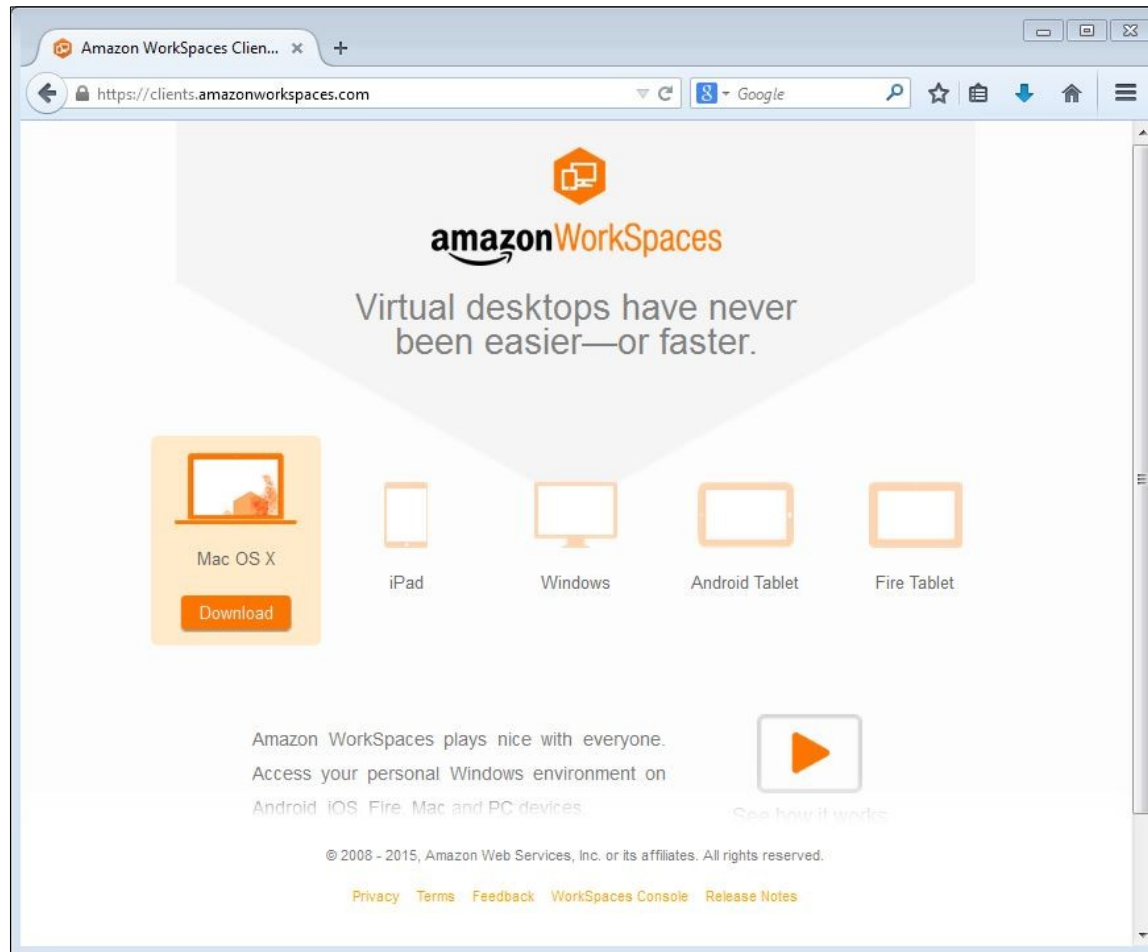


# Community TIGER Presentation

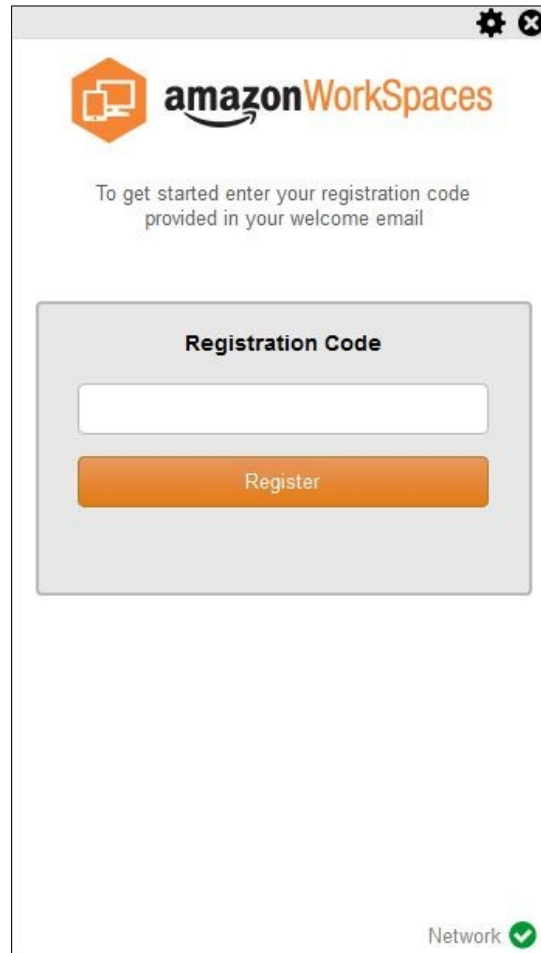
Draft Version 2.0 June 30, 2015

# Initial Setup

# Install Amazon WorkSpaces

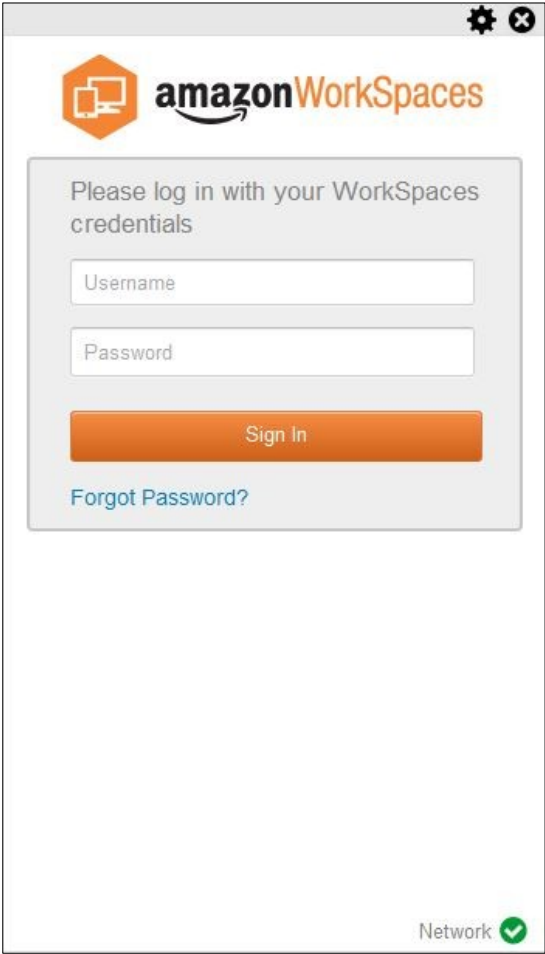


# Register Amazon WorkSpaces



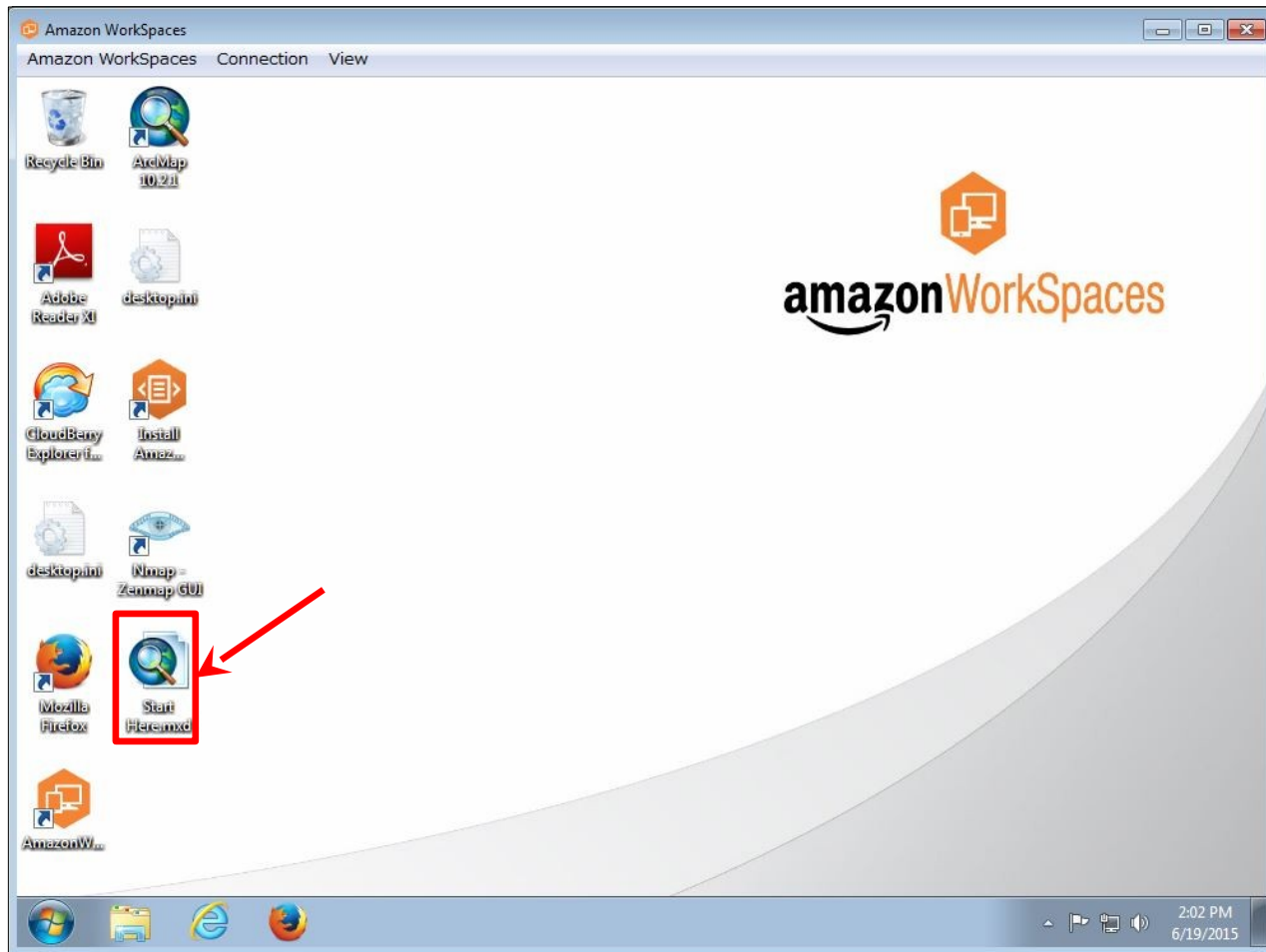
The screenshot shows a web browser window with the Amazon WorkSpaces logo at the top. Below the logo, there is a text prompt: "To get started enter your registration code provided in your welcome email". A central grey box contains the label "Registration Code" above a white input field. Below the input field is an orange "Register" button. In the bottom right corner of the window, there is a "Network" status indicator with a green checkmark.

