

# Grade Crossing Inventory System (GCIS)

Training Slides - Advanced  
2016

# Agenda

- File Uploads
- APIs (Public & Secure)
- Useful Reference Information
- Q&A Session

# File Upload (1 of 2)

- Allows users the ability to add/update multiple crossings at once.
- State users will utilize state template; railroad users the railroad template(s).
- The submission **MUST** be in the template and **MUST** be uploaded within GCIS (no emailed files).
- Users can download their agency's crossing data from the File Upload > Downloads menu. This file can be used to upload crossing data.
- Follow the Electronic Submission Instructions for submitting the appropriate fields.
- The template allows users to enter data that cannot be entered on the online form.
  - In other words, the business rule validations are not built into the spreadsheet.
  - As mentioned previously, the system will validate any data that is included in this submission.

# File Upload (2 of 2)

Agency: CSX Transportation [CSX] Change      Welcome: Sample Test User (Primary User) [Sign Out]

**Federal Railroad Administration**  
Office of Safety Analysis

Home | View Crossings | Update Crossings | Add New Crossing | **File Upload** | User Management | Reports | Help

### Upload Multiple Crossing Record

GCIS Home > File Upload

GCIS provides the ability to submit multiple crossing records at the same time using a preformatted Excel file template. You can download a copy of the Excel template using the link provided below. When you are ready to upload crossing records, press the Browse button to locate and attach the file. After the file is selected, press the Submit button to send the record for error-checking and publishing (if successful).

File to upload:

[Click to download:Grade Crossing Inventory Form Template v2.4.0.0 Rel 02-12-2016 – Railroad Submitting Full Inventory Form](#)  
[Click to download:Grade Crossing Inventory Form Template v2.4.0.0 Rel 02-12-2016 – Railroad Submitting Only Train Count Data](#)

**NOTE:** Only Microsoft Excel 2007 or newer is supported.

You can narrow your search results by using the fields provided below, and then press the Search button.

Submission ID:       Status:

**Submitted Files**

No Upload Records for Union Pacific Railroad Company [UP]

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# File Upload – Templates (1 of 3)

- Two templates for Railroad users.
  - Full Inventory
  - Train Count
- One template for State users

Agency: CSX Transportation [CSX] | Change | Welcome: Sample Test User (Primary User) | [Sign Out]

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Click to download: [Grade Crossing Inventory Form Template v2.4.0.0 Rel 02-12-2016 – Railroad Submitting Only Train Count Data](#)

NOTE: Only Microsoft Excel 2007 or newer is supported.

Agency: VIRGINIA | Change | Welcome: Lili Tran (VA) (Primary User) | [Sign Out]

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### Upload Multiple Crossing Record

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File to upload:

Click to download: [Grade Crossing Inventory Form Template v2.4.0.0 Rel 02-12-2016 – State](#)

NOTE: Only Microsoft Excel 2007 or newer is supported.

# File Upload – Templates (2 of 3)

- Excel file divided into 6 color-coded sections, correlating to Parts I-V.
- Fields with a predetermined list of values have selections available. For example, B. Reporting Agency will allow selection of Railroad or Transit (Railroad template)
- Some fields have validations enforced within Excel
- Fields marked with an asterisk (\*) are optional fields
- Certain fields (I.7-I.12) are not available to State users and don't appear in the State template.
- When saving, recommend using these naming conventions:
  - Railroad File: GXRR\_RAILROADCODE\_MMDDYYYY.XLSX
  - State File: GXST\_STATEABBREVIATION\_MMDDYYYY.XLSX

# File Upload – Templates (3 of 3)

| 1 HEADER      |                  |                   |                               | PART I: LOCATION AND CLASSIFICATION INFORMATION |       |        |                      |            |  |
|---------------|------------------|-------------------|-------------------------------|---|-------|--------|----------------------|------------|--|
| 2             |                  |                   |                               | 3   |       |        | 4. City/Municipality |            |  |
| A.            | B.               | C.                | D.                            | I.1.  | I.2.  | I.3.   | I.4.                 |            |  |
| Revision Date | Reporting Agency | Reason for Update | DOT Crossing Inventory Number | Primary Operating Railroad                      | State | County | City/Municipality    | In or Near |  |
| 6             |                  |                   |                               |   |       |        |                      |            |  |
| 7             |                  |                   |                               |   |       |        |                      |            |  |
| 8             |                  |                   |                               |   |       |        |                      |            |  |
| 9             |                  |                   |                               |   |       |        |                      |            |  |
| 10            |                  |                   |                               |   |       |        |                      |            |  |
| 11            |                  |                   |                               |   |       |        |                      |            |  |
| 12            |                  |                   |                               |   |       |        |                      |            |  |

