adding.
- Feature/Characteristic – Contains the feature number, the characteristic code, and characteristic name.
- Beg. MP – Field to enter the BMP of the roadway ID.
- End. MP – Field to enter the EMP of the roadway ID.
- Side – Left, right, or composite.
- Value – Field to enter the value/code.
- Unit – Contains the unit of measurement.

Read Only Mode

Roadway Characteristics Inventory

Help Login
4/17/2013 10:59AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Find Feature Type List Add Characteristics Mass Delete Features

Roadway ID: Man-Dist: Geo-Dist: County: Beg. MP: End. MP: Net Length: Overall Status:
01999999 01 01 CHARLOTTE 0.000 18.180 18.180 ACTIVE ON THE SHS

Description: TEST ROAD

Please enter 1 to 6 Feature Numbers and press the "Get Characteristics" button for a dropdown list of related Characteristics or enter 1 to 6 Characteristic Codes and press "Continue" button.

Feature	Characteristic	Feature	Characteristic	Feature	Characteristic
<input type="text"/>	LOCALNAM	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>					

Include Geospatial Input Fields

Reset Continue

Add

Feature/Characteristic Beg. MP End. MP Side Value Unit

114 - LOCALNAM LOCAL NAME OF FACILITY COMPOSITE ID

Add

OR

Add Characteristics Grouped By Feature
*Roadway ID: *Side: *Which Characteristics?
01999999 Please Select... Please Select... Add

* Indicates a required field

Include Geospatial Input Fields Checkbox

The Add Characteristics sub-tab includes a checkbox called **Include Geospatial Input Fields**. Check the checkbox to add GPS coordinate information.

Read Only Mode

Roadway Characteristics Inventory

Help Login
4/17/2013 11:22AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Find Feature Type List Add Characteristics Mass Delete Features

Roadway ID: Man-Dist: Geo-Dist: County: Beg. MP: End. MP: Net Length: Overall Status:
01999999 01 01 CHARLOTTE 0.000 18.180 18.180 ACTIVE ON THE SHS

Description: TEST ROAD

Please enter 1 to 6 Feature Numbers and press the "Get Characteristics" button for a dropdown list of related Characteristics or enter 1 to 6 Characteristic Codes and press "Continue" button.

Feature	Characteristic	Feature	Characteristic	Feature	Characteristic
114	LOCALNAM	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>					

Include Geospatial Input Fields

Reset Continue

Add

Feature/Characteristic Beg. MP End. MP Side Value Unit

114 - LOCALNAM LOCAL NAME OF FACILITY COMPOSITE ID

Beg. Lat.	<input type="text"/>	End. Lat.	<input type="text"/>	Collection Method	<input type="text"/>
Beg. Long.	<input type="text"/>	End. Long.	<input type="text"/>	Datum	<input type="text"/>
Beg. Elev.	<input type="text"/>	End. Elev.	<input type="text"/>	Projection	<input type="text"/>

Add

OR

Add Characteristics Grouped By Feature
*Roadway ID: *Side: *Which Characteristics?
01999999 Please Select... Please Select... Add

* Indicates a required field

Geospatial Input Fields

- Beg. Lat. – Field to enter the beginning latitude.
- Beg. Long. – Field to enter the beginning longitude.
- Beg. Elev. – Field to enter the beginning elevation.
- End Lat. – Field to enter the ending latitude.
- End Long. – Field to enter the ending longitude.
- End Elev. – Field to enter the ending elevation.
- Collection Method – Dropdown menu containing aerial photography, mapping grade GPS, satellite, survey grade GPS, traditional survey, and video log GPS.
- Datum – Dropdown menu containing HARN 98, HPGN, NAD 27, NAD 83, WGS 72, and WGS 84.
- Projection – Dropdown menu containing Albers, none (decimal degrees), none (deg/min/sec), St Plane FL E FIPS 0901 - FT, St Plane FL E FIPS 0901 - M, St Plane FL N FIPS 0903 - FT, St Plane FL N FIPS 0903 - M, St Plane FL W FIPS 0902 - FT, St Plane FL W FIPS 0902 - M, UTM Zone 16 North, and UTM Zone 17 North.

Adding Exceptions

For information on how to add exceptions, see the RCI Handbook chapter 7, Feature 141.

Adding Realignments

For more information on adding realignments see the RCI Handbook chapter 5, Realignments.

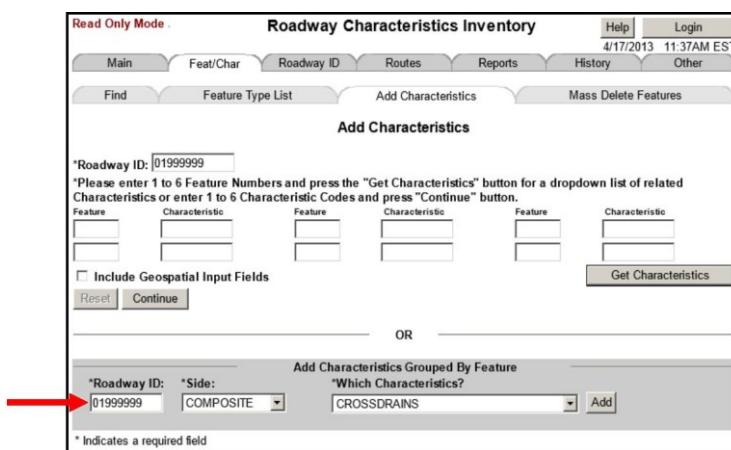
Adding Roadway Segments to a Route

Enter data for Features 111 and 113 for a roadway ID. The steps involved with adding routes are the same as adding characteristics. See above, Add Characteristics Sub-tab.