# Access Amazon WorkSpaces

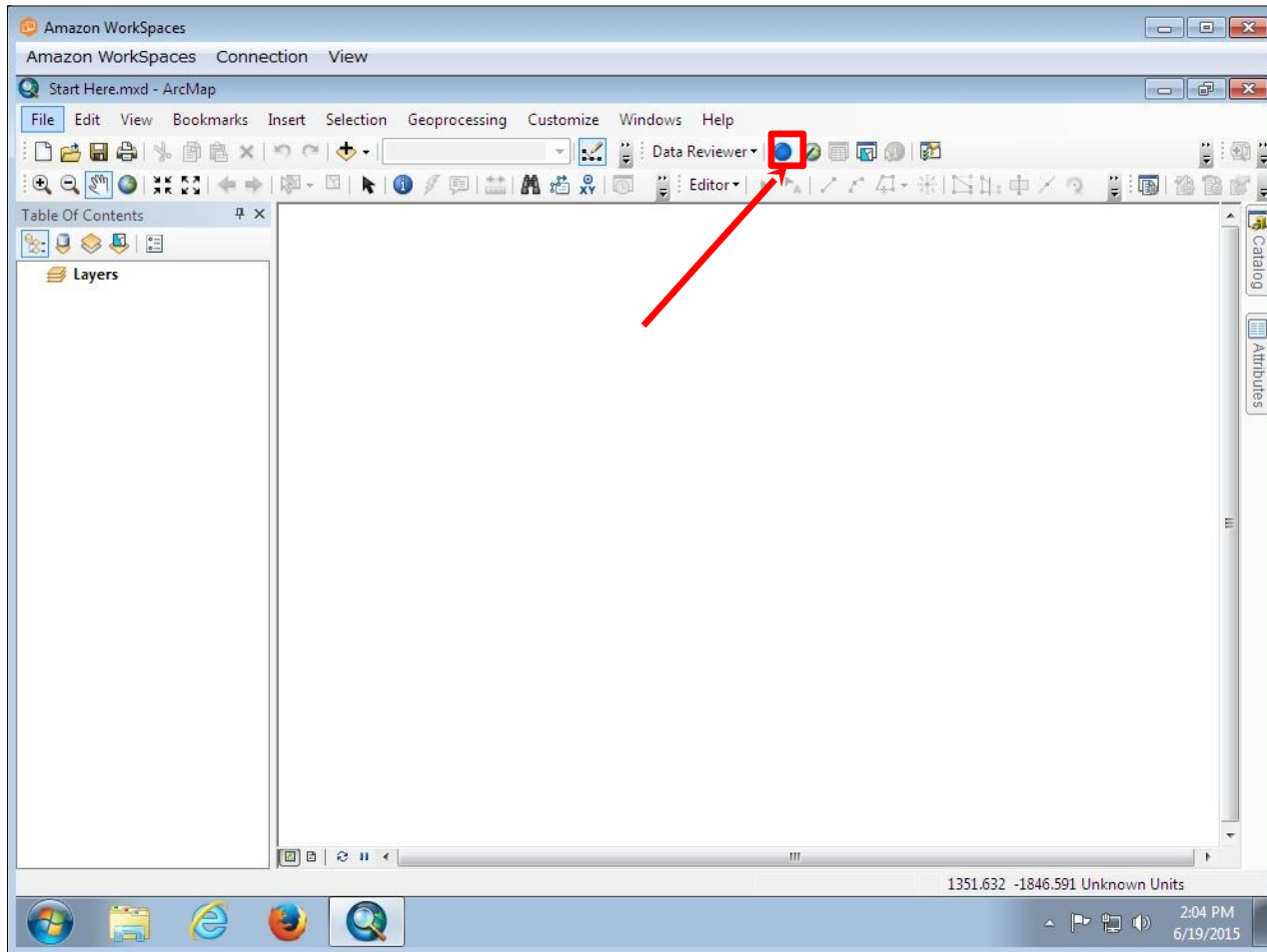


# Partner Toolbox

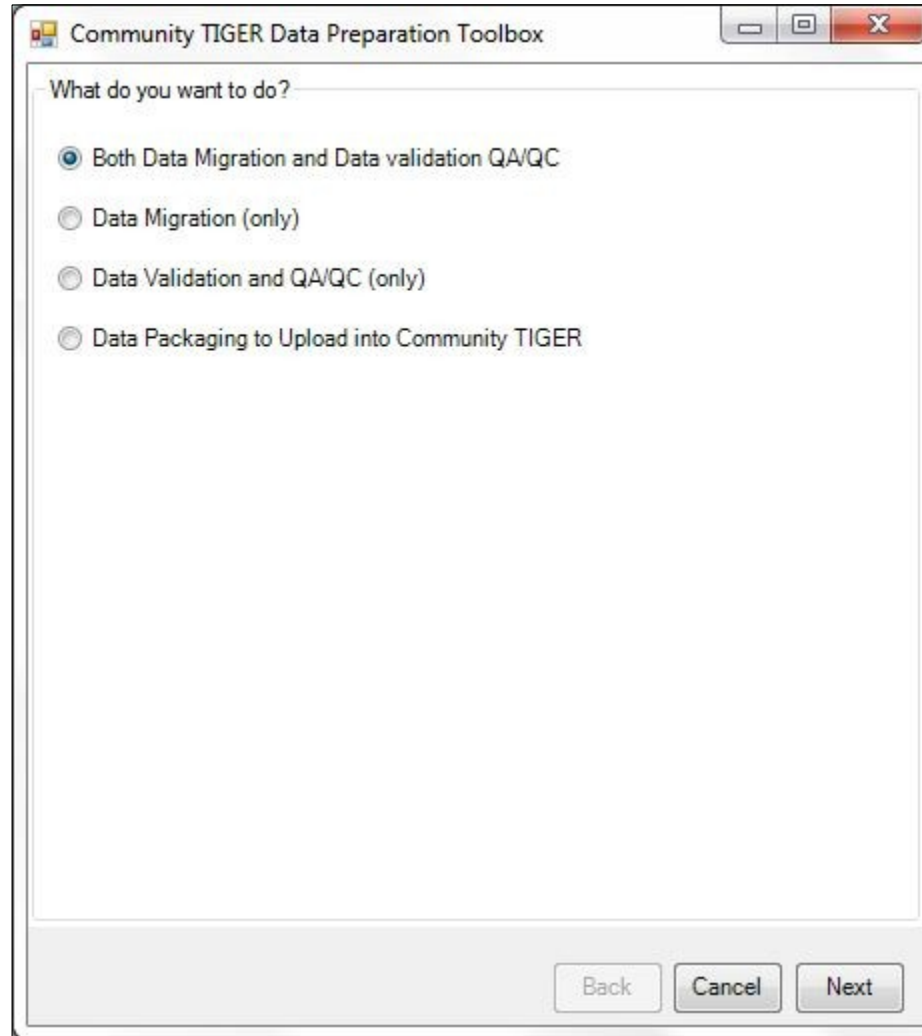
# Getting Started



# Getting Started



# Getting Started



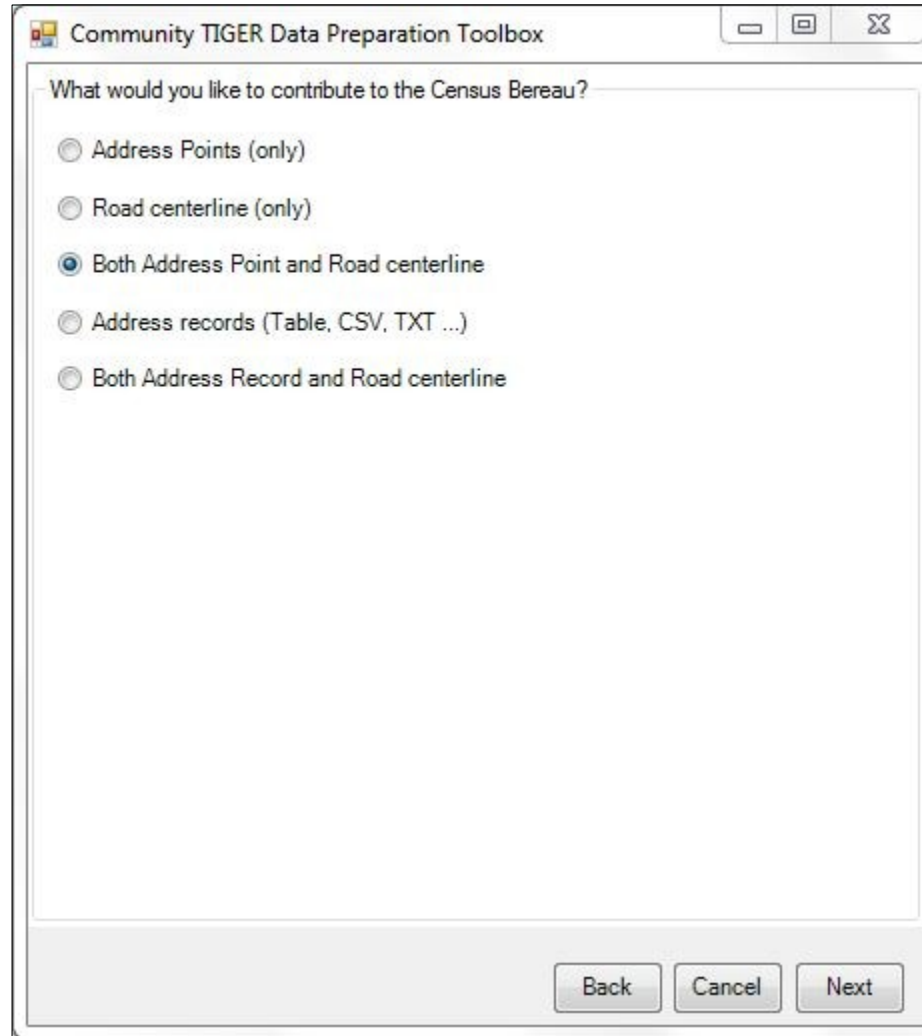
Community TIGER Data Preparation Toolbox

What do you want to do?

