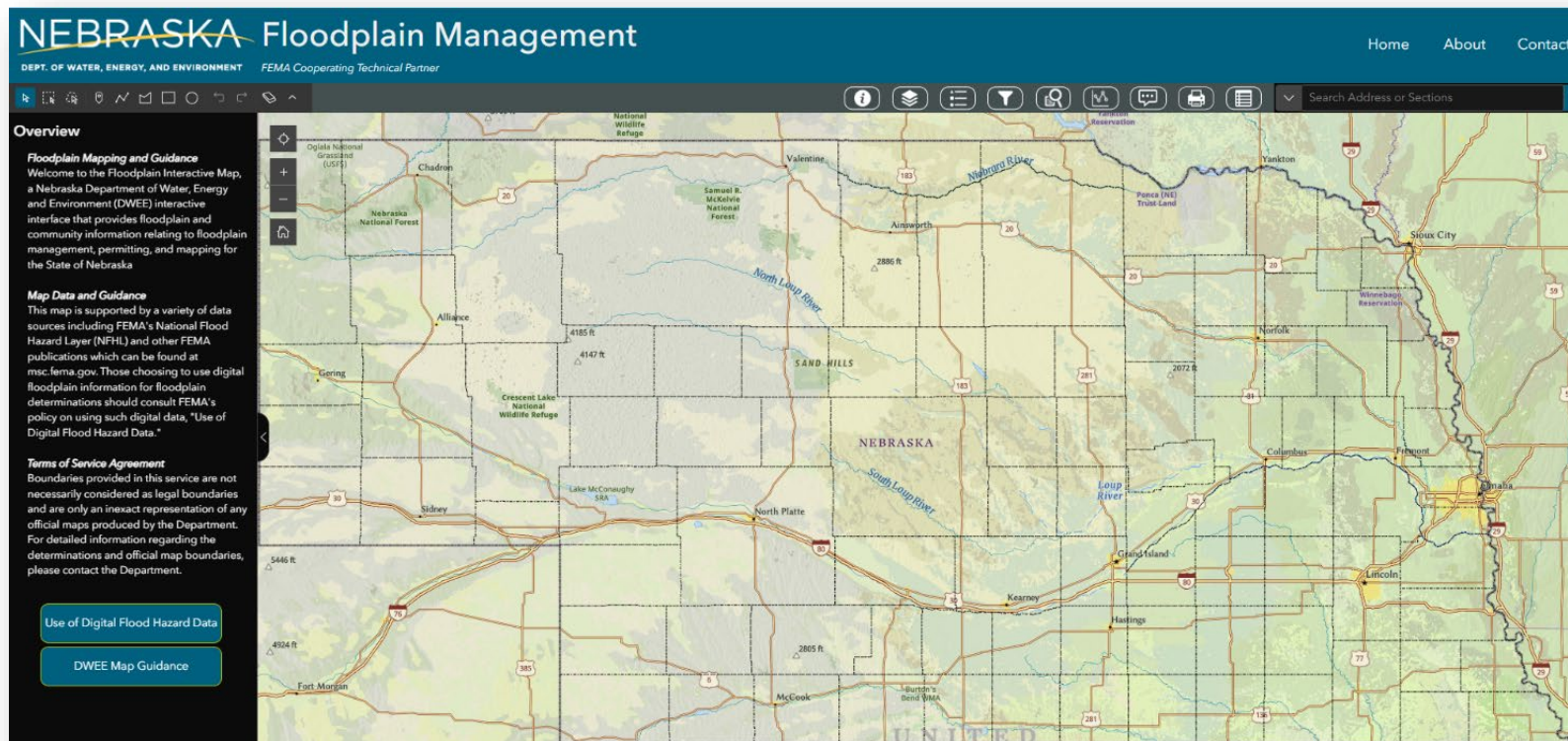


Nebraska Floodplain Interactive Map

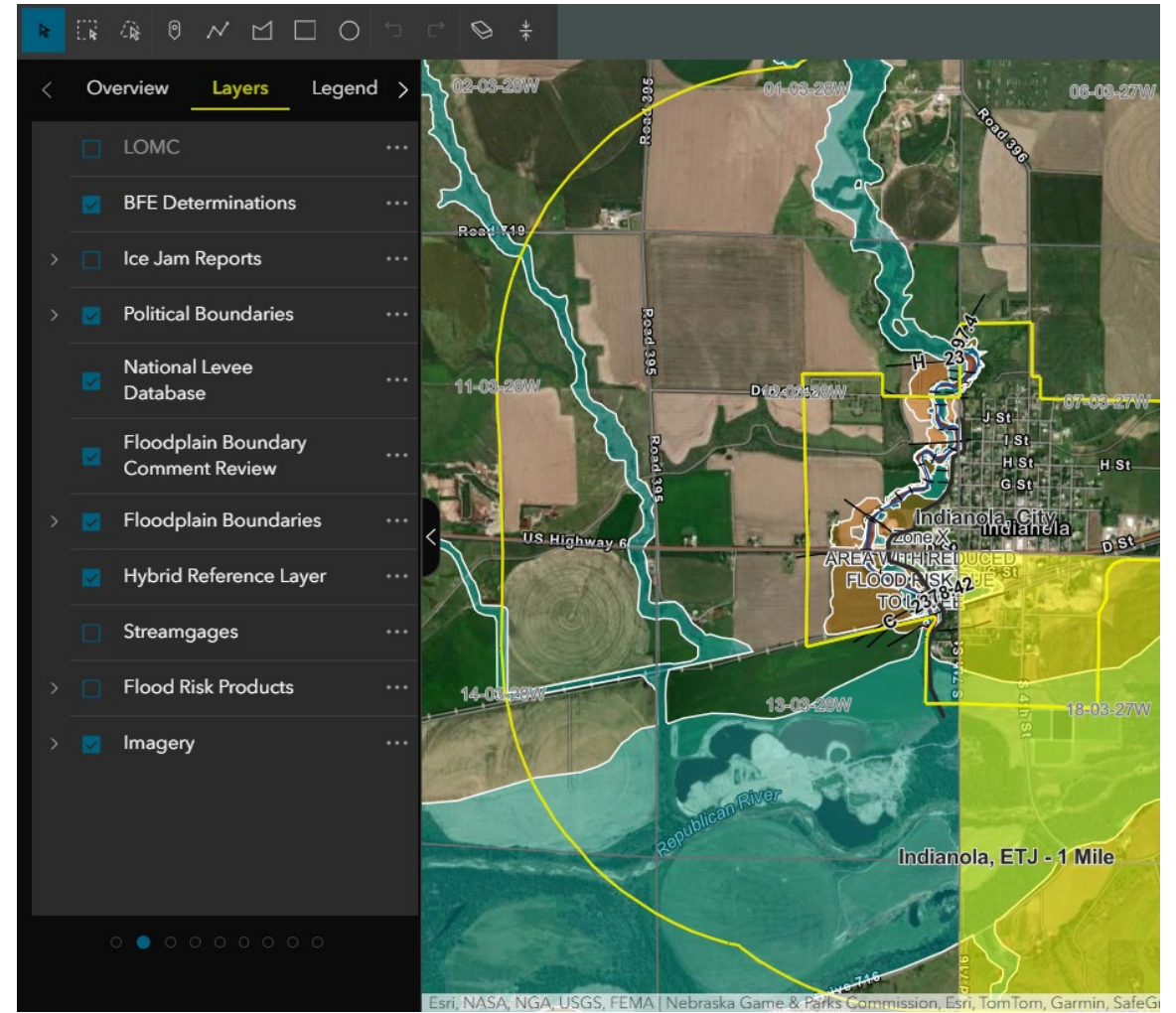
User Guide

<https://dwee.nebraska.gov/floodplain/interactive-maps>



Managing Layers