Adding Characteristics by Group

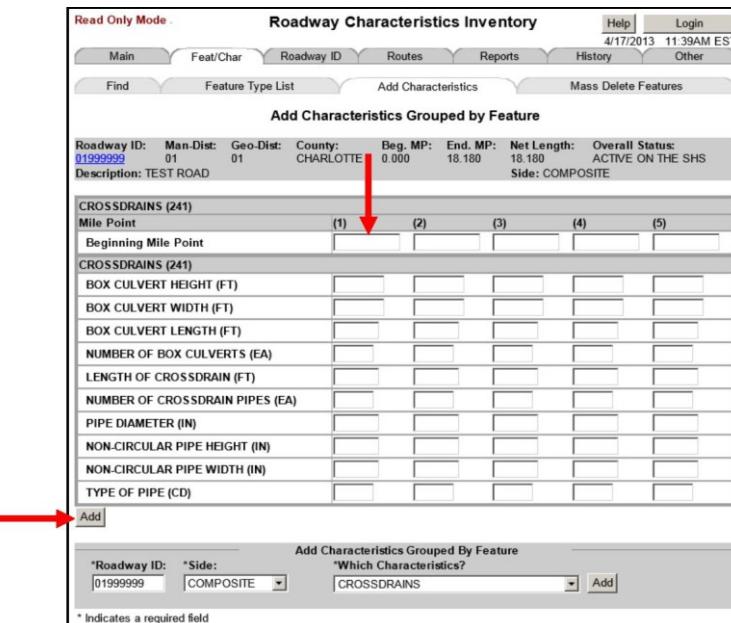
The bottom of the page contains a section called **Add Characteristics Grouped By Feature**. This method is only used by the Office of Maintenance.

Enter a **Roadway ID**, **Side**, and **Characteristic**, then click **Add**.



The screenshot shows the 'Add Characteristics' screen. At the top, there are tabs for Main, Feat/Char, Roadway ID, Routes, Reports, History, and Other. The 'Roadway ID' tab is selected. Below the tabs, there are buttons for Find, Feature Type List, Add Characteristics, and Mass Delete Features. The 'Add Characteristics' section contains a grid for entering characteristics by feature, with columns for Feature and Characteristic. A 'Get Characteristics' button is located to the right of the grid. Below this is a section for 'Add Characteristics Grouped By Feature' with fields for 'Roadway ID' (01999999), 'Side' (COMPOSITE), and 'Which Characteristics' (CROSSDRAINS). A red arrow points to the 'Side' dropdown.

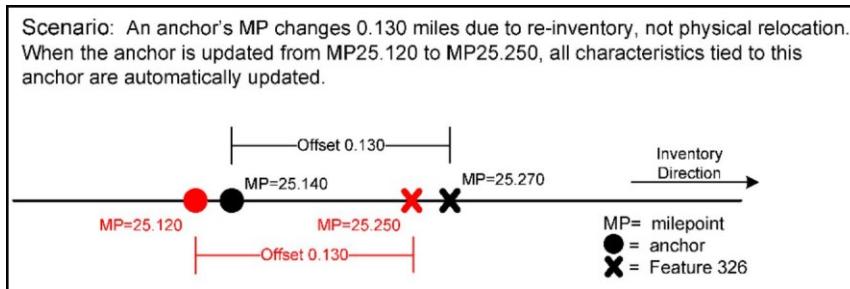
On the *Add Characteristics Grouped by Feature* screen, enter data by columns, not by rows. After all information is entered, click **Add**.



The screenshot shows the 'Add Characteristics Grouped by Feature' screen. At the top, there are tabs for Main, Feat/Char, Roadway ID, Routes, Reports, History, and Other. The 'Roadway ID' tab is selected. Below the tabs, there are buttons for Find, Feature Type List, Add Characteristics, and Mass Delete Features. The 'Add Characteristics Grouped by Feature' section contains a table for entering characteristics grouped by feature. The table has columns for 'Mile Point' and numbered columns (1) through (5). Below the table is a section for 'Add Characteristics Grouped By Feature' with fields for 'Roadway ID' (01999999), 'Side' (COMPOSITE), and 'Which Characteristics' (CROSSDRAINS). A red arrow points to the 'Add' button at the bottom left.

Tying a characteristic associates it with a milepoint. This minimizes the amount of manual data entry and synchronization required to adjust the location of characteristics when milepoint information is shifted. The milepoints used for tying are referred to as anchors.

Tying a characteristic anchors it to a specific milepoint. If the milepoint shifts, the tied characteristic moves with it – keeping the same distance between them.



Tying rules:

- Only the data coded under Feature 251 are used as anchors.
- The same anchor may be used for multiple characteristics.
- Not all characteristics can be tied to anchors.
- The deletion of data from Feature 251 that are being used as anchors will be prevented.
- A characteristic that is tied to an anchor may be deleted without affecting the anchor to which it is tied.

Anchor Detail List Screen

Click **Tie** on the *Features and Characteristics Detail List* screen to bring up the *Anchor Detail List* screen. The *Anchor Detail List* screen allows the selected characteristic to be tied to a particular anchor milepoint. If a characteristic cannot be tied, then **Tie** will not appear on the page.

RCIUSR1

Roadway Characteristics Inventory

Main Feat/Char Roadway ID Routes Reports History Other

5/29/2013 11:36AM EST

Find Feature Type List Add Characteristics Mass Delete Features

Feature and Characteristics Detail List

Roadway ID: Man-Dist: Geo-Dist: County: Beg. MP: End. MP: Net Length: Overall Status:
01000001 01 01 CHARLOTTE 0.000 5.400 0.000 INACTIVE
Description: ZEMEL ROAD VideoLog Enterprise GIS

Update Validate Hide Details Previous Next

Feature 212 - THRU LANES (arrow points to this text)

Beg. MP:	0.000 <input type="button" value="Tie"/>	Latitude	Longitude	Location Updated
End. MP:	5.400 <input type="button" value="Tie"/>	Beg.:	End.:	By: KNFTEBS On: 09/19/2005
Side:	COMPOSITE <input type="button" value="Update"/>	Geospatial		
<input type="checkbox"/> Tied: No				

The *Anchor Detail List* screen is divided into two halves separated by an “OR.” The bottom of the screen is used to create the tie between a characteristic and an anchor. The top of the screen is used to adjust the desired distance between the characteristic and anchor.

In the **Anchor List to Tie...** table at the bottom of the screen, select a **Tie To** radio button. The table gives the location of the anchor. Distance from the anchor is indicated with a positive number or negative number. A positive number exists at or after the characteristic, and a negative number exists before the characteristic.

Read Only Mode

Roadway Characteristics Inventory

Main Feat/Char Roadway ID Routes Reports History Other

5/14/2013 9:13AM EST

Find Detail Feature Type List Add Characteristics Mass Delete Features

Anchor Detail List

Roadway ID: Man-Dist: Geo-Dist: County: Beg. MP: End. MP: Net Length: Overall Status:
01000001 01 01 CHARLOTTE 0.000 5.400 0.000 INACTIVE
Description: ZEMEL ROAD VideoLog

Please set this Feature's Mile Point by the exact distance to the current anchor, enter the distance in the Miles to Anchor field or Feet to Anchor field.