- Both Data Migration and Data validation QA/QC
- Data Migration (only)
- Data Validation and QA/QC (only)
- Data Packaging to Upload into Community TIGER

Back Cancel Next

# Getting Started



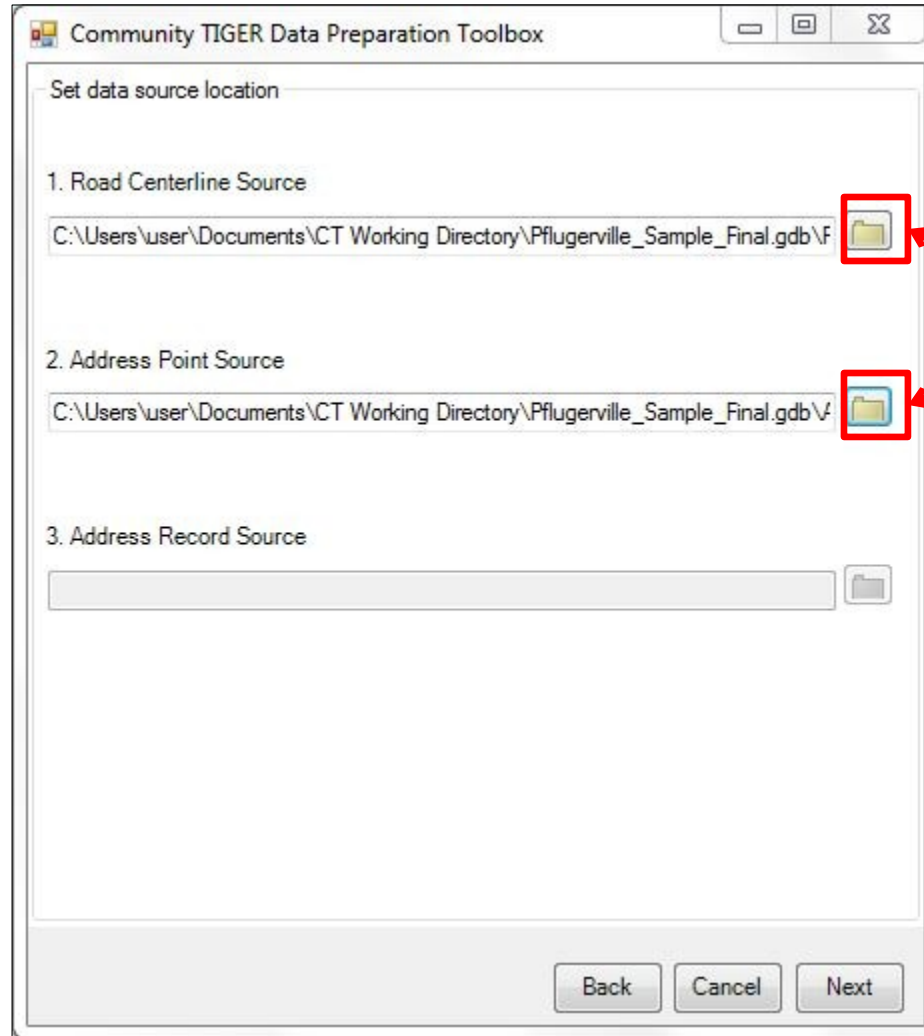
Community TIGER Data Preparation Toolbox

What would you like to contribute to the Census Bureau?

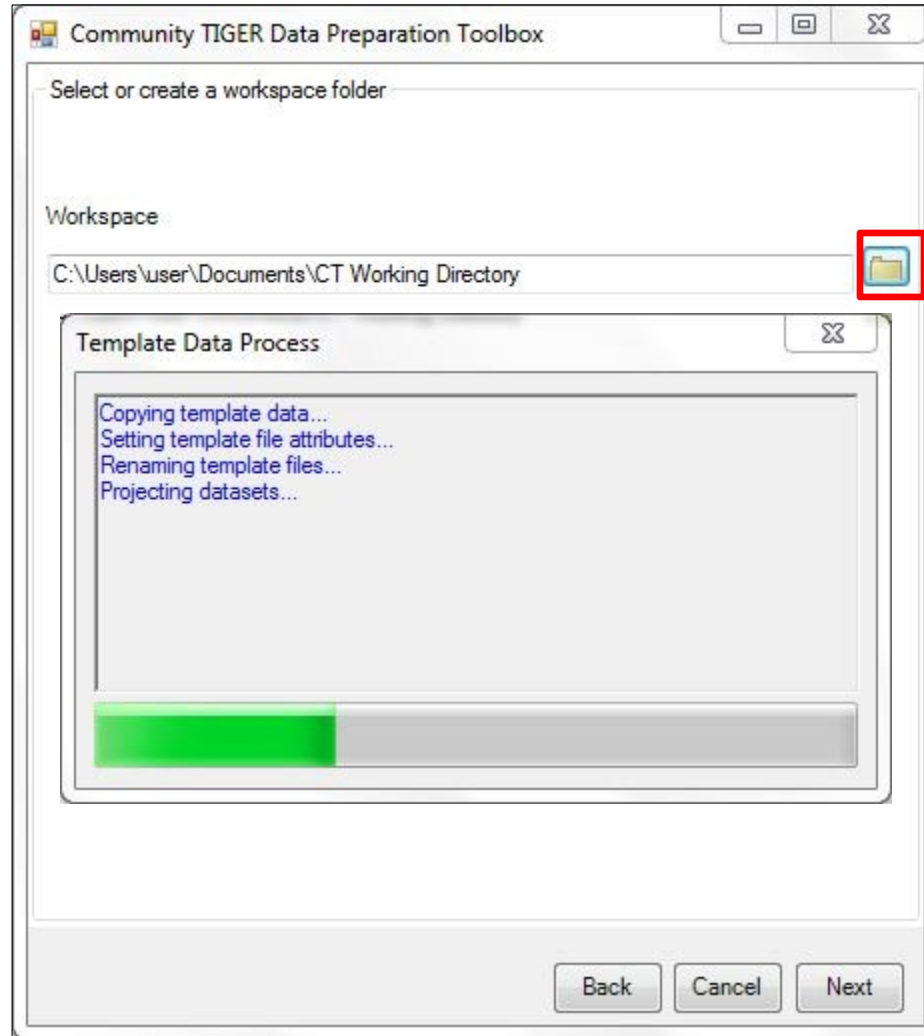
- Address Points (only)
- Road centerline (only)
- Both Address Point and Road centerline
- Address records (Table, CSV, TXT ...)
- Both Address Record and Road centerline

Back Cancel Next

# Getting Started



# Getting Started



# Data Migration – Road Centerline

Community TIGER Data Preparation Toolbox

Source data mapping questions (Road Centerline)

1. What is your State abbreviation code? TX
2. What is your Unique Identifier field? OBJECTID
3. What is your Zip Left field? ZIPLEFT1
4. What is your Zip Right field? ZIPRIGHT1
5. What is your From Left Address range field? FROMLEFT1
6. What is your From Right Address range field? FROMRIGHT1
7. What is your To Left Address range field? TOLEFT1
8. What is your To Right Address range field? TORIGHT1
9. Street name as FULLNAME (with Name, Type and Direction?)
  - Yes What is your Street FULLNAME field? FULLNAME1
  - No
    - What is your Road Pre Modifier field?
    - What is your Street Prefix (Spanish Street) type?
    - What is your Street Prefix Direction?
    - What is your Street name?
    - What is your Street Type?
    - What is your Street Suffix Direction?
    - What is your Road Post Modifier field?
10. What is your Road Class attribute field? ROADCLASS1
11. Do you store Life Cycle status (proposed/paper street or existing) of a Street?
  - Yes  No
  - What is the field name? FECYCLESTATUS1

Back Cancel Next

# Data Migration – Address

Community TIGER Data Preparation Toolbox

Source data mapping questions (Address)

1. What is your State abbreviation code? TX

2. What is your Unique Identifier field? OBJECTID

3. What is your Zip Code field? ZIPCODE1

4. What is your City field? CITY1

5. FULL ADDRESS (Number, Name, Type, Direction, etc)?

Yes What is your FULL ADDRESS field? FULLADDR1

No What is your Road Pre Modifier field?

What is your UNITID field?

What is your Street number field?

What is your Street Prefix (Spanish) Type?

What is your Street Prefix Direction?

What is your Street name?

What is your Street Type?

What is your Street Suffix Direction?

What is your Road Post Modifier field?