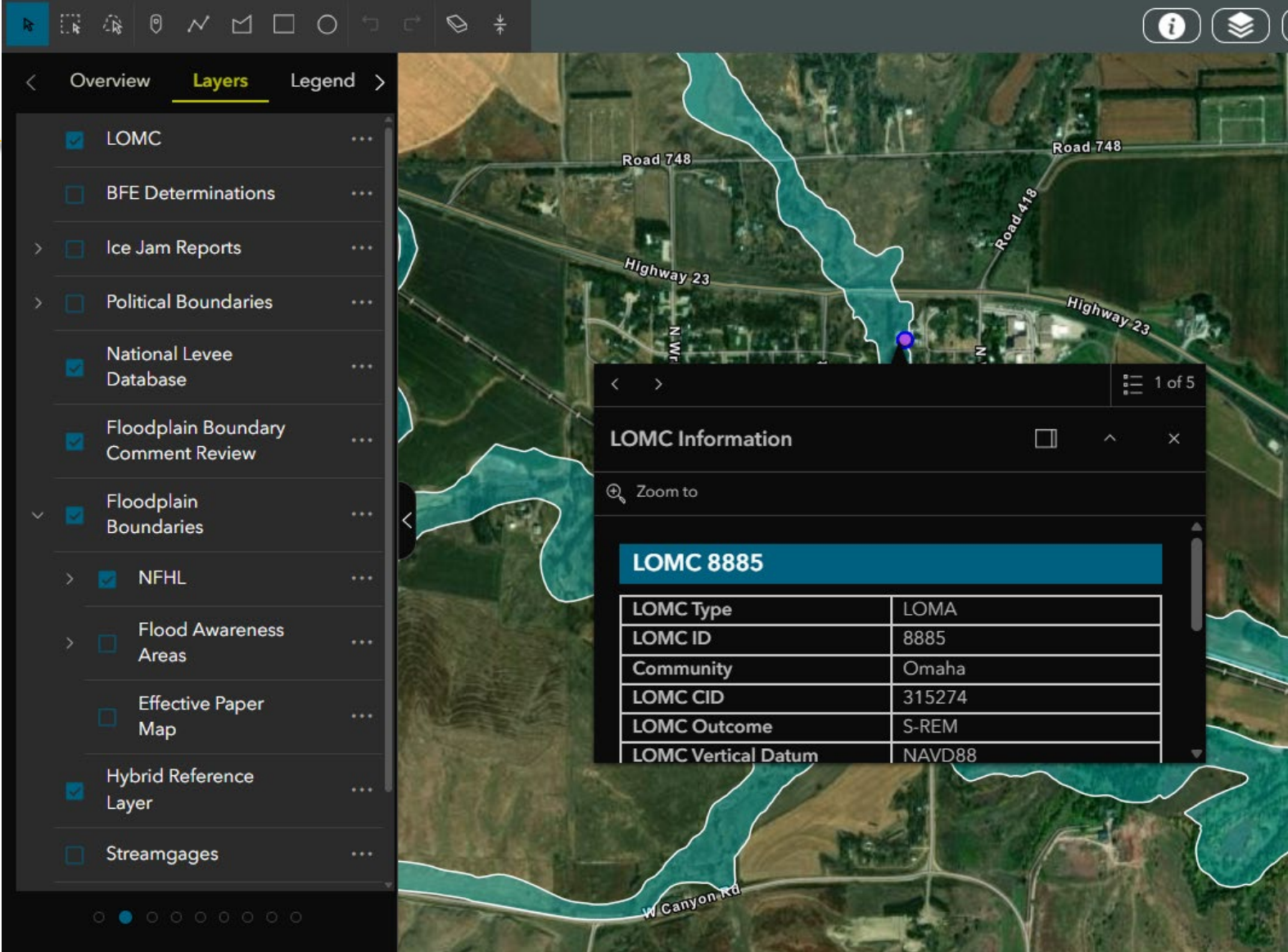
- Default layers include:
 - BFE Determinations
 - Political Boundaries
 - National Levee Database
 - Floodplain Boundary Comment Review
 - Floodplain Boundaries
 - NFHL
 - Flood Awareness Areas
 - Hybrid Reference Layer
 - Imagery



Note that layers can be toggled on and off

LOMC

Point layer showing all LOMAs or LOMR-Fs present in the community. Shown as purple dots that can be selected to learn more.