Feature:	212 - THRU LANES	Side:	COMPOSITE	Beg. MP:	0.000	
Tied to:	This Feature Mile Point is Not Tied				Anchor MP:	
					Miles to Anchor:	
					Feet to Anchor:	
<input type="button" value="Update"/>						Last Updated By: KNFTEBS On: 09/19/2005

OR

Please select one characteristic location to be used as an anchor.

Anchor List to Tie Beg. MP: 0.000

Tie To	Anchor MP	Distance to Anchor	Characteristic
		Miles Feet	Code Description Value Side
C	0.000	0.000 0.00	BEGSECNM BEG RDWY SECTION POINT DESC. BURNT STORE RD C
C	5.400	28,512.00	ENDSECNM END OF SECT. DESC. SR 45/US 41 C

Items on this screen are as follows:

- RCI Header Information – Same as previously discussed.
- Feature – The feature number and name.
- Side – Side of roadway.
- Tied to – Milepoint to which the characteristic is tied.
- Beg. MP – BMP of the characteristic.
- Anchor MP – The milepoint of the anchor.
- Miles to Anchor – Distance from the characteristic's BMP to the anchor selected in miles.
- Feet to Anchor – Distance from the characteristic's BMP to the anchor selected in feet.
- Last Updated By – The last date the characteristic was tied and who performed the tie.
- Update Button – Used to update the top half of the screen.
- Tie To – Radio button to select an anchor.
- Anchor MP – The milepoint of the anchor.
- Distance to Anchor – Miles-distance in miles. Feet-distance in feet.
- Characteristic – Code-characteristic code. Description-characteristic description. Value-value of the characteristic. Side-side of the roadway.
- Tie Button – Used to tie a characteristic.
- Untie Button – Used to untie a characteristic.

Read Only Mode: **Roadway Characteristics Inventory**

Help Login 5/14/2013 9:13AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Find Detail Feature Type List Add Characteristics Mass Delete Features

Anchor Detail List

Roadway ID: 01000001	Man-Dist: 01	Geo-Dist: 01	County: CHARLOTTE	Beg. MP: 0.000	End. MP: 5.400	Net Length: 0.000	Overall Status: INACTIVE
Description: ZEMEL ROAD							

To set this Feature's Mile Point by the exact distance to the current anchor, enter the distance in the Miles to Anchor field or Feet to Anchor field.

Feature: 212 - THRU LANES Side: COMPOSITE Beg. MP: 0.000

Tied to: This Feature Mile Point is Not Tied Anchor MP: Miles to Anchor: Feet to Anchor: Last Updated By: KNFTEBS On: 09/19/2005

OR

Please select one characteristic location to be used as an anchor.

Anchor List to Tie Beg. MP: 0.000

Tie To	Anchor MP	Miles	Feet	Code	Description	Value	Side
<input checked="" type="radio"/>	0.000	0.000	0.00	BEGSECNM	BEG RDWY SECTION POINT DESC.	BURNT STORE RD	C
<input type="radio"/>	5.400	5.400	28,512.00	ENDSECNM	END OF SECT. DESC.	SR 45/US 41	C

NOTE: Click **Help** on the *Anchor Detail List* screen for more information.

How to Tie a Characteristic

To tie a feature, start with any roadway ID's *Feature and Characteristics Detail List* screen.

1. Click **Show Details**.
2. Click the **Tie** button for the milepoint you want to tie.

RCIUSR1: **Roadway Characteristics Inventory**

Help Logout 5/29/2013 11:36AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Find Feature Type List Add Characteristics Mass Delete Features

Feature and Characteristics Detail List

Roadway ID: 01000001	Man-Dist: 01	Geo-Dist: 01	County: CHARLOTTE	Beg. MP: 0.000	End. MP: 5.400	Net Length: 0.000	Overall Status: INACTIVE
Description: ZEMEL ROAD							

Feature 212 - THRU LANES

Beg. MP: 0.000 <input type="button" value="Tie"/>	Latitude	Longitude	Location Updated
End. MP: 5.400 <input type="button" value="Tie"/>	Beg.:	End.:	By: KNFTEBS
Side: COMPOSITE <input type="button" value="Tie"/>			On: 09/19/2005
<input type="checkbox"/> Update	Tied: No	<input type="button" value="Geospatial"/>	

3. Select an anchor that references the correct location by clicking its radio button in the **Tie To** column.
4. Click **Tie** at the bottom of the page.
5. Click the **Detail** sub-tab to return to the *Feature and Characteristics Detail List* screen.

RCIUSR1: **Roadway Characteristics Inventory**

Help Logout 5/29/2013 11:42AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Find Detail Feature Type List Add Characteristics Mass Delete Features

Anchor Detail List

Roadway ID: 01000001	Man-Dist: 01	Geo-Dist: 01	County: CHARLOTTE	Beg. MP: 0.000	End. MP: 5.400	Net Length: 0.000	Overall Status: INACTIVE
Description: ZEMEL ROAD							

To set this Feature's Mile Point by the exact distance to the current anchor, enter the distance in the Miles to Anchor field or Feet to Anchor field.

Feature: 212 - THRU LANES Side: COMPOSITE Beg. MP: 0.000

Tied to: BEGSECNM - BEG RDWY SECTION POINT DESC. - BURNT STORE RD Anchor MP: 0.000

Miles to Anchor: 0.000 Feet to Anchor: 0.000

OR

Please select one characteristic location to be used as an anchor.

Anchor List to Tie Beg. MP: 0.000

Tie To	Anchor MP	Miles	Feet	Code	Description	Value	Side
<input checked="" type="radio"/>	0.000	0.000	0.00	BEGSECNM	BEG RDWY SECTION POINT DESC.	BURNT STORE RD	C
<input type="radio"/>	5.400	5.400	28,512.00	ENDSECNM	END OF SECT. DESC.	SR 45/US 41	C

6. Verify that the characteristic is tied to the anchor.
7. Click on the same **Tie** button that was previously clicked to navigate back to the *Anchor Detail List* screen.