6. Store Life Cycle status (proposed or existing) of an Address?

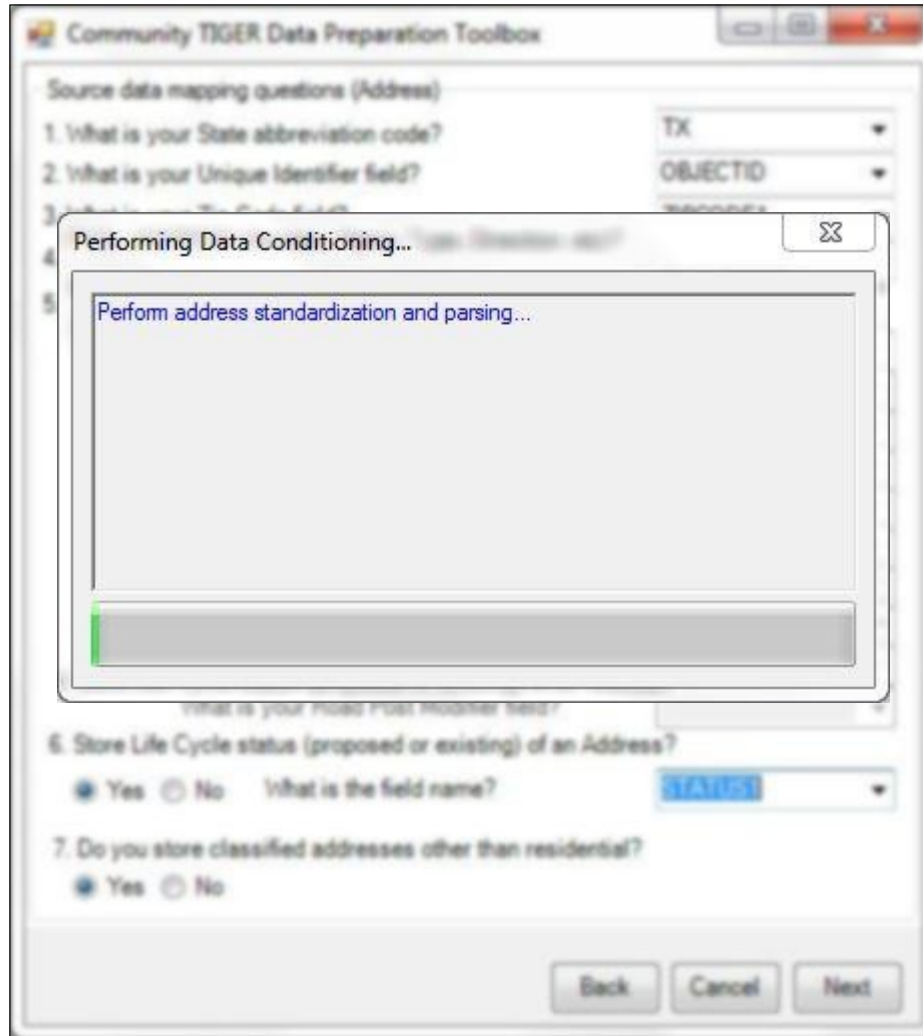
Yes  No What is the field name? STATUS1

7. Do you store classified addresses other than residential?

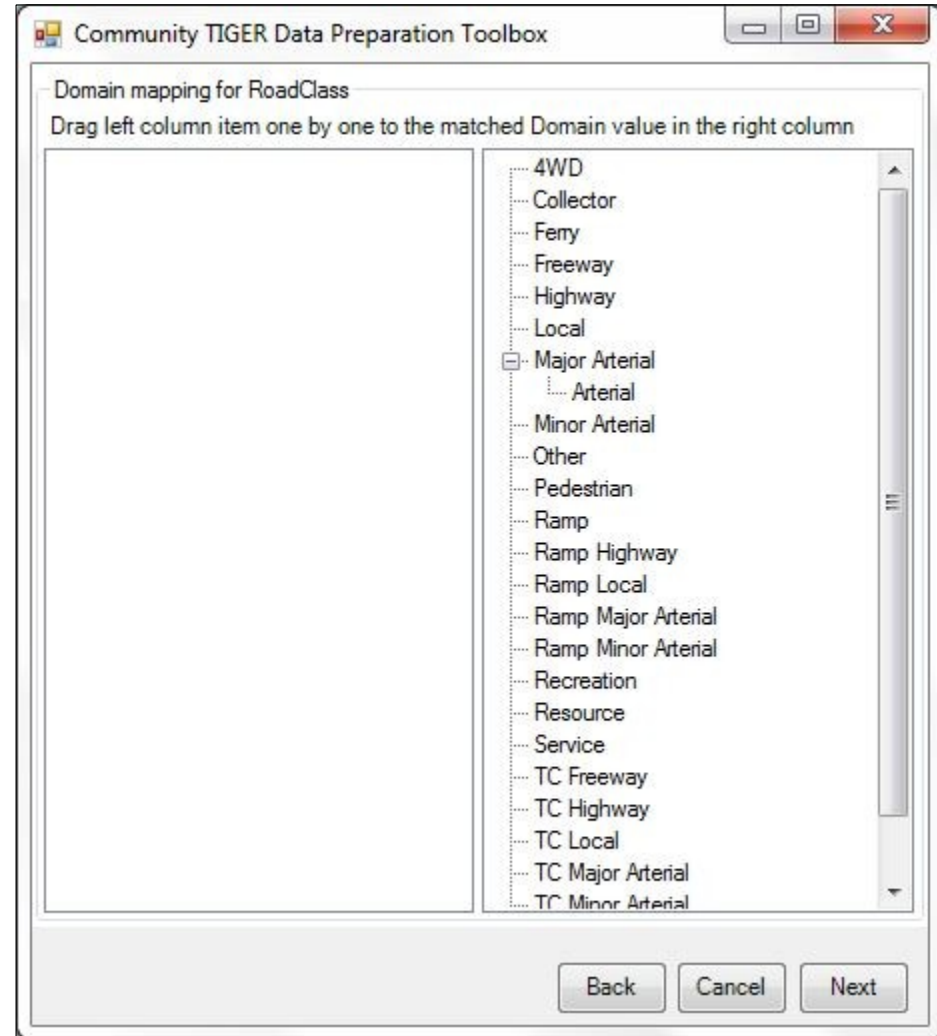
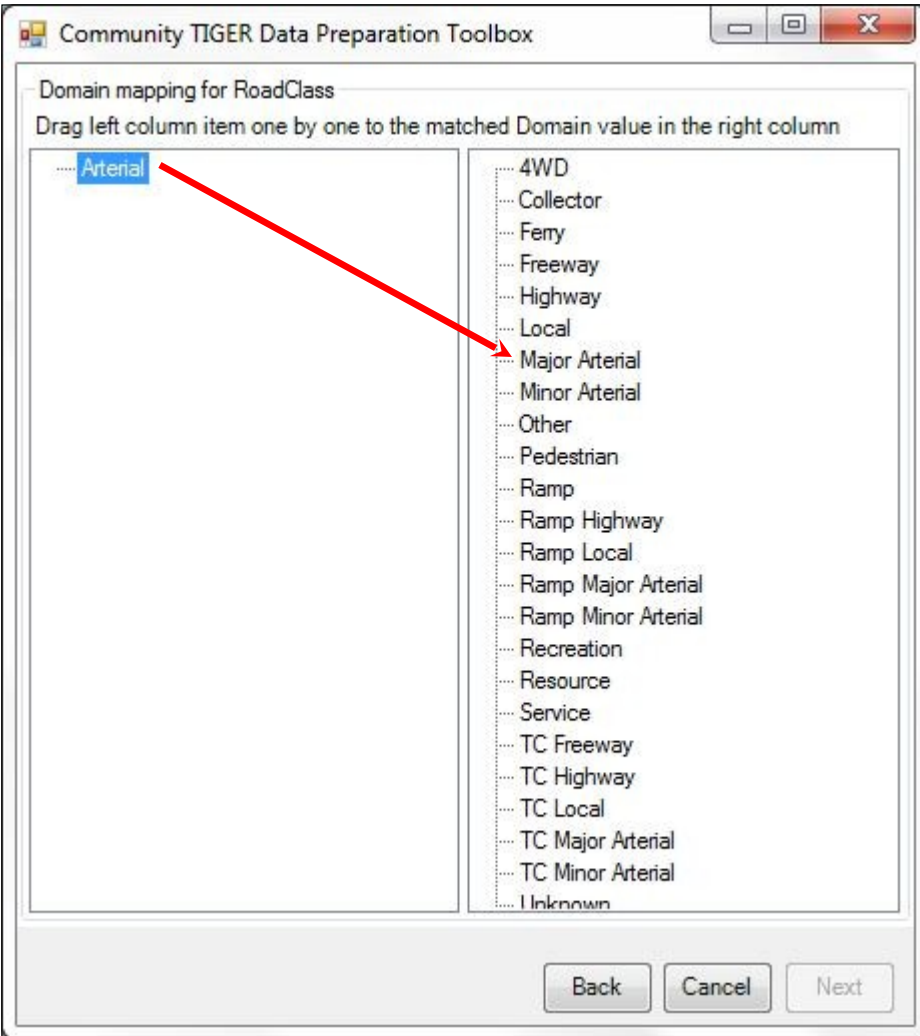
Yes  No