| PART II: RAILROAD INFORMATION                |                                      |  |                        |                      |   |                           |                                 |                               |  |  |
|--|--------------------------------------|--|------------------------|----------------------|---|---------------------------|---------------------------------|-------------------------------|--|--|
| 1. Estimated Number of Daily Train Movements |                                      |  |                        |                      | 3. Speed of Train at Crossing           |                           |                                 |                               |  |  |
| I.35.  | II.1.A.                              | II.1.B.                                | II.1.C.                | II.1.D.              | II.1.E.                                 | II.2.                     | II.3.A.                         | II.3.B.                       |  |  |
| State Contact (Telephone No.)                | Total Day Thru Trains (6 AM to 6 PM) | Total Night Thru Trains (6 PM to 6 AM) | Total Switching Trains | Total Transit Trains | Check if Less Than One Movement Per Day | How many trains per week? | Year of Train Count Data (YYYY) | Maximum Timetable Speed (mph) | Typical Speed Range Over Crossing (mph) From | Typical Speed Range Over Crossing (mph) To |
| 6  |                                      |  |                        |                      |   |                           |                                 |                               |  |  |
| 7  |                                      |  |                        |                      |   |                           |                                 |                               |  |  |
| 8  |                                      |  |                        |                      |   |                           |                                 |                               |  |  |
| 9  |                                      |  |                        |                      |   |                           |                                 |                               |  |  |

| PART III: HIGHWAY OR PATHWAY TRAFFIC CONTROL DEVICE INFORMATION |                             |                              |                           |                            |                                |               |               |               |                |
|---|-----------------------------|------------------------------|---------------------------|----------------------------|--------------------------------|---------------|---------------|---------------|----------------|
| II.7.B.   | III.1.                      | III.2.A.                     | III.2.B.                  | III.2.C.                   | III.2.D. Advance Warning Signs |               |               |               |                |
| Remote Health Monitoring  | Are there Signs or Signals? | Crossbuck Assemblies (count) | STOP Signs (R1-1) (count) | YIELD Signs (R1-2) (count) | W10-1 (count)                  | W10-2 (count) | W10-3 (count) | W10-4 (count) | W10-11 (count) |
| 6   |                             |                              |                           |                            |                                |               |               |               |                |
| 7   |                             |                              |                           |                            |                                |               |               |               |                |
| 8   |                             |                              |                           |                            |                                |               |               |               |                |
| 9   |                             |                              |                           |                            |                                |               |               |               |                |
| 10  |                             |                              |                           |                            |                                |               |               |               |                |

# File Upload - Uploading

- Click **Browse** button to find file and attach
- Click **Submit**
- Press **OK** to confirm
- Submitted file(s) will show status of **Pending**
- Confirmation email will be sent containing Submission ID for reference

Agency CSX Transportation [CSX] Change Welcome Sample Test User (Primary User) [Sign Out]

**Federal Railroad Administration**  
Office of Safety Analysis

Home View Crossings Update Crossings Add New Crossing **File Upload** User Management Reports Help

### Upload Multiple Crossing Record

GCIS Home > File Upload

GCIS provides the ability to submit multiple crossing records at the same time using a preformatted Excel file template. You can download a copy of the Excel template using the link provided below. When you are ready to upload crossing records, press the **Browse** button to locate and attach the file. After the file is selected, press the **Submit** button to send the record for error-checking and publishing (if successful).

File to upload: C:\Projects\GCIS\Troubleshoot\GXRR\_CSX\_02122016.xlsx

[Click to download: Grade Crossing Inventory Form Template v3.4.0.0 Bel 02-12-2016 - Railroad Submitter Full Inventory Form](#)

Agency CSX Transportation [CSX] Change Welcome Sample Test User (Primary User) [Sign Out]

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[Click to download: Grade Crossing Inventory Form Template v3.4.0.0 Bel 02-12-2016 - Railroad Submitter Full Inventory Form](#)

**The file has been successfully submitted.**  
Your submission ID is 1065585f-e432-45b4-a136-8813a271bf6c.  
Please check back in 24 hours to view the status of the submission.

NOTE: Only Microsoft Excel 2007 or newer files are supported.

You can narrow your search results by using the filters below.