RCIUSR1... Roadway Characteristics Inventory Help Logoff
 5/29/2013 11:44AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Find Feature Type List Add Characteristics Mass Delete Features

Feature and Characteristics Detail List

Roadway ID: Man-Dist: Geo-Dist: County: Beg. MP: End. MP: Net Length: Overall Status:
 01000001 01 01 CHARLOTTE 0.000 5.400 0.000 INACTIVE
 Description: ZEMEL ROAD VideoLog Enterprise GIS

Feature 212 - THRU LANES

Beg. MP: Tie End. MP: Tie Beg.: Latitude Longitude Location Updated
 Side: COMPOSITE End.: By: KNFTEBS
 On: 09/19/2005

Update Geospatial

Previous Next LENGTH/INTERLOCKING

8. Use the **Distance to Anchor** column to enter the value for either **Miles to Anchor** or **Feet to Anchor**.
9. Click **Update**.
10. Click the Details sub-tab to return to the *Feature and Characteristics Detail List* screen.

RCIUSR1... Roadway Characteristics Inventory Help Logoff
 5/29/2013 11:46AM EST

Main Feat/Char Roadway ID Routes Reports History Other

Find Detail Feature Type List Add Characteristics Mass Delete Features

Anchor Detail List

Roadway ID: Man-Dist: Geo-Dist: County: Beg. MP: End. MP: Net Length: Overall Status:
 01000001 01 01 CHARLOTTE 0.000 5.400 0.000 INACTIVE
 Description: ZEMEL ROAD VideoLog

To set this Feature's Mile Point by the exact distance to the current anchor, enter the distance in the Miles to Anchor field or Feet to Anchor field.

Feature: 212 - THRU LANES Side: COMPOSITE Beg. MP: 0.000
 Tied to: BEGSECNM - BEG.RDWY.SECTION POINT DESC. - BURNT STORE RD Anchor MP: 0.000
 Miles to Anchor: Feet to Anchor:
 Last Updated By: KNFTEBS On: 09/19/2005

OR

Please select one characteristic location to be used as an anchor.
 Anchor List to Tie Beg. MP: 0.000

		Distance to Anchor		Characteristic			
Tie To	Anchor MP	Miles	Feet	Code	Description	Value	Side
<input checked="" type="radio"/>	0.000	0.000	0.00	BEGSECNM	BEG.RDWY.SECTION POINT DESC.	BURNT STORE RD	C
<input type="radio"/>	5.400	5.400	28,512.00	ENDSECNM	END OF SECT. DESC.	SR 45/US 41	C

Tie Untie

How to Untie a Characteristic

To untie a feature, start with any roadway ID's *Feature and Characteristics Detail List* screen.

1. Click **Show Details**.
2. Click the **Tie** button for the milepoint you want to untie.

RCIUSR1 Roadway Characteristics Inventory Help Logoff
5/29/2013 11:44AM EST
Main Feat/Char Roadway ID Routes Reports History Other
Find Feature Type List Add Characteristics Mass Delete Features
Feature and Characteristics Detail List
Roadway ID: Man-Dist: Geo-Dist: County: Beg. MP: End. MP: Net Length: Overall Status:
01000001 01 01 CHARLOTTE 0.000 5.400 0.000 INACTIVE
Description: ZEMEL ROAD VideoLog Enterprise GIS
Update Validate Hide Details Previous Next
Feature 212 - THRU LANES LENGTH/INTERLOCKING
Beg. MP: 0.000 Tie 2 Latitude Longitude Location Updated
End. MP: 5.400 Tie Beg.: By: KNFTEBS
Side: COMPOSITE End.: On: 09/19/2005
Update Tied: Beg Geospatial

3. Click **Untie**. The system will automatically navigate to the *Feature and Characteristics Detail List* screen.
4. Verify that the untie was successful.

RCIUSR1 Roadway Characteristics Inventory Help Logoff
5/29/2013 11:47AM EST
Main Feat/Char Roadway ID Routes Reports History Other
Find Detail Feature Type List Add Characteristics Mass Delete Features
Anchor Detail List
Roadway ID: Man-Dist: Geo-Dist: County: Beg. MP: End. MP: Net Length: Overall Status:
01000001 01 01 CHARLOTTE 0.000 5.400 0.000 INACTIVE
Description: ZEMEL ROAD VideoLog
To set this Feature's Mile Point by the exact distance to the current anchor, enter the distance in the Miles to Anchor field or Feet to Anchor field.
Feature: 212 - THRU LANES Side: COMPOSITE Beg. MP: 0.000
Tied to: BEGSECNM - BEG RDWY SECTION POINT DESC. - BURNT STORE RD Anchor MP: 0.000
Miles to Anchor: 0.000
Feet to Anchor: 0.00
Update Last Updated By: RCIUSR1 On: 05/29/2013
OR
Please select one characteristic location to be used as an anchor.
Anchor List to Tie Beg. MP: 0.000
Characteristic
Tie To Anchor MP Miles Feet Code Description Value Side
C 0.000 0.000 0.00 BEGSECNM BEG RDWY SECTION POINT DESC. BURNT STORE RD C
C 5.400 5.400 28,512.00 ENDSECNM END OF SECT. DESC. SR 45/US 41 C
Tie Untie 3

RCIUSR1 Roadway Characteristics Inventory Help Logoff
5/29/2013 11:50AM EST
Main Feat/Char Roadway ID Routes Reports History Other
Find Feature Type List Add Characteristics Mass Delete Features
Feature and Characteristics Detail List
Roadway ID: Man-Dist: Geo-Dist: County: Beg. MP: End. MP: Net Length: Overall Status:
01000001 01 01 CHARLOTTE 0.000 5.400 0.000 INACTIVE
Description: ZEMEL ROAD VideoLog Enterprise GIS
Update Validate Hide Details Previous Next
Feature 212 - THRU LANES LENGTH/INTERLOCKING
Beg. MP: 0.000 Tie Latitude Longitude Location Updated
End. MP: 5.400 Tie Beg.: By: RCIUSR1
Side: COMPOSITE End.: On: 05/29/2013
Update Tied: No 4 Geospatial

GEOSPATIAL INFORMATION AND OFFSETS**Finding Geospatial Information**

Click **Geospatial** on the *Feature and Characteristics Detail List* screen to open the *Geospatial Information* screen.