Back Cancel Next

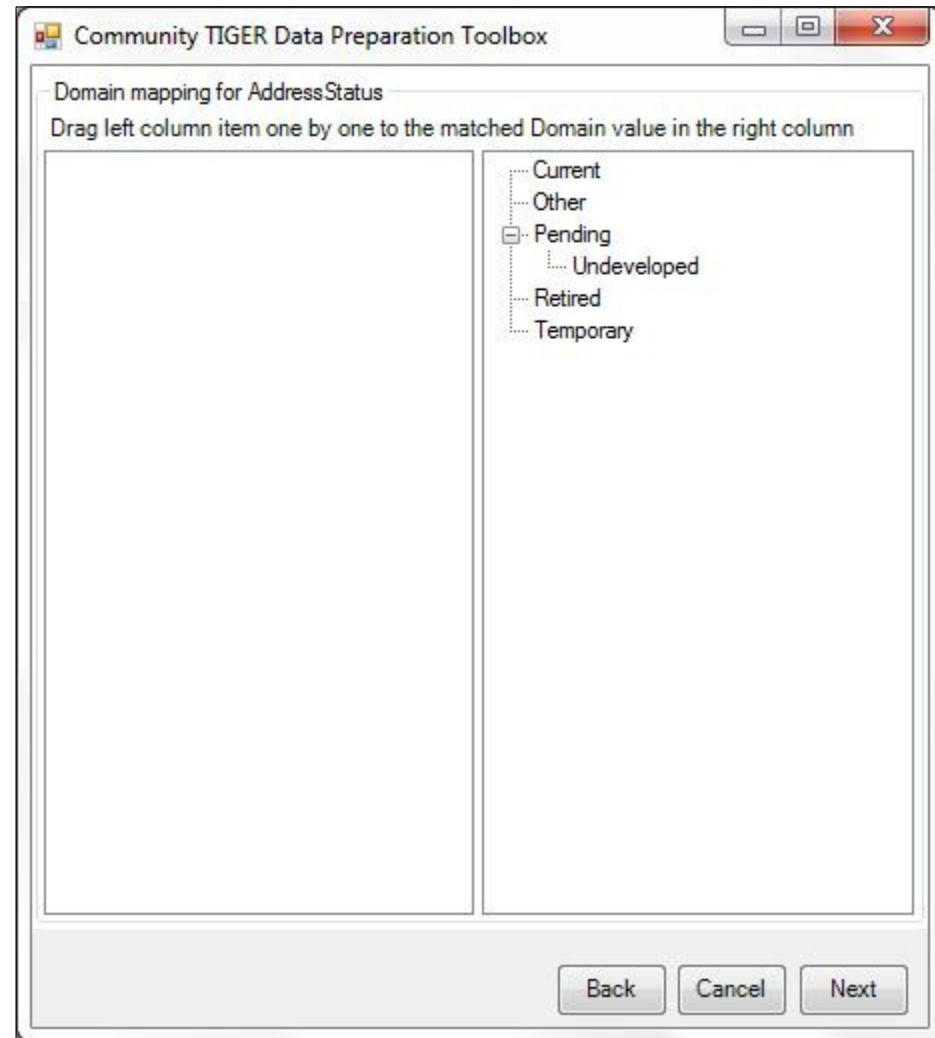
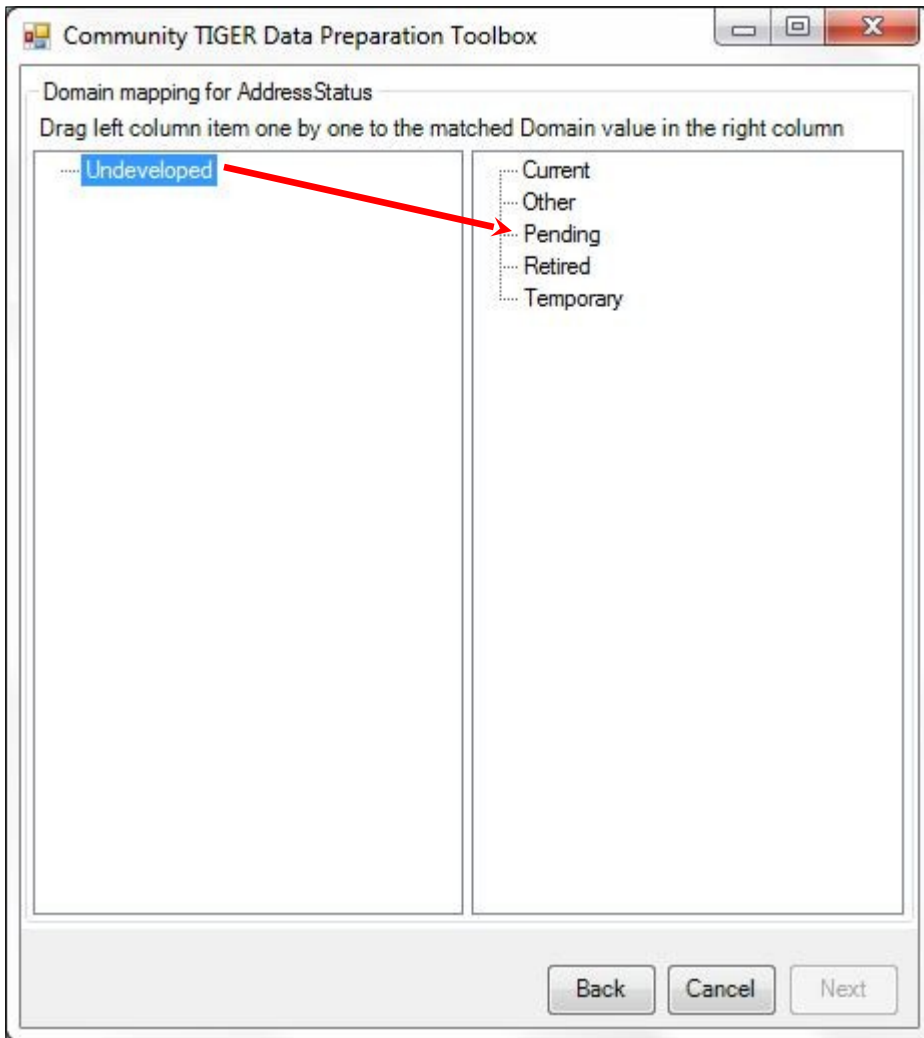
# Data Migration