Submission ID:  Status:

| Submitted Files        |        |                                      |                      |              |                |                    |
|------------------------|--------|--------------------------------------|----------------------|--------------|----------------|--------------------|
| File Name              | Agency | Submission ID                        | Submission Date      | Submitted By | Current Status | Error Report       |
| gxrr_csx_02122016.xlsx | CSX    | 1065585f-e432-45b4-a136-8813a271bf6c | 2/9/2016 12:33:39 PM | hran@csx.com | Pending        | Errors   Crossings |

# File Upload – Submission Status

- Once a file is processed, the system will update the status from **Pending** to either **Successfully Submitted** or **Submitted w/ Errors**

Agency: CSX Transportation [CSX] Change

Welcome Sample Test User (Primary User) [Sign Out]

## Federal Railroad Administration Office of Safety Analysis

Home View Crossings Update Crossings Add New Crossing **File Upload** User Management Reports Help

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Click to download: [Grade Crossing Inventory Form Template v2.4.0.0 Rel 02-12-2016 – Railroad Submitting Full Inventory Form](#)  
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You can narrow your search results by using the fields provided below, and then press the Search button.

Submission ID:  Status:

#### Submitted Files

| File Name              | Agency | Submission ID                        | Submission Date      | Submitted By  | Current Status      | Error Report   |
|------------------------|--------|--------------------------------------|----------------------|---------------|---------------------|--|
| GXRR_CSX_02112016.xlsx | CSX    | c8ea4695-db34-4473-95ef-c8a261d55e53 | 2/11/2016 3:45:23 PM | ltran@csx.com | Pending             | <input type="button" value="Errors"/> <input type="button" value="Crossings"/> |
| GXRR_CSX_02122016.xlsx | CSX    | 10b55e5f-e432-45b4-a136-3813a571bf8c | 2/9/2016 12:53:35 PM | ltran@csx.com | Submitted w/ Errors | <input type="button" value="Errors"/> <input type="button" value="Crossings"/> |

<< 1 >>

Page: 1-1 of 1

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# File Upload – Errors Report

- Click **Errors** button to download file containing a list of error codes, error descriptions, and the Crossing Number associated with the error

Agency: CSX Transportation [CSX] Change

Welcome Sample Test User (Primary User) [Sign Out]

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Office of Safety Analysis

Home View Crossings Update Crossings Add New Crossing **File Upload** User Management Reports Help

### Upload Multiple Crossing Record

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Submission ID:  Status:

| Submitted Files        |        |                                      |                      |               |                     |  |
|------------------------|--------|--------------------------------------|----------------------|---------------|---------------------|--|
| File Name              | Agency | Submission ID                        | Submission Date      | Submitted By  | Current Status      | Error Report   |
| GXRR_CSX_02112016.xlsx | CSX    | c8ea4695-db34-4473-95ef-c8a261d55e53 | 2/11/2016 3:45:23 PM | ltran@csx.com | Pending             | <input type="button" value="Errors"/> <input type="button" value="Crossings"/> |
| GXRR_CSX_02122016.xlsx | CSX    | 10b55e5f-e432-45b4-a136-3813a571bf8c | 2/9/2016 12:53:35 PM | ltran@csx.com | Submitted w/ Errors | <input type="button" value="Errors"/> <input type="button" value="Crossings"/> |

Page: 1-1 of 1

Do you want to open or save 10b55e5f-e432-45b4-a136-3813a571bf8c\_errorReport\_Codes.csv (224 bytes) from test.fra.dot.gov?

# File Upload – Crossing Report

- Click **Crossings** button to download file containing only the crossing data for which there were errors.

Agency: CSX Transportation [CSX] | Change | Welcome Sample Test User (Primary User) | Sign Out

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Office of Safety Analysis

Home | View Crossings | Update Crossings | Add New Crossing | **File Upload** | User Management | Reports | Help

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**NOTE:** Only Microsoft Excel 2007 or newer is supported.

You can narrow your search results by using the fields provided below, and then press the **Search** button.

Submission ID:  Status:

| Submitted Files        |        |                                      |                      |               |                     |  |
|------------------------|--------|--------------------------------------|----------------------|---------------|---------------------|--|
| File Name              | Agency | Submission ID                        | Submission Date      | Submitted By  | Current Status      | Error Report   |
| GXRR_CSX_02112016.xlsx | CSX    | c8ea4695-db34-4473-95ef-c8a261d55e53 | 2/11/2016 3:45:23 PM | ltran@csx.com | Pending             | <input type="button" value="Errors"/> <input type="button" value="Crossings"/> |
| GXRR_CSX_02122016.xlsx | CSX    | 10b55e5f-e432-45b4-a136-3813a571bf8c | 2/9/2016 12:53:35 PM | ltran@csx.com | Submitted w/ Errors | <input type="button" value="Errors"/> <input type="button" value="Crossings"/> |

Page: 1-1 of 1

Do you want to open or save 10b55e5f-e432-45b4-a136-3813a571bf8c\_errorReport\_Crossings.xlsx (391 KB) from test.fra.dot.gov?