The screenshot shows the 'Roadway Characteristics Inventory' software interface. At the top, there are tabs for Main, Feat/Char, Roadway ID, Routes, Reports, History, and Other. Below these are buttons for Find, Feature Type List, Add Characteristics, and Mass Delete Features. The main area is titled 'Feature and Characteristics Detail List' and shows details for 'Feature 215 - MEDIAN'. The data includes: Beg. MP: 9.436, End. MP: 9.498, Side: COMPOSITE, Beg.: Latitude, End.: Longitude, and a 'Geospatial' button. Below this, there are sections for 'Characteristic: MEDWIDTH - HIGHWAY MEDIAN WIDTH' and 'Characteristic: RDMEDIAN - HIGHWAY MEDIAN TYPE'. At the bottom, there is a 'Short Cut' section with a radio button for 'Roadway' selected, and fields for 'ID: 13010000', 'Feat. Number: 215', 'Beg. MP:', 'End. MP:', 'Side:', 'Offset:', and 'Characteristic Code:'. There are also 'Update' and 'Validate' buttons.

Geospatial Information Screen

The *Geospatial Information* screen displays all the GPS coordinate information that is available for the selected characteristic.

- RCI Header Information – As previously discussed.
- Beg. MP – BMP of the characteristic.
- End. MP – EMP of the characteristic.
- Side – Side of road.
- Beginning Latitude – Geographical coordinate for the BMP.
- Beginning Longitude – Geographical coordinate for the BMP.
- Ending Latitude – Geographical coordinate for the EMP.
- Ending Longitude – Geographical coordinate for the EMP.
- Beginning Elevation – Elevation of the BMP.
- Ending Elevation – Elevation of the EMP.
- Datum – Reference datum used for elevation.
- Projection – Map projection method used.
- Collection Method – Method of data collection.
- Update Button – Updates the information.

The screenshot shows the 'Roadway Characteristics Inventory' software interface with the 'Geospatial Information' tab selected. At the top, there are tabs for Main, Feat/Char, Roadway ID, Routes, Reports, History, and Other. Below these are buttons for Find, Detail, Feature Type List, Add Characteristics, and Mass Delete Features. The main area is titled 'Geospatial Information' and shows details for 'Feature 215 - MEDIAN'. The data includes: Beginning Latitude, Beginning Longitude, Ending Latitude, Ending Longitude, Beginning Elevation, Ending Elevation, Datum, Projection, and Collection Method. There is also an 'Update' button.

Adding Geospatial Information

See page 38, Include Geospatial Input Fields Checkbox.

Deleting Geospatial Information

On the *Geospatial Information* screen, clear all data from the entry box(es), then click **Update**.

The screenshot shows the 'Roadway Characteristics Inventory' software interface with the 'Geospatial Information' tab selected. At the top, there are tabs for Main, Feat/Char, Roadway ID, Routes, Reports, History, and Other. Below these are buttons for Find, Detail, Feature Type List, Add Characteristics, and Mass Delete Features. The main area is titled 'Geospatial Information' and shows details for 'Feature 215 - MEDIAN'. The data includes: Beginning Latitude, Beginning Longitude, Ending Latitude, Ending Longitude, Beginning Elevation, Ending Elevation, Datum, Projection, and Collection Method. The 'Update' button is highlighted with a red arrow.

Viewing Historical Geospatial Information

History for geospatial information may also be viewed using the **History** tab. See chapter 7 History tab.

Offsets

Characteristics can exist on right and left sides of roadways.

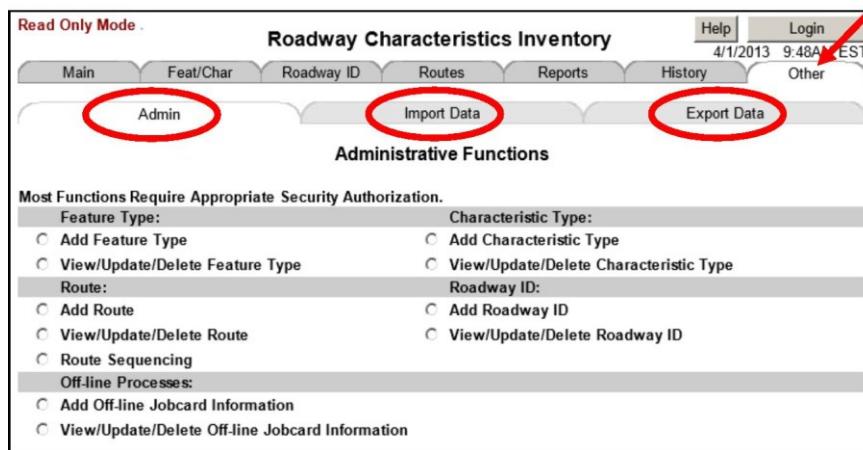
- Offset Type: Identifies what the offset is from, either centerline or other line parallel to the centerline.
- Offset Direction: Refers to the side of road: composite, right or left.
- Offset Distance Measure Code: Distance from a specified part of the roadway where the characteristic is located.

Roadway Characteristics Inventory		Help	Login
		5/29/2013 9:17AM EST	
Main	Feat/Char	Roadway ID	Routes
Reports	History	Other	
Admin		Import Data	Export Data
		Import/Export Data	
Characteristic Type Detail			
Feature Type 114 - LOCAL SYSTEM		TRANSPORTATION STATISTICS OFFICE/LENGTH/ INTERLOCKING	
Description:	OFFSET	Measurement Unit:	FEET
Characteristic Code:	EXAMPLE OF OFFSET	Minimum Value:	1
Relation to Roadway:	OFFSET FROM ROADWAY	Maximum Value:	999
Offset Type:	FROM OUTSIDE EDGE OF ROADWAY	Minimum Date:	
Allow Offset Direction:	RIGHT AND LEFT, RIGHT, OR LEFT	Maximum Date:	
Offset Distance Measure Code:	FEET	Potential Anchor:	NO
Data Type:	NUMBER	Multiples Allowed:	YES
Data Length:	3	† Data Entry Group Order Number: 6	
Decimal Places:	0		
Summarization Formula:	CHARACTERISTIC NOT SUMMED		
Last Updated By: RCIUSR1 On: 05/29/2013			
<input type="button" value="Update"/>		<input type="button" value="Delete"/>	
† Used for "Add Characteristics Grouped By Feature" and "Feature and Characteristics List" web pages.			