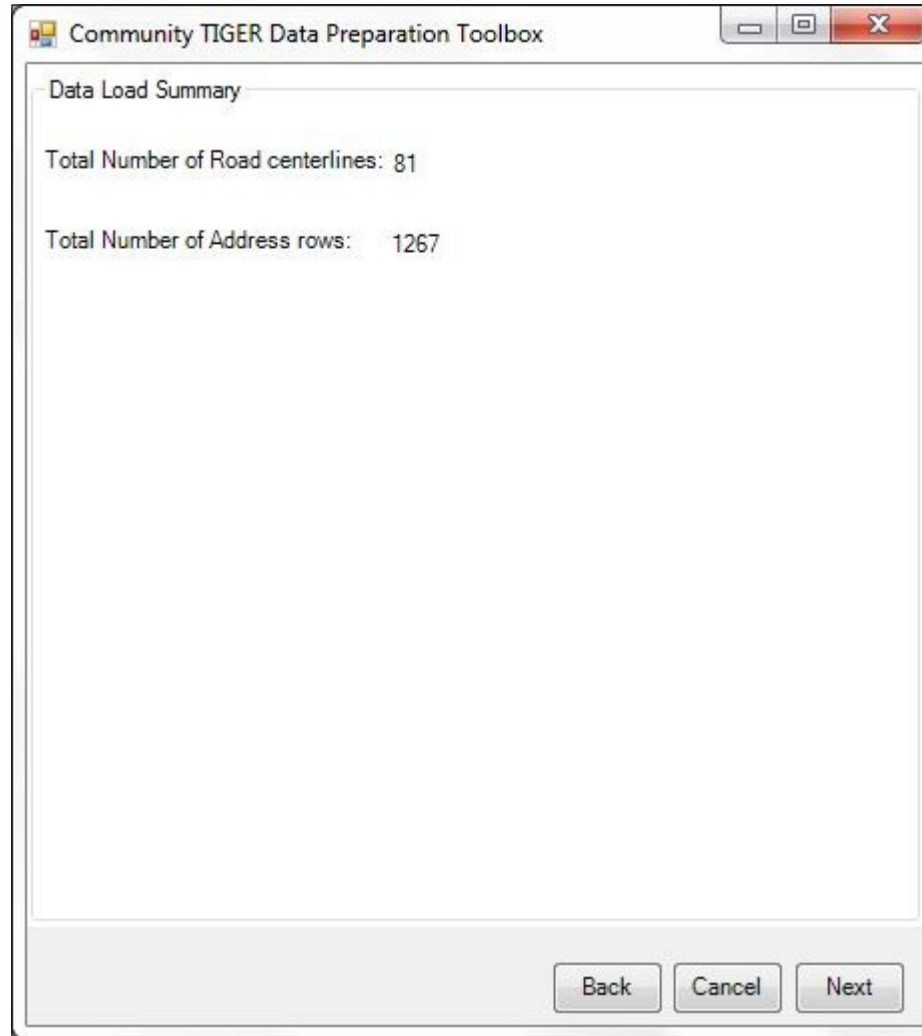
# Data Migration – Road Centerline



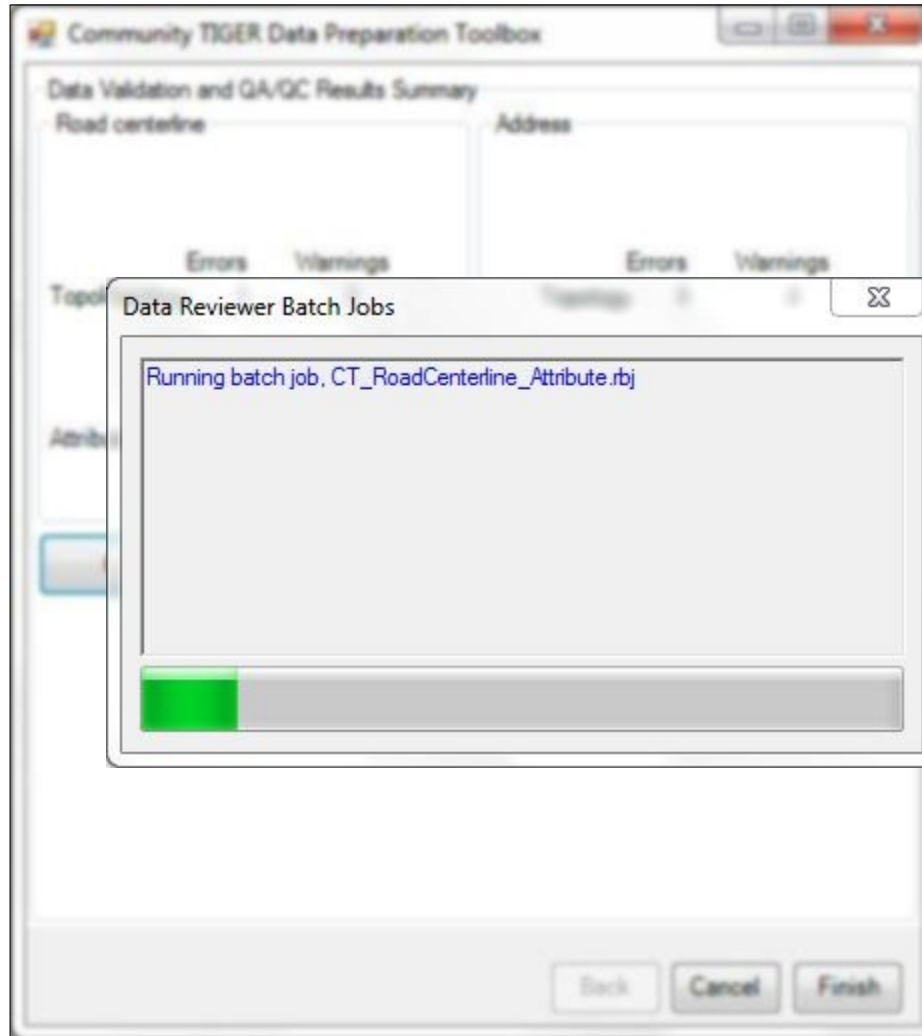
# Data Migration – Address



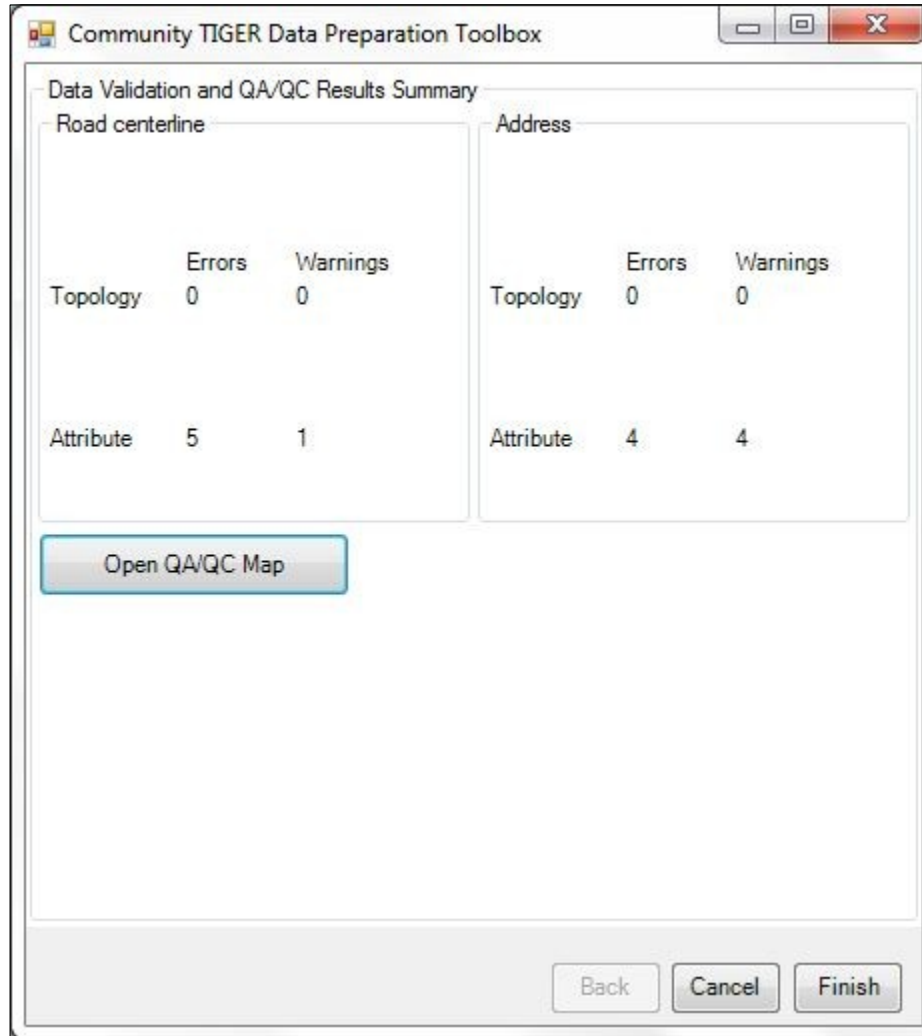
# Data Migration



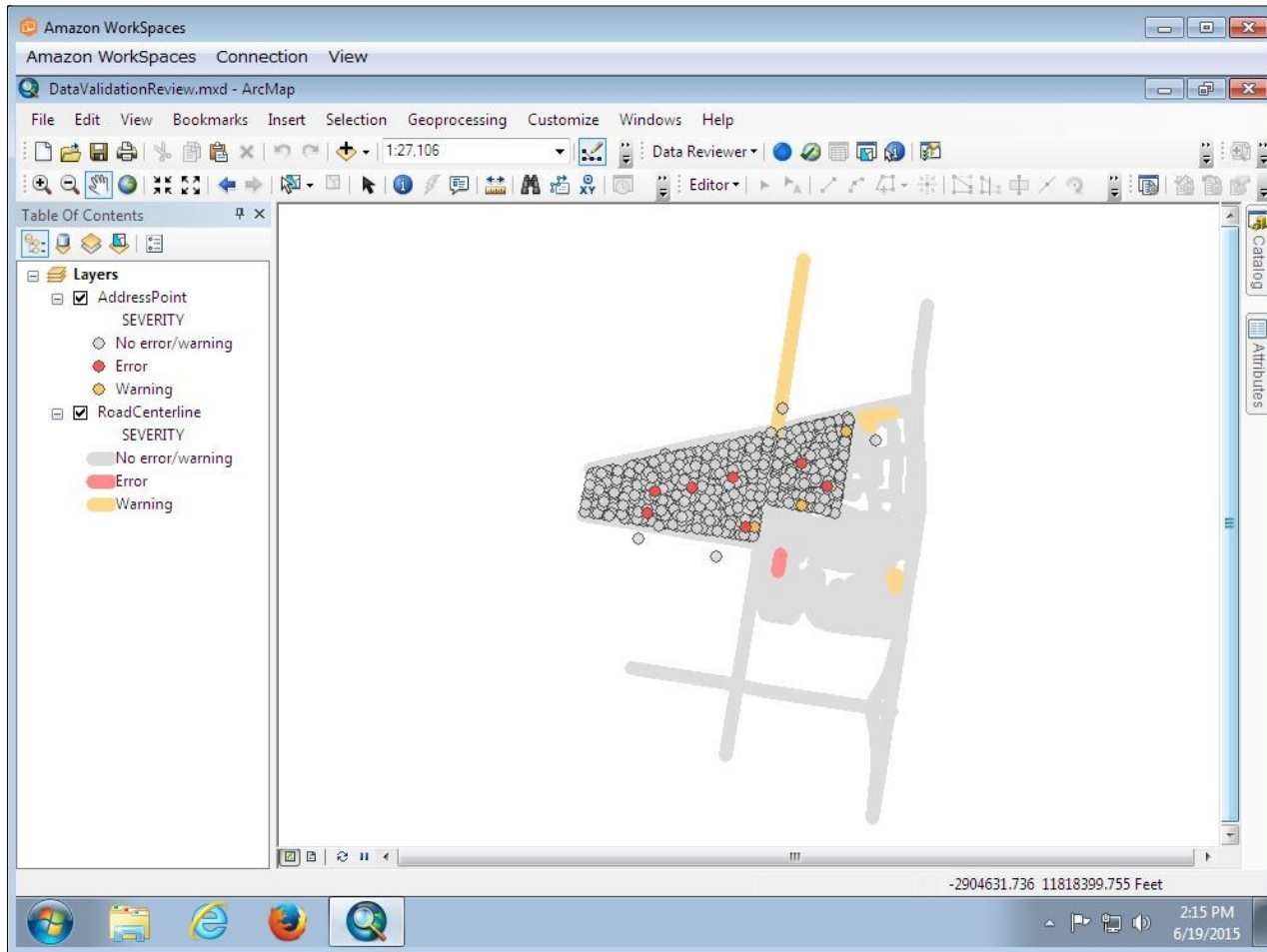
# Data Validation



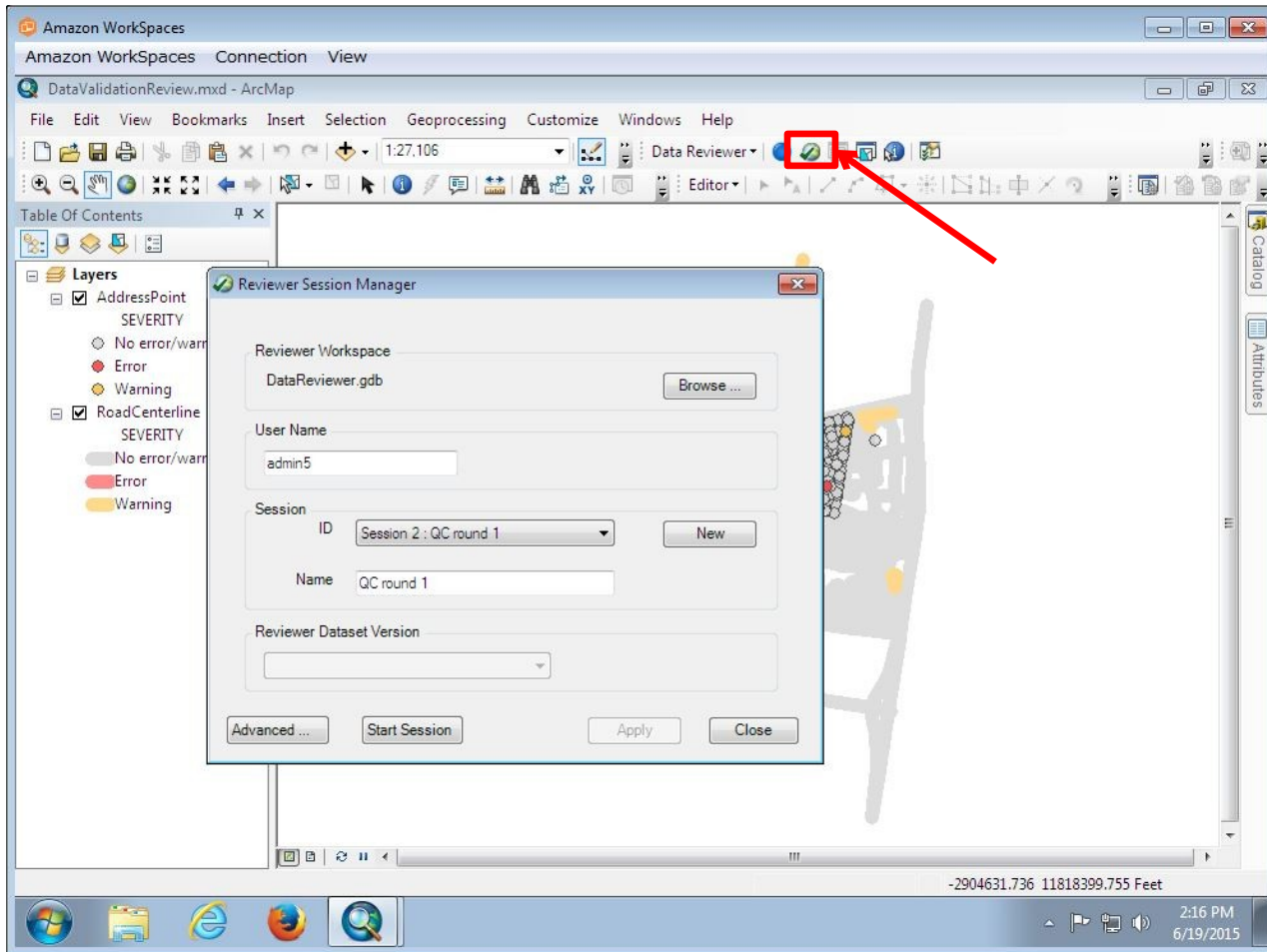
# Data Validation



# Data Validation



# Data Clean-up



# Data Clean-up

The screenshot shows the Amazon WorkSpaces interface with ArcMap open. The 'Editor' button in the toolbar is highlighted with a red box, and two red arrows point to it from the right. The map displays a road network with various error and warning symbols. The 'Reviewer Table' at the bottom shows a list of records with columns for RECORDID, OBJECTID, SUBTYPE, REVIEWERCATEGORY, CATEGORY, REVIEWERCODE, SESSIONID, CHECKTITLE, and ORIGINAL.