# File Download

- Download full inventory of your crossings.
- Located under **Downloads** sub-menu within **File Upload** tab
- Click **Submit a Download Request** button
- File will be available within 24-48 hours in ZIP format

Agency CSX Transportation [CSX] Change Welcome Sample Test User (Primary User) [Sign Out]

**Federal Railroad Administration**  
Office of Safety Analysis

Home View Crossings Update Crossings Add New Crossing **File Upload** User Management Reports Help

### Download Crossings Records

GCIS Home > File Download

GCIS provides you the ability to download all crossing records (for your agency) that have been published out to the National Crossing Inventory Records database into the preformatted FRA Approved Excel file template. A request must be submitted by pressing the "Submit a Download Request" button. Once the file has been generated, the "Download" button will be enabled. Depending on the number of crossing records are available for your agency, the request could take up to 48 hours to process. In addition, the files will be compressed and included in a ZIP file. You must have a ZIP extractor in order to open the file(s).  
*Note: You may only submit one request at a time. If a new request is submitted, the previous file will no longer be available for download.*

| Data Files |           |        |                      |               |                |      |   |
|------------|-----------|--------|----------------------|---------------|----------------|------|---|
| Id         | File Type | Agency | Request Date         | Requested By  | Current Status | File | File                                    |
| 13         | Full      | CSX    | 1/11/2016 9:24:05 AM | ltran@csx.com | Pending        |      | <input type="button" value="Download"/> |

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**Note:** Uploads are limited to 3MB

# File Upload/Download

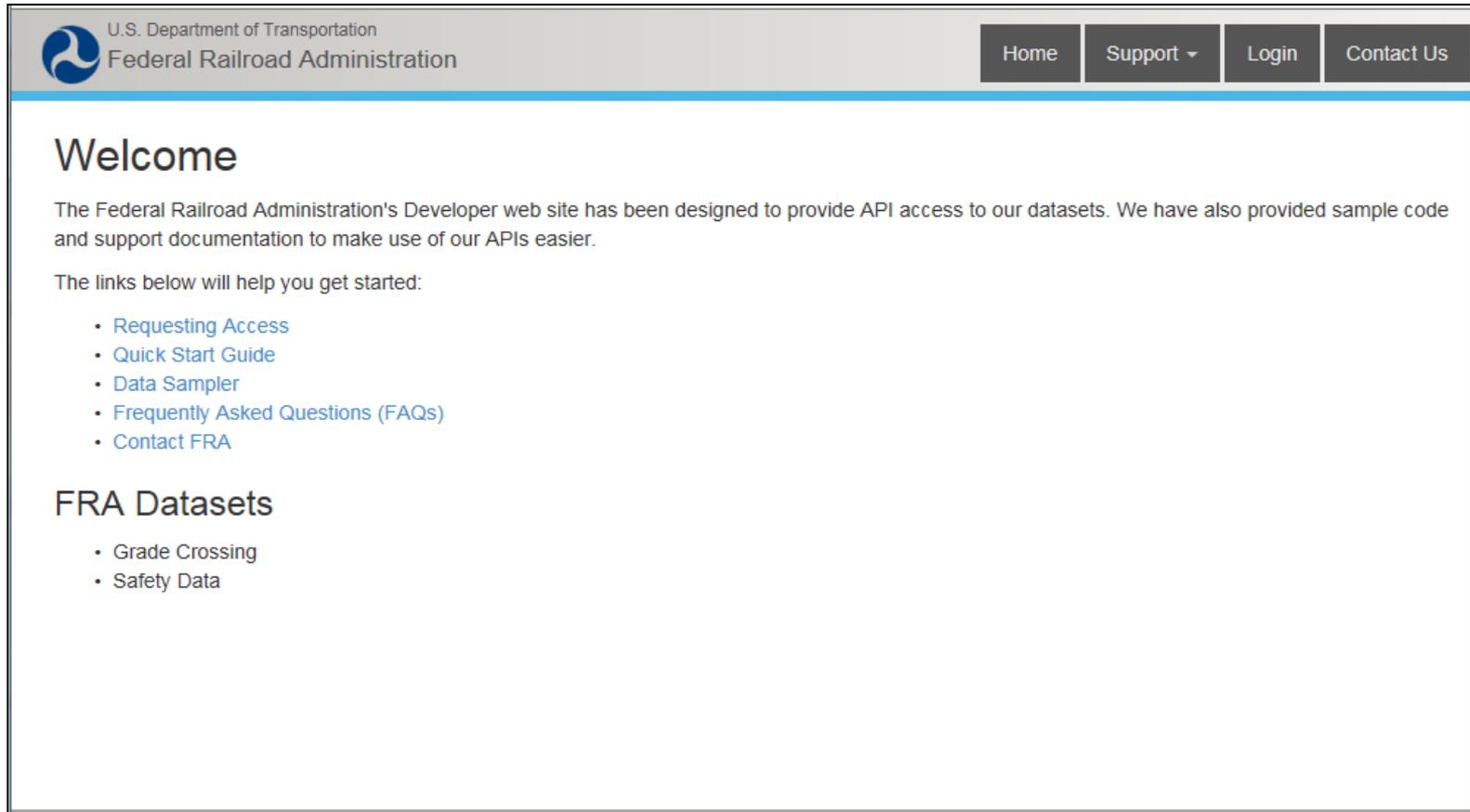
Let's take a look!