Roadway Characteristics Inventory		Help	Login
		5/29/2013 9:17AM EST	
Main	Feat/Char	Roadway ID	Routes
Reports	History	Other	
Admin		Import Data	Export Data
		Import/Export Data	
Characteristic Type Detail			
Feature Type 114 - LOCAL SYSTEM		TRANSPORTATION STATISTICS OFFICE/LENGTH/ INTERLOCKING	
Description:	OFFSET2	Measurement Unit:	FEET
Characteristic Code:	EXAMPLE OF OFFSET2	Minimum Value:	1
Relation to Roadway:	ADJACENT TO ROADWAY	Maximum Value:	99
Offset Type:		Minimum Date:	
Allow Offset Direction:	RIGHT OR LEFT	Maximum Date:	
Offset Distance Measure Code:		Potential Anchor:	NO
Data Type:	NUMBER	Multiples Allowed:	YES
Data Length:	2	† Data Entry Group Order Number: 8	
Decimal Places:	0		
Summarization Formula:	CHARACTERISTIC NOT SUMMED		
Last Updated By: RCIUSR1 On: 05/29/2013			
<input type="button" value="Update"/>		<input type="button" value="Delete"/>	
† Used for "Add Characteristics Grouped By Feature" and "Feature and Characteristics List" web pages.			

The **Other** tab provides administrative, import data, and export data functions. Its primary screen is the *Administrative Functions* screen. It has three sub-tabs:

- Admin – Offers 11 administrative functions.
- Import Data – Helps you set up criteria for importing data.
- Export Data – Helps you set up criteria for exporting data.



Admin Sub-tab

The 11 administrative function of this sub-tab are explained below:

Feature Type

- Add Feature Type – Used to add new features to RCI.
- View/Update/Delete Feature Type – Used to view, update, and/or delete features from RCI.

Characteristic Type

- Add Characteristic Type – Used to add new characteristics to RCI.
- View/Update/Delete Characteristic Type – Used to view, update, and/or delete characteristics from RCI.

Route

- Add Route – Used to add new routes to RCI.
- View/Update/Delete Route – Used to view, update, and/or delete routes from RCI.
- Route Sequencing – Used to establish route sequencing order for routes.

Roadway ID

- Add Roadway ID: Used to add new characteristics to RCI.
- View/Update/Delete Roadway ID: Used to view, update, and/or delete roadway IDs from RCI.

Off-line Processes

- Add Off-line Jobcard Information – Used to set up off-line jobcard information.
- View/Update/Delete Off-line Jobcard Information – Used to view, update, and/or delete off-line jobcard information.

Import Data Sub-tab

The import data functionality allows you to upload information to RCI using an off-line (batch) method. This is useful for processing large amounts of data. Some users currently export data to make changes easier through the TSO/ISPF editor and then import the data back into RCI. You need to have off-line jobcard information in RCI to perform this process.

In addition to update privileges, special security authorization is required to use this process. Currently, Districts do not have permission to use this function. Thus, if the import of data is necessary, contact TranStat to import the data for you.

The following steps are involved in the use of this method.

- Click the Import Data sub-tab.
- Enter information for the input data set name field then click **Submit**.
- Tie and anchor instructions are optional.
- A message will appear stating that the request has been submitted.
- An email message will be sent to your inbox upon completion of the job.

The screenshot shows the 'Import Data' sub-tab of the RCI interface. The top navigation bar includes 'Read Only Mode', 'Help', 'Login', '4/11/2013 11:59AM EST', 'Main', 'Feat/Char', 'Roadway ID', 'Routes', 'Reports', 'History', and 'Other'. The 'Import Data' sub-tab is active. A sub-menu for 'Import Data' is open, showing 'Import Data After Hours' (unchecked), 'Tie eligible Features to Anchors' (radio buttons for 'None', 'All', and 'As indicated in each record' with 'None' selected), and a 'Submit' button.

Export Data Sub-tab

The export data functionality allows you to extract information from RCI in an off-line (batch) method. This is useful for processing large amounts of data. Special security authorization is not required to extract RCI data. You need to have off-line jobcard information in RCI to perform this process.

The following steps are involved to export data:

- Click the Export Data sub-tab.
- Select the desired information for the export by field then click **Continue**.
- On the *Export Data* screen, enter the desired information. At a minimum, enter the required fields and an output data set name then click **Submit**.
- A message will appear stating that the request has been submitted.
- An email message will be sent to your inbox upon completion of the job.

The screenshot shows the 'Export Data' sub-tab of the RCI interface. The top navigation bar includes 'Read Only Mode', 'Help', 'Login', '4/11/2013 12:36PM EST', 'Main', 'Feat/Char', 'Roadway ID', 'Routes', 'Reports', 'History', and 'Other'. The 'Export Data' sub-tab is active. A dropdown menu for 'Export by' is open, showing 'County', 'Please Select', 'County', 'Managing District', and 'Roadway ID'. A note 'Please Select' is displayed. A note '* Indicates a required field' is also present.

The screenshot shows the 'Export Data' sub-tab of the RCI interface. The top navigation bar includes 'Read Only Mode', 'Help', 'Login', '4/11/2013 12:37PM EST', 'Main', 'Feat/Char', 'Roadway ID', 'Routes', 'Reports', 'History', and 'Other'. The 'Export Data' sub-tab is active. A form with fields for 'County' (dropdown with 'Please Select'), 'Feature Number' (text box), 'Roadway ID' (dropdown), 'Characteristic Code' (text box), 'Overall Status' (dropdown), 'Feature Owning Office' (dropdown), and 'Output Data Set Name' (text box). A note 'Please Select' is displayed. A note '* Indicates a required field' is also present.