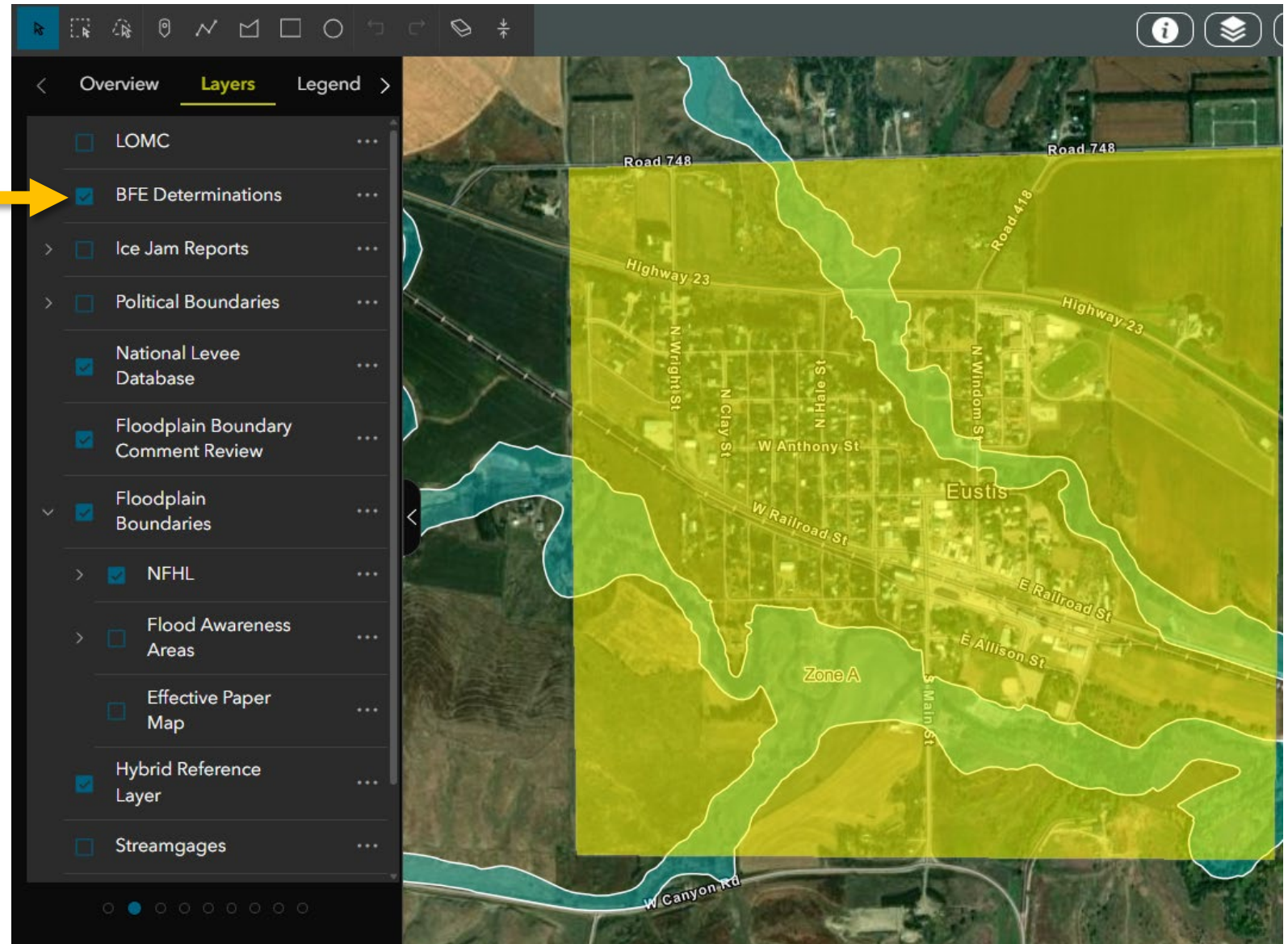


The screenshot displays a GIS application interface. On the left, a 'Layers' panel lists various data layers. The 'LOMC' layer is checked and highlighted with a yellow arrow. The main map area shows a satellite view with floodplains outlined in white. A purple dot on the map indicates a selected LOMA. A popup window titled 'LOMC Information' is open, displaying details for LOMA 8885.