<https://stage.fra.dot.gov/gcis/>

# APIs (1 of 3)

- Consists of a Public and a Secure API site
  - Public API
    - Provides sample code and support documentation to make use of FRA's APIs
    - All users can query published crossing records using the Data Sampler page in real-time
  - Secure API
    - Along with the capabilities of the Public API, this site provides authenticated users the ability to retrieve (GET) and submit (POST, PUT, PATCH) multiple crossing records simultaneously using a Secure Web Service utilizing oData
    - Authenticated users can access crossing records specifically for their agency
    - Contains information on how to request different types of datasets
    - This feature is advanced and requires developer expertise
- Technical support will work with users but will not design your system for you

# APIs (2 of 3)



The screenshot shows the Federal Railroad Administration's Developer website. The header includes the U.S. Department of Transportation logo and the text "U.S. Department of Transportation Federal Railroad Administration". Navigation links for "Home", "Support", "Login", and "Contact Us" are visible. The main content area features a "Welcome" section with a paragraph explaining the site's purpose and a list of links: "Requesting Access", "Quick Start Guide", "Data Sampler", "Frequently Asked Questions (FAQs)", and "Contact FRA". Below this is an "FRA Datasets" section with links for "Grade Crossing" and "Safety Data".

U.S. Department of Transportation  
Federal Railroad Administration

Home Support Login Contact Us

## Welcome

The Federal Railroad Administration's Developer web site has been designed to provide API access to our datasets. We have also provided sample code and support documentation to make use of our APIs easier.

The links below will help you get started:

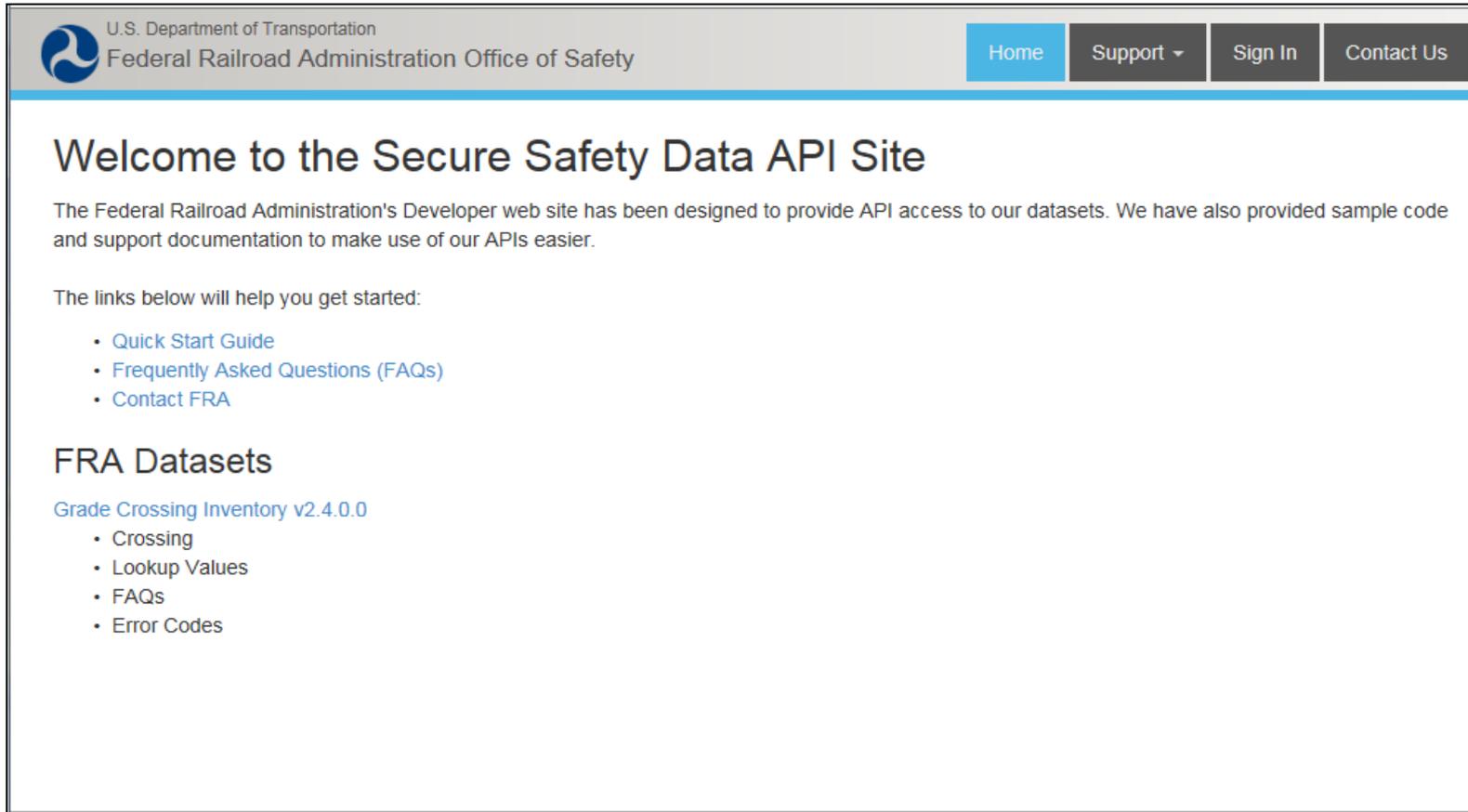
- [Requesting Access](#)
- [Quick Start Guide](#)
- [Data Sampler](#)
- [Frequently Asked Questions \(FAQs\)](#)
- [Contact FRA](#)

## FRA Datasets

- [Grade Crossing](#)
- [Safety Data](#)

Public API: <https://safetydata.fra.dot.gov/MasterWebService/publicapi>

# APIs (3 of 3)



U.S. Department of Transportation  
Federal Railroad Administration Office of Safety

Home Support Sign In Contact Us

## Welcome to the Secure Safety Data API Site

The Federal Railroad Administration's Developer web site has been designed to provide API access to our datasets. We have also provided sample code and support documentation to make use of our APIs easier.

The links below will help you get started:

- [Quick Start Guide](#)
- [Frequently Asked Questions \(FAQs\)](#)
- [Contact FRA](#)

### FRA Datasets

[Grade Crossing Inventory v2.4.0.0](#)

- [Crossing](#)
- [Lookup Values](#)
- [FAQs](#)
- [Error Codes](#)

Secure API: <https://safetydata.fra.dot.gov/MasterWebService/SecureAPI/>

# Secure API (1 of 5)

- GET request

- Get Crossing by Railroad

[https://safetydata.fra.dot.gov/MasterWebService/SecureAPI/GCIS/v1/odata/Crossings?\\$filter=OperatingRailroadCode eq 'CSX'&token=<token\\_key>](https://safetydata.fra.dot.gov/MasterWebService/SecureAPI/GCIS/v1/odata/Crossings?$filter=OperatingRailroadCode eq 'CSX'&token=<token_key>)

- Get Crossing by State

[https://safetydata.fra.dot.gov/MasterWebService/SecureAPI/GCIS/v1/odata/Crossings?\\$filter=StateCd eq 30&token=<token\\_key>](https://safetydata.fra.dot.gov/MasterWebService/SecureAPI/GCIS/v1/odata/Crossings?$filter=StateCd eq 30&token=<token_key>)

- Get a Specific Crossing Record

[https://safetydata.fra.dot.gov/MasterWebService/SecureAPI/GCIS/v1/odata/Crossings?\\$filter=CrossingId eq '016530M'&token=<token\\_key>](https://safetydata.fra.dot.gov/MasterWebService/SecureAPI/GCIS/v1/odata/Crossings?$filter=CrossingId eq '016530M'&token=<token_key>)