Flow Diagrams

Figure 1 – Main Tab Flow Diagram

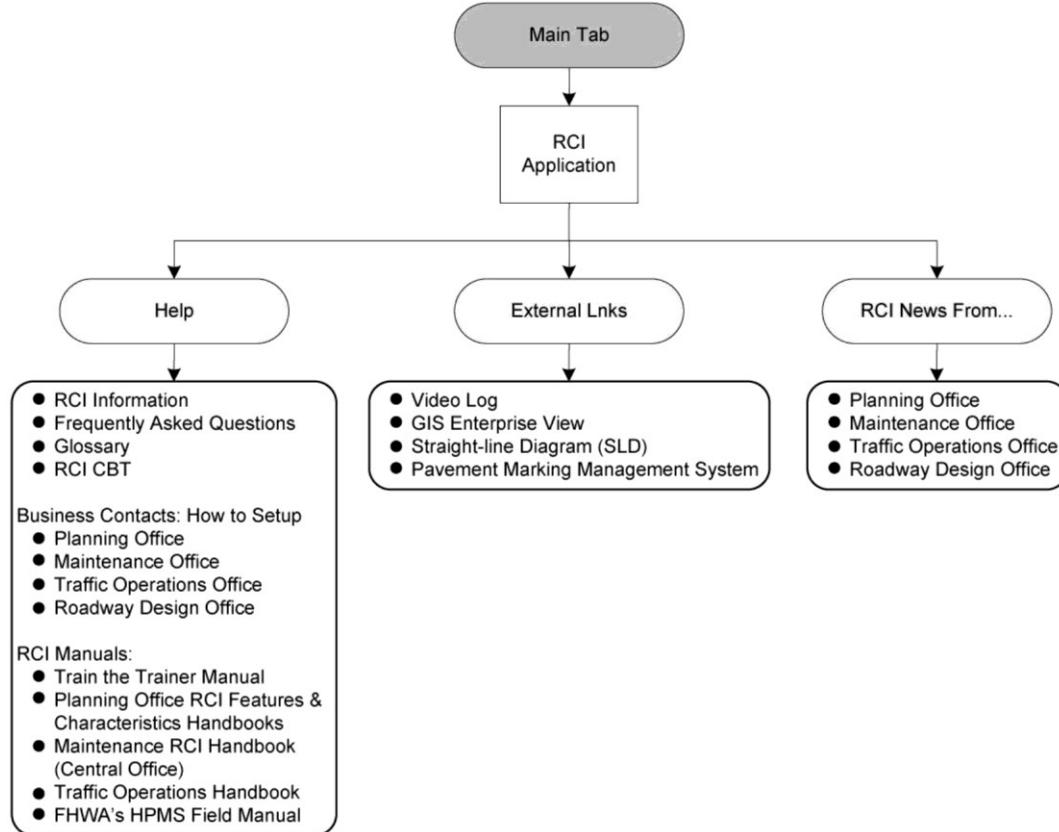


Figure 2 – Roadway ID Tab Flow Diagram

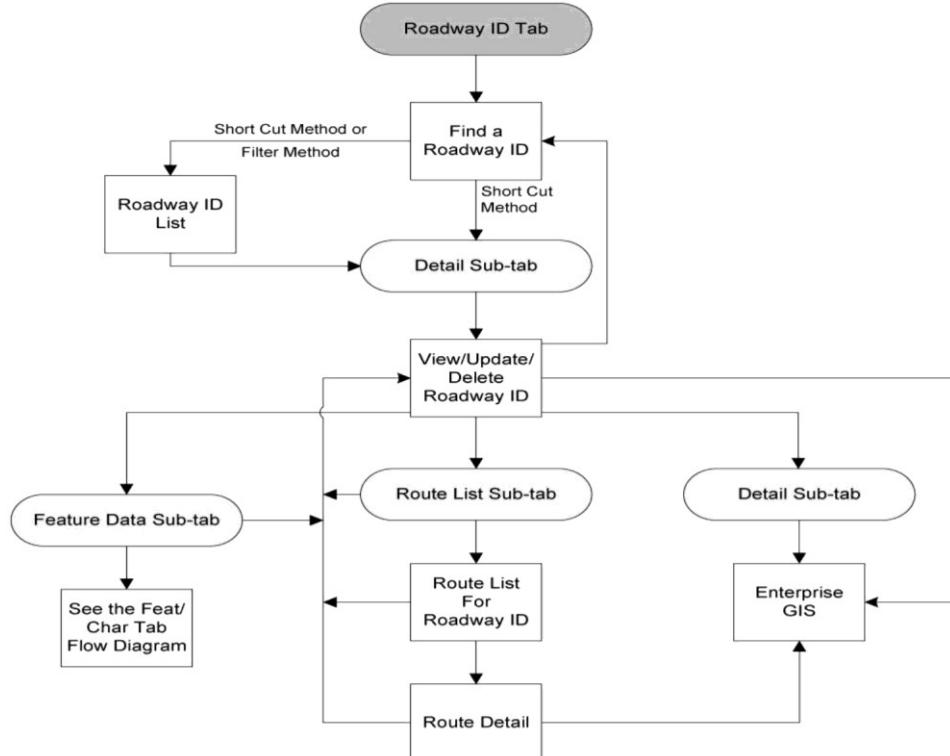


Figure 3 – Feat/Char Tab Flow Diagram

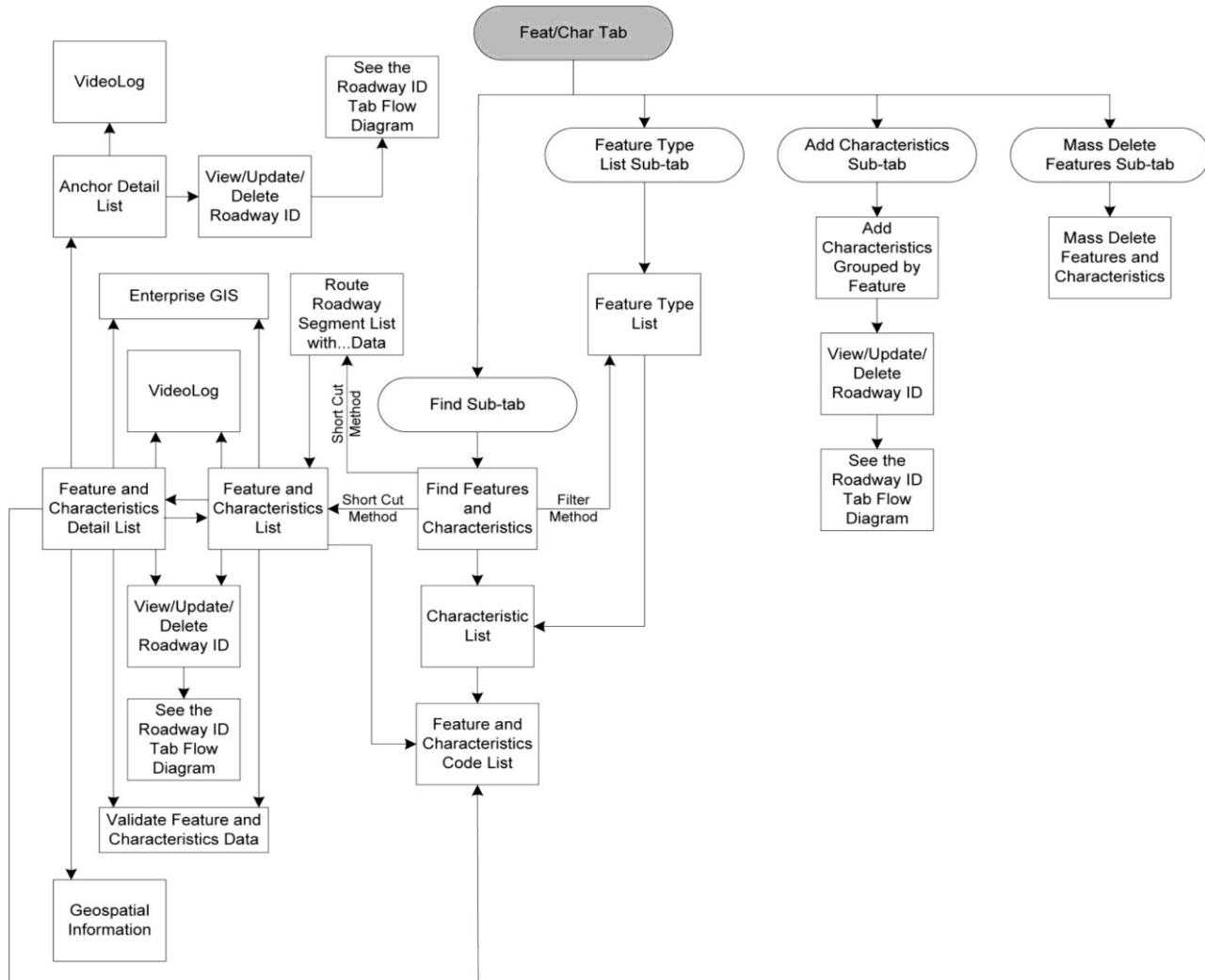