LOMC 8885	
LOMC Type	LOMA
LOMC ID	8885
Community	Omaha
LOMC CID	315274
LOMC Outcome	S-REM
LOMC Vertical Datum	NAVD88

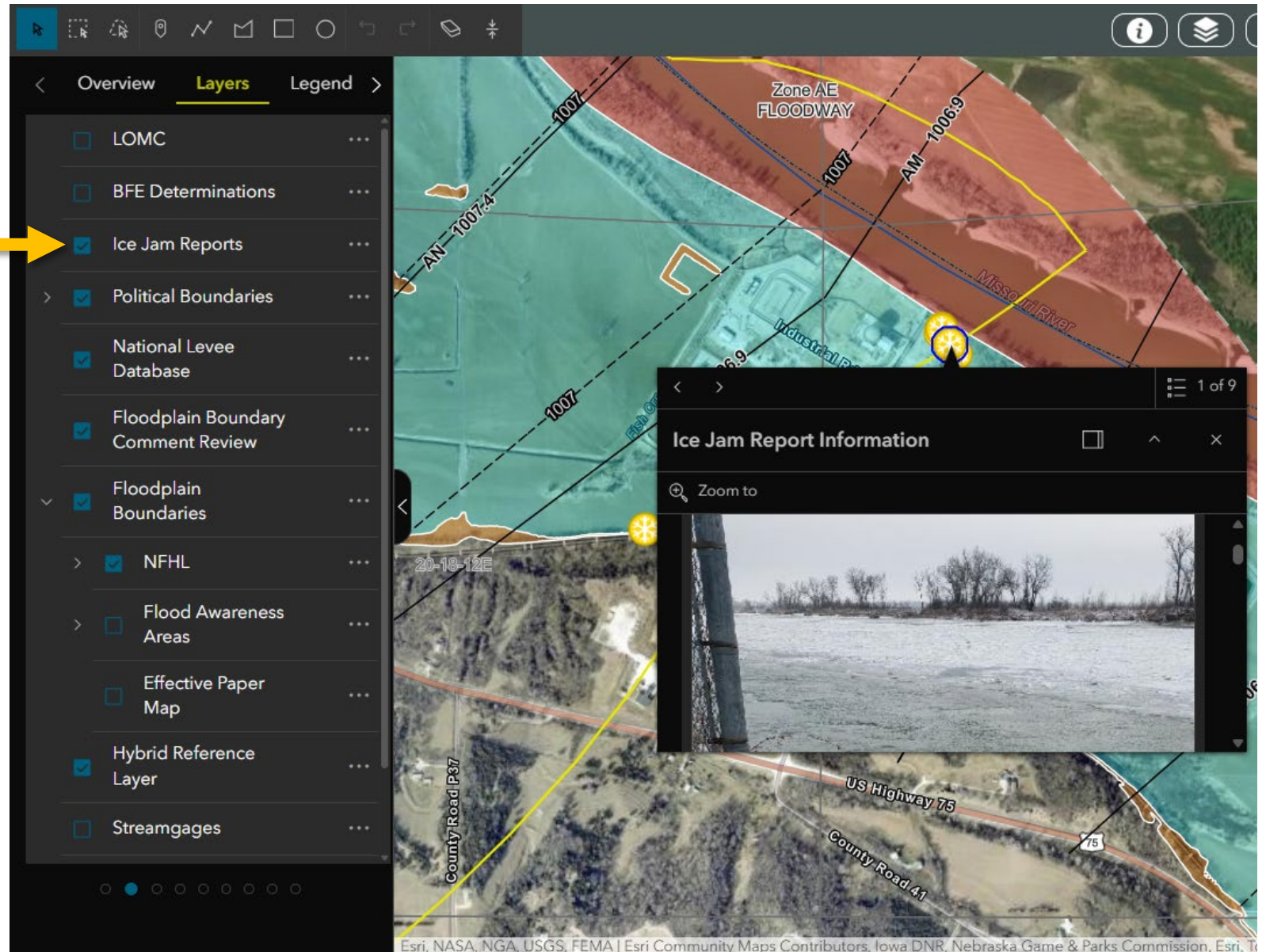
BFE Determinations

PLSS Sections that have a Valid Base Flood Elevation (BFE) Determination will be highlighted in yellow. This layer toggles those highlighted sections on and off.