- Get all Public Crossings

[https://safetydata.fra.dot.gov/MasterWebService/SecureAPI/GCIS/v1/odata/Crossings?\\$filter=TypeXing+eq+'2'&token=<token\\_key>](https://safetydata.fra.dot.gov/MasterWebService/SecureAPI/GCIS/v1/odata/Crossings?$filter=TypeXing+eq+'2'&token=<token_key>)

# Secure API (2 of 5)

- POST, PUT, PATCH request
  - All submission requests must contain the following required fields:
    - Type of Submission ReportType
    - C. Reason for Update ReasonId
    - D. Crossing Number CrossingId
    - I.1 Primary Operating Railroad Railroad
    - I.2 State StateCD
    - I.3 County CntyCD
    - I.4 City CityCD
  - Delta submissions are acceptable

# Secure API (3 of 5)

- Sample GET Request: Crossing # 151005A

GET /MasterWebService/SecureAPI/gcis/v1/odata/Crossings?token=617f7194-458f-4b57-b05d-ccf36cce3375&\$filter=CrossingId eq '151005A' HTTP/1.1

Host: test.fra.dot.gov

Cache-Control: no-cache

Postman-Token: 06944d97-a2b1-6366-c696-73ccc04afba7

```
{
  "odata.metadata": "https://test.fra.dot.gov/MasterWebService/SecureAPI/GCIS/v1/odata/$metadata#Crossings",
  "value": [
    {
      "ReportBaselId": 3108544,
      "SubmissionId": "701730AB-0E1A-4308-96CB-B64D98845C27",
      "ReportStatus": "Published",
      "HasErrors": "False",
      "ReportingAgencyTypeID": 1,
      "ReportingAgencyID": 542,
      "ReasonId": 14,
      "CrossingId": "151005A",
      "RevisionDate": "2016-02-17T00:00:00",
      "ReportType": "Full Inventory Record ",
      "Railroad": "CSX",
      "StateCD": "39",
      "CntyCD": "39167",
      ...
      "RrMain": "-1",
      "XingOwnr": "CSX",
      ...
    }
  ]
}
```

# Secure API (4 of 5)

- Sample POST Request: Crossing # 151005A

## Updating Crossing Owner (I.16) & Type of Train (I.21)

POST /MasterWebService/SecureAPI/gcis/v1/odata/Crossings?token=617f7194-458f-4b57-b05d-ccf36cce3375 HTTP/1.1

Host: test.fra.dot.gov

Content-Type: application/json

Cache-Control: no-cache

Postman-Token: 76b32f56-fb9c-d20d-14ce-7e4e9f3d3cf5

```
{
  "ReasonId": 14,
  "CrossingId": "151005A",
  "ReportType": "Full Inventory Record ",
  "Railroad": "CSX",
  "StateCD": "39",
  "CntyCD": "39167",
  "Nearest": "0",
  "CityCD": "391670680",
  "XingOwnr": "CSX",
  "TypeTrnSrvclDs": "11,12"
}
```

HTTP/1.1 200 OK

```
{"SubmissionID":"6bfecdec-6a78-4c19-a760-4cb2002d9cfa","Message":"Success","HasError":false,"Processed":true}
```

# Secure API (5 of 5)

- Sample POST Request: Crossing # 151005A

**Online Grade Crossing Inventory Form**  
GCIS Home > View Existing Crossings > Grade Crossing Inventory Form

**Crossing ID = 151005A**

[Save a PDF Copy](#)

**Part I** Part II Part III Parts IV and V

Instructions for the initial reporting of the following types of new or previously unreported crossings: For public highway-rail grade crossings, complete the entire inventory Form, with the exception of Part I Item 20 and Part III Item 2.K. For private highway-rail grade crossings, complete the Header, Parts I and II, Part III Item 2.K., and the Submission Information section. For public pathway grade crossings (including pedestrian station grade crossings), complete the Header, Parts I and II, and the Submission Information section. For Private pathway grade crossings, complete the Header, Parts I and II, Part III Item 2.K., and the Submission Information section. For grade-separated highway rail or pathway crossings (including pedestrian station crossings), complete the Header, Part I, and the Submission Information section. For changes to existing data, complete the Header, Part I Items 1-3, and the Submission Information section, in addition to the updated data fields. An asterisk \* denotes an optional field.

|                                |   |  |   |
|--------------------------------|---|--|---|
| A. Revision Date<br>02/17/2016 | B. Reporting Agency<br><input checked="" type="radio"/> Railroad <input type="radio"/> State <input type="radio"/> Transit <input type="radio"/> FRA Internal | C. Reason for Update<br>Change in Data | D. DOT Crossing Inventory Number<br>151005A |
|--------------------------------|---|--|---|