Figure 4 – Routes Tab Flow Diagram

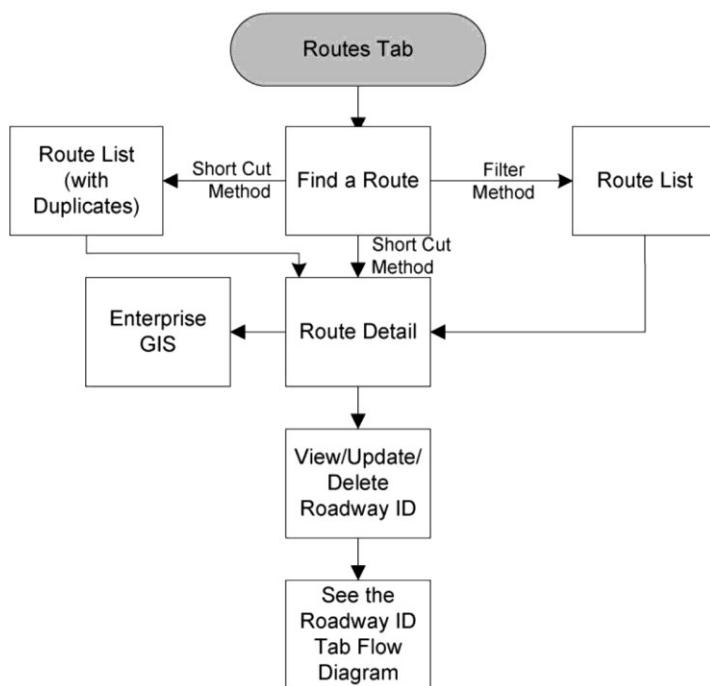


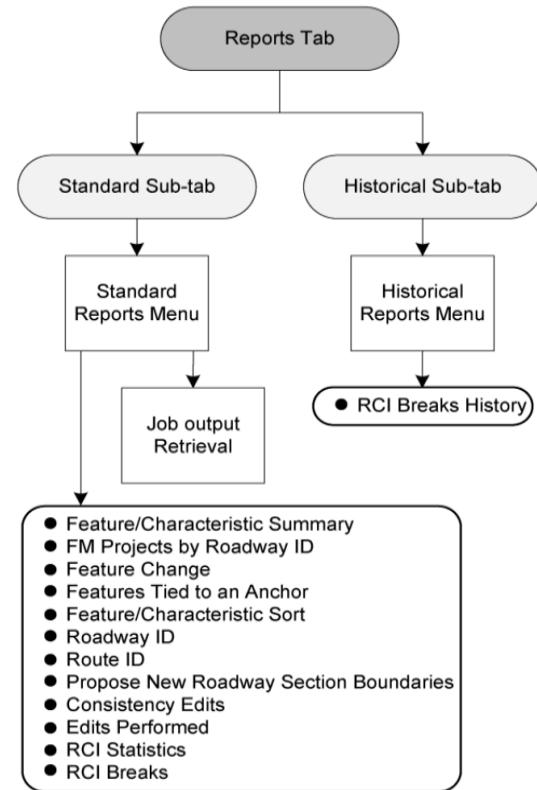
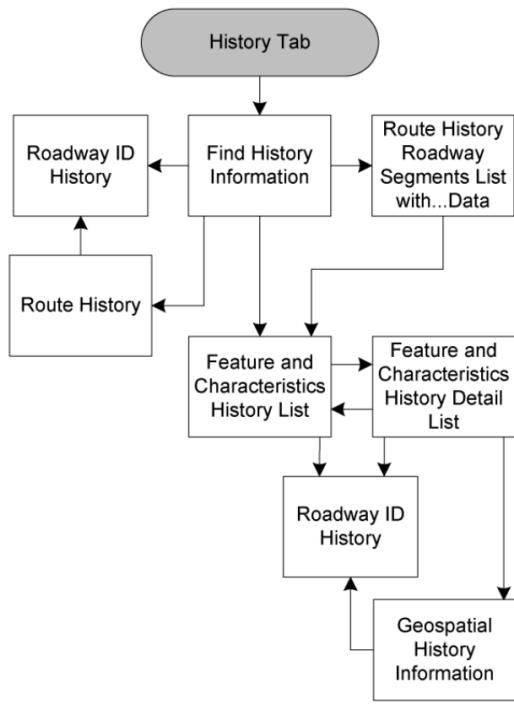
Figure 6 – Reports Tab Flow Diagram**Figure 5 – History Tab Flow Diagram**

Figure 7 – Other Tab Flow Diagram