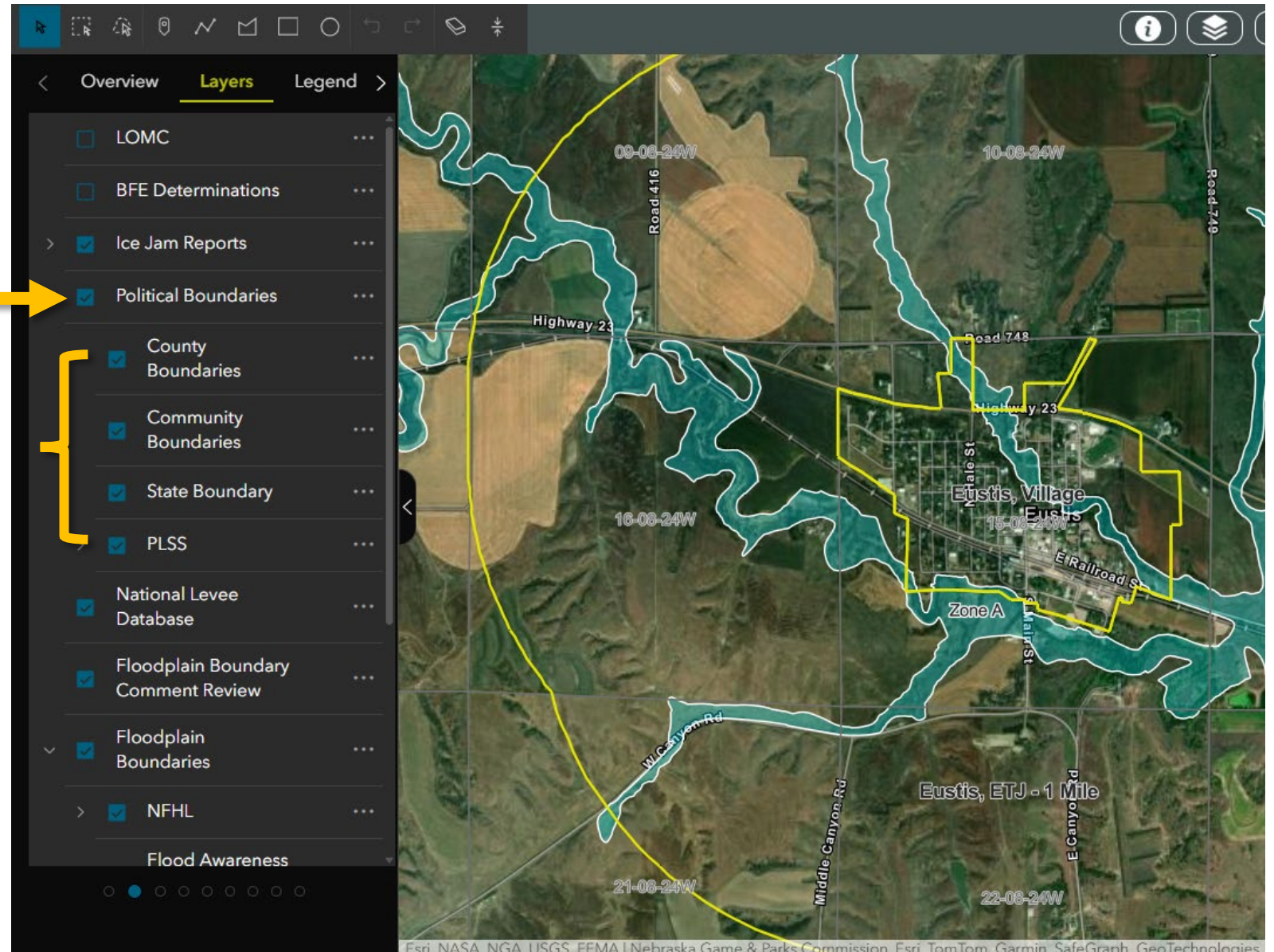
Ice Jam Reports

Use this layer to view recent reports made by certified users of our ice jam reporting page. Reports will appear as a snowflake icon, and will display information about waterflow at the location.