**Part I: Location and Classification Information**

|  |  |  |   |   |   |  |
|--|--|--|---|---|---|--|
| 1. Primary Operating Railroad<br>CSX Transpo   | 13. Line Segment *<br>NA   | 14. Nearest RR Timetable Station *   | 15. Parent RR (if applicable)<br>Select One..... <input checked="" type="checkbox"/> N/A  | 16. Crossing Owner (if applicable)<br>CSX Transportation [CS <input type="checkbox"/> N/A]    |   |  |
| 4. City/Municipality<br><input checked="" type="radio"/> In <input type="radio"/> Near | 17. Crossing Type<br><input checked="" type="radio"/> Public <input type="radio"/> Private | 18. Crossing Purpose<br><input checked="" type="radio"/> Highway <input type="radio"/> Pathway,Ped. <input type="radio"/> Station,Ped. | 19. Crossing Position<br><input type="radio"/> At Grade <input checked="" type="radio"/> RR Under <input type="radio"/> RR Over | 20. Public Access (If Private Crossing)<br><input type="radio"/> Yes <input type="radio"/> No | 21. Type of Train (Check all that apply)<br><input checked="" type="checkbox"/> Freight <input checked="" type="checkbox"/> Intercity Passenger <input type="checkbox"/> Commuter <input type="checkbox"/> Transit <input type="checkbox"/> Shared Use Transit <input type="checkbox"/> Tourist/Other | 22. Average Passenger Train Count Per Day<br><input type="radio"/> Less Than One Per Day <input checked="" type="radio"/> Number per day 1 |

# APIs - Staging

Public API:

<https://stage.fra.dot.gov/masterWebService/publicapi>

Secure API:

<https://stage.fra.dot.gov/masterWebService/SecureAPI/>

# FRA Points of Contacts

- Policy, Procedures, and Guidance
  - Ron Ries - Staff Director  
[ronald.ries@dot.gov](mailto:ronald.ries@dot.gov)
  - JoAnn Scott - Program Analyst  
[joann.scott@dot.gov](mailto:joann.scott@dot.gov)
  - Kathryn Gresham - Trial Attorney  
[kathryn.gresham@dot.gov](mailto:kathryn.gresham@dot.gov)
- Technical Issues with Electronic System
  - GCIS Technical Support Desk (See Next Slide)
  - Kebo Chen - Staff Director  
[kebo.chen@dot.gov](mailto:kebo.chen@dot.gov)
  - Lindsay Peters-Dawson – Program Analyst  
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# Correspondence

- **Written notice of delegations**

Mr. Robert Lauby

Associate Administrator for Railroad Safety

Department of Transportation

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- **GCIS Technical Support**

Email: [RsisRXIUpdates@dot.gov](mailto:RsisRXIUpdates@dot.gov)

Phone: (888) 372-9393

# References

- [Safety Data Public Website](#)
  - [Grade Crossing Inventory System](#)
  - [FRA Guide For Preparing U.S. DOT Crossing Inventory Forms](#)
  - [FRA Web User Guide Grade Crossing Inventory System \(GCIS\) v2.0](#)
  - [FRA Instructions for Electronic Submission of Grade Crossing Inventory Data v2.0](#)
  - [FRA Data Migration Strategy Grade Crossing Inventory System \(GCIS\)](#)
- Note: Many of these reference materials can be found directly within the Grade Crossing Inventory System under the Help tab

# Helpful 3<sup>rd</sup> Party API Tools

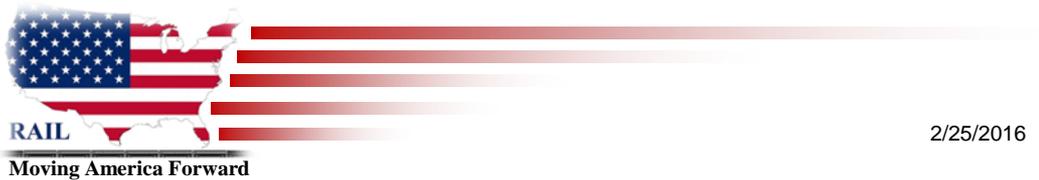
- Google Chrome App: Postman

<https://chrome.google.com/webstore/detail/postman/fhbjgbiflinjbdggehcddcbncdddomop?hl=en>

- Fiddler: IE Developer Tools (F12)

**Note: We do not provide support for these tools.**

# Q&A Session



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2/25/2016



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of Transportation  
**Federal Railroad  
Administration**