RECORDID	OBJECTID	SUBTYPE	REVIEWERCATEGORY	CATEGORY	REVIEWERCODE	SESSIONID	CHECKTITLE	ORIGINAL
1	79		1	Feature Record	228	2	ROADPOSTTYPE	RoadC
2	86		1	Feature Record	228	2	ROADPOSTTYPE	RoadC
3	276		1	Feature Record	761	2	Unnecessary	RoadC
4	284		1	Feature Record	761	2	Unnecessary	RoadC

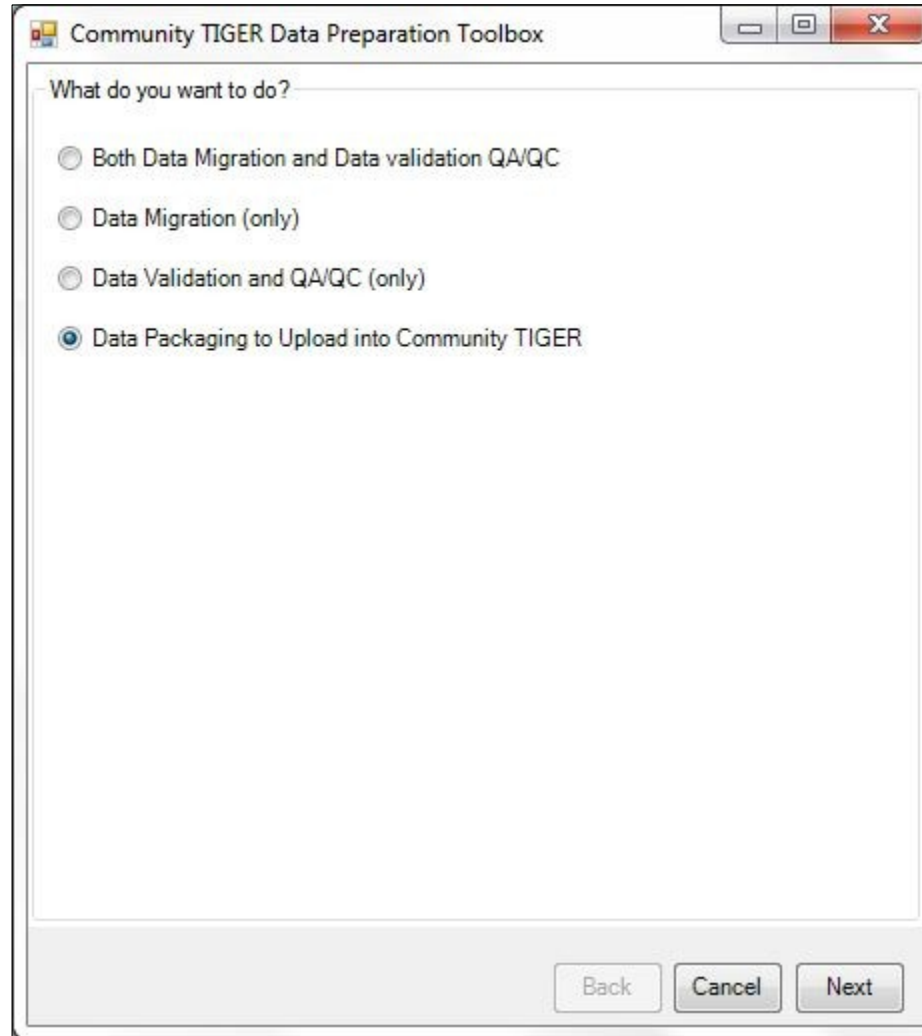
# Data Clean-up

The screenshot shows the ArcMap interface within an Amazon WorkSpaces environment. The main window is titled 'DataValidationReview.mxd - ArcMap'. The menu bar includes File, Edit, View, Bookmarks, Insert, Selection, Geoprocessing, Customize, Windows, and Help. The toolbar contains various icons for navigation and editing. Two red arrows point to the 'Editor' and 'Data Reviewer' buttons in the toolbar. The Table of Contents on the left shows two layers: 'AddressPoint' and 'RoadCenterline', both with a 'SEVERITY' legend. The map view shows a road network with a red line indicating a validation error. The Reviewer Table at the bottom left displays a list of records with columns for RECORDID, OBJECTID, SUBTYPE, REVIEWERCATEGORY, CATEGORY, REVIEWERCODE, and SESSIONID. The Attributes panel on the right shows the 'RoadCenterline' layer selected, with a 'Connector' feature highlighted. The Reviewer Table data is as follows:

RECORDID	OBJECTID	SUBTYPE	REVIEWERCATEGORY	CATEGORY	REVIEWERCODE	SESSIONID
1	79		1	Feature Record	228	2
2	86		1	Feature Record	228	2
3	276		1	Feature Record	761	2
4	284		1	Feature Record	761	2

The status bar at the bottom right shows the coordinates -2910758.053 11816420.502 Feet and the date/time 2:18 PM 6/19/2015.

# Data Packaging



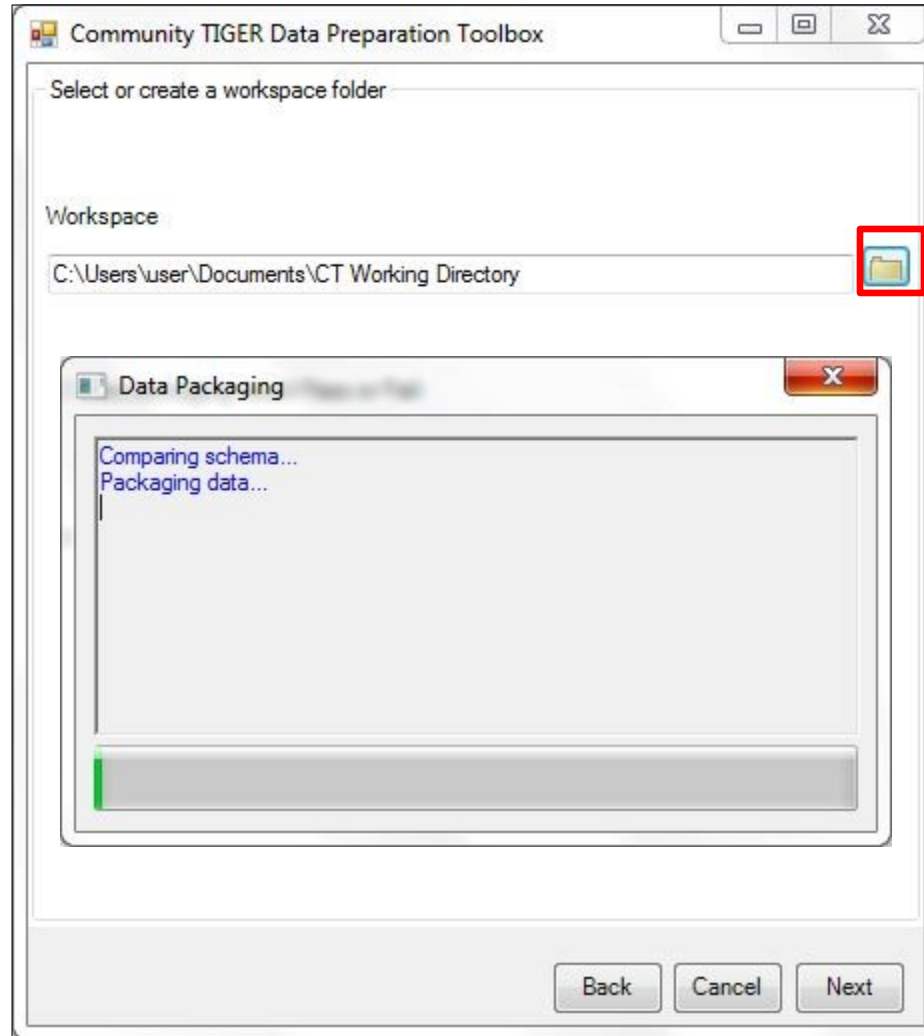
Community TIGER Data Preparation Toolbox

What do you want to do?

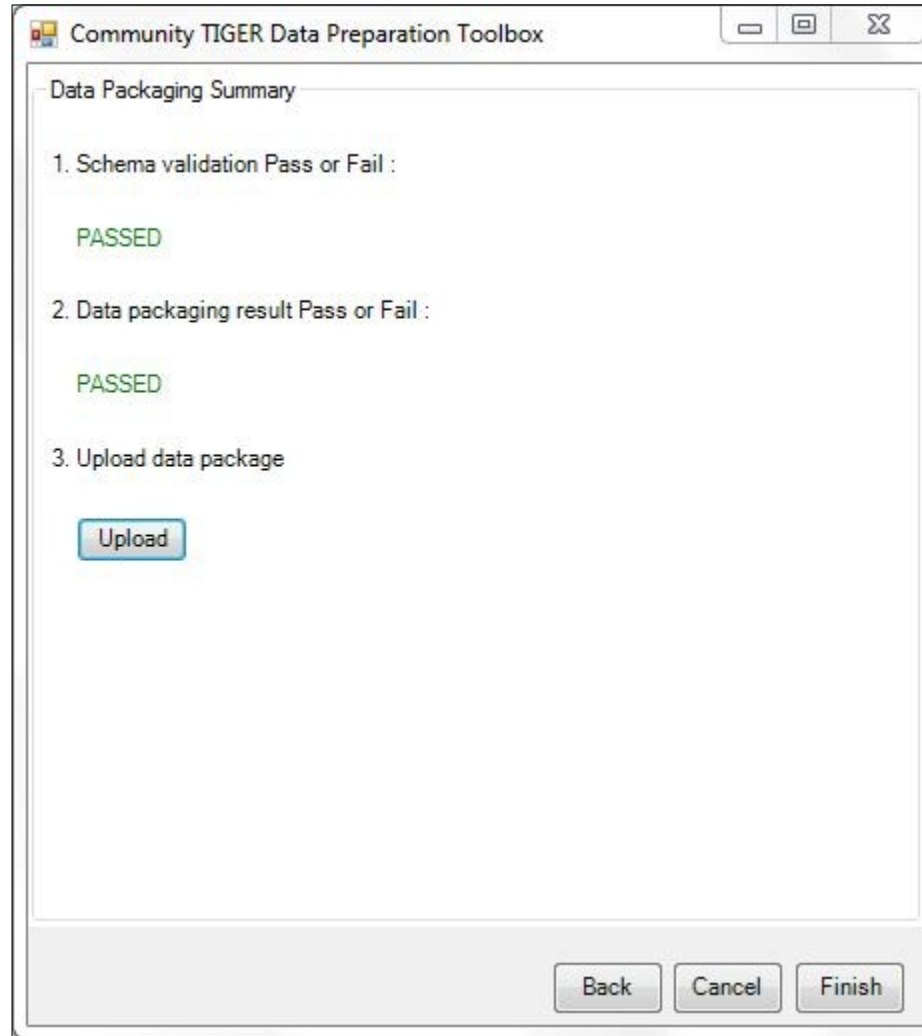
- Both Data Migration and Data validation QA/QC
- Data Migration (only)
- Data Validation and QA/QC (only)
- Data Packaging to Upload into Community TIGER