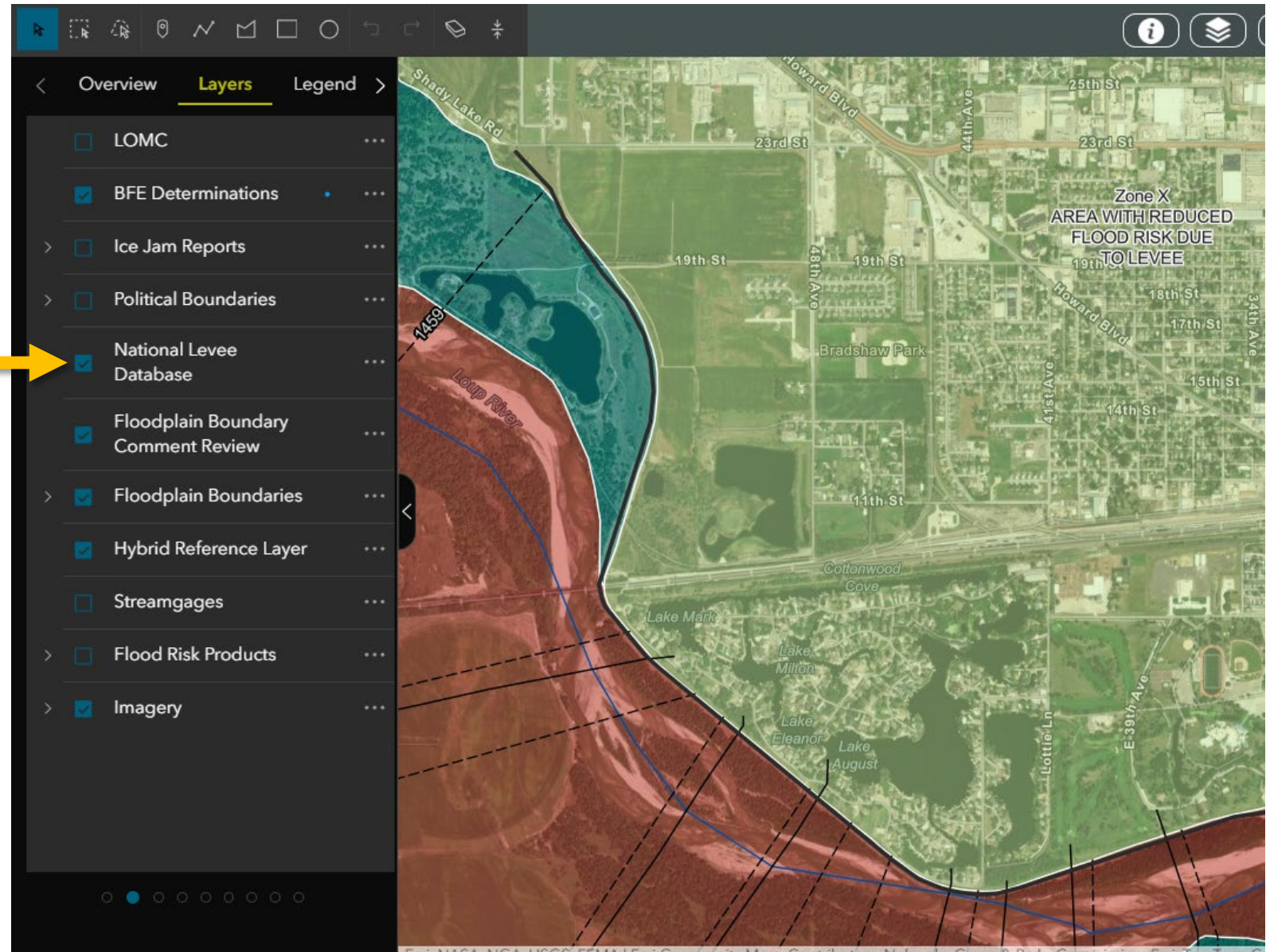
Political Boundaries

This layer shows community boundaries, including city limits and Extra Territorial Jurisdictions (ETJs). You can now toggle off PLSS and County Boundaries.



National Levee Database

This layer shows nationally accredited levee systems. Levees are indicated by the dark gray line, typically along a watercourse.



Floodplain Boundary Comment Review

This layer is used for comments provided by users during the preliminary stages of a FEMA funded floodplain mapping project.

The screenshot shows a map application interface. On the left, a 'Layers' panel lists various map layers. The 'Floodplain Boundary Comment Review' layer is highlighted with a yellow arrow. The main map area displays a floodplain boundary in blue, with a specific area highlighted in a darker blue. A popup window titled 'FloodplainBoundaryComments: Jared' is open, showing details for a comment. The popup includes fields for Job Title, Community, Comments, and