Back Cancel Next

# Data Packaging



# Data Packaging



Community TIGER Data Preparation Toolbox

Data Packaging Summary

1. Schema validation Pass or Fail :  
**PASSED**
2. Data packaging result Pass or Fail :  
**PASSED**
3. Upload data package

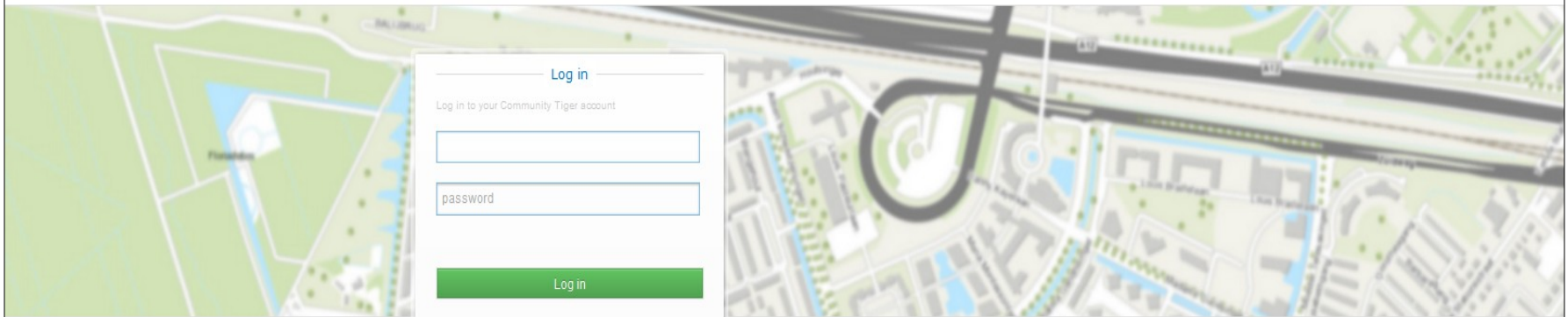
# Contribution Management System (CMS)

# Data Upload



Community TIGER

OMB Control Number 0607-0795  
Expiration Date: 7/31/2015



A federal agency may not conduct or sponsor, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. This collection is voluntary. The authority for conducting this collection comes from Title 13 U.S.C. Sections 16, 141, and 193.

The OMB Control Number for this information collection is 0607-0795. Public reporting for this collection of information is estimated to be approximately 40 hours per response, including the time for reviewing instructions, completing and reviewing the collection of information.

Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to: Paperwork Reduction 0607-0795, United States Census Bureau, 4600 Silver Hill Road, Room 3K138, Washington, DC 20233. You may email comments to [paperwork@census.gov](mailto:paperwork@census.gov); use "Paperwork Project 0607-0795" as the subject.

# Data Upload

The screenshot shows the Community TIGER web application interface. At the top, the United States Census Bureau logo is displayed, followed by the text "Community TIGER". Below this, there are navigation tabs for "Active Contribution" and "Contribution History". To the right, there are links for "Download Partner Toolbox", "Notifications" (with a badge showing 1), and "Riverside County".

The main content area is divided into three columns:

- Upload Contribution:** A vertical list of four steps:
  - 1 Upload Data:** Includes a green button labeled "Upload your data".
  - 2 Preview Your Data:** Includes a green button labeled "Upload revised data".
  - 3 Finalize Contribution:** Includes a green button labeled "Review your map".
  - 4 TIGER Update Status:** Shows "Not submitted yet".
- Data Analysis:** Features "Automated QC Results" with three colored boxes: "Errors" (0), "Warnings" (0), and "Messages" (0). Below this are sections for "Layers passed" and "Layers failed", both showing "Awaiting contribution".
- Content Analysis:** Features "Suggested TIGER updates:" with three green boxes: "Adds" (0), "Mods" (0), and "Adds" (0). Below these are labels for "Road Centerline", "Road Centerline", and "Address Point".

# Data Analysis

The screenshot displays the Community TIGER web application interface. At the top, the United States Census Bureau logo is visible, along with the text "Community TIGER". The navigation bar includes "Active Contribution", "Contribution History", "Download Partner Toolbox", "Notifications 5", and "City of Pflugerville, TX".

The main content area is divided into three sections:

- Upload Contribution:** A vertical progress bar with four steps: 1. Upload Data (checked), 2. Preview Your Data (active), 3. Finalize Contribution, and 4. TIGER Update Status. A "Review data analysis results" button is located under step 2.
- Data Analysis:** Titled "Automated QC Results", it shows three colored boxes: 2361 Errors (red), 10 Warnings (orange), and 0 Messages (blue). A "Download results" link is provided below. A "Layers passed" table is also present.
- Content Analysis:** Titled "Suggested TIGER updates:", it shows three green boxes: 82 Adds, 124 Mods, and 13864 Adds. A "Download as file gdb" link is provided below.

Layer	Percentage	Errors	Warnings	Messages
AddressPoint	0%	2147	0	0
AddressTable	0%	0	0	0
RoadCenterline	4%	214	10	0

# Data Analysis

Data Analysis [Download results](#) [Back to contribution](#)

All layers

All (2371) Errors (2361) Warnings (10) Messages (0)

Source ID	Type	Layer	Street Name	Street Address	Description	Zoom To
1147	Errors	Address Point		405 Bellemeade Blvd	ROADPOSTTYPE_C' and ROADPRETYPE_CT are both NULL(ERROR);	<a href="#">Zoom To</a>
1152	Errors	Address Point		403 Bellemeade Blvd	ROADPOSTTYPE_C' and ROADPRETYPE_CT are both NULL(ERROR);	<a href="#">Zoom To</a>
1155	Errors	Address Point		401 Bellemeade Blvd	ROADPOSTTYPE_C' and ROADPRETYPE_CT are both NULL(ERROR);	<a href="#">Zoom To</a>
1147	Errors	Road Centerline	Colo Rd		ROADCLASS is	<a href="#">Zoom To</a>

« 1 2 ... 24 » 100

# Content Analysis

The screenshot displays the Community TIGER web application interface. At the top, the United States Census Bureau logo is visible, along with the text "Community TIGER". The navigation bar includes "Active Contribution", "Contribution History", "Download Partner Toolbox", "Notifications 5", and "City of Pflugerville, TX".

The main content area is divided into three sections:

- Upload Contribution:** A vertical progress bar with four steps: 1. Upload Data (checked), 2. Preview Your Data (active), 3. Finalize Contribution, and 4. TIGER Update Status. Buttons for "Review data analysis results", "Upload revised data", and "Review your map" are present.
- Data Analysis:** Titled "Automated QC Results", it shows three colored boxes: 2361 Errors (red), 10 Warnings (orange), and 0 Messages (blue). A "Download results" link is provided. Below, a "Layers passed" table shows progress for AddressPoint (0%), AddressTable (0%), and RoadCenterline (4%).
- Content Analysis:** Titled "Suggested TIGER updates:", it shows three green boxes: 82 Adds, 124 Mods, and 13864 Adds. A "Download as file gdb" link is provided, with a note "(Includes AddressPoint)".

2361	10	0
Errors	Warnings	Messages

AddressPoint	0%	2147	0	0
AddressTable	0%	0	0	0
RoadCenterline	4%	214	10	0

82	124	13864
Adds	Mods	Adds

# Content Analysis

Content Analysis [Download as file gdb](#) [Submit to Census](#) [Back to contribution](#)

All layers **Comments** CT 07.03

10206 Road Centerline Adds 82 Modified 124 Address Point Adds 10000 Search Clear

Layer	Source ID	Proposed Submission	Street Name	Street Address	Zoom To
Address Point	1020	Add		16217 Windermere Dr	<a href="#">Zoom To</a>
Address Point	1021	Add		901 Norwell Ln	<a href="#">Zoom To</a>
Address Point	1022	Add		16306 Malden Dr	<a href="#">Zoom To</a>
Address Point	1023	Add		809 Norwell Ln	<a href="#">Zoom To</a>
Address Point	1024	Add		807 Norwell Ln	<a href="#">Zoom To</a>
Address Point	1025	Add		805 Norwell Ln	<a href="#">Zoom To</a>
Address Point	1026	Add		16308 Malden Dr	<a href="#">Zoom To</a>
Address Point	1027	Add		904 Norwell Ln	<a href="#">Zoom To</a>
Address Point	1028	Add		902 Norwell Ln	<a href="#">Zoom To</a>
Address Point	1029	Add		900 Norwell Ln	<a href="#">Zoom To</a>
Address Point	1030	Add		810 Norwell Ln	<a href="#">Zoom To</a>
Address Point	1031	Add		808 Norwell Ln	<a href="#">Zoom To</a>
Address Point	1032	Add		16400 Malden Dr	<a href="#">Zoom To</a>

« < 1 2 ... 103 > » 100

# Submit to Census Bureau

**Metadata Form** x

You, ( **City of Pflugerville, TX** ), are the owner of the data. Please verify and complete the following metadata:

1. Address Points    2. Road Centerlines (Part 1)    3. Road Centerlines (Part 2)

Additional Source/Origin:

Compiled/Acquired from:   
e.g. imagery, GPS survey...

Date File was Compiled:

Positional Accuracy (optional):   
e.g. 95% of data is accurate within 7.6 meters

Update Frequency Information (optional):

Attribute Data Content and Structure (optional):

General Comments (optional):

The metadata above has been reviewed and verified for correctness

# Submit to Census Bureau

**Metadata Form** ✕

You, ( **City of Pflugerville, TX** ), are the owner of the data. Please verify and complete the following metadata:

1. Address Points      2. Road Centerlines (Part 1)      **3. Road Centerlines (Part 2)**

Feature Representation Standards Applied:     Yes     No   

Feature Name Standards Applied?             Yes     No   

Contains Paper Streets?                       Yes     No   

Centerlines Carry Address Ranges:            Yes     No

Type of Address Ranges:                       Potential     Actual     Unknown   

Follow to/from House Number?               Yes     No     Unknown

Follow Left/Right System?                   Yes     No     Unknown

Represents Full Coverage for their Entity?    Yes     No     Unknown

The metadata above has been reviewed and verified for correctness

# Contact Information

If you have questions, please contact the U.S. Census Bureau Community TIGER Team:

E-mail - [geo.community.tiger@census.gov](mailto:geo.community.tiger@census.gov)

Phone - (888) 658-5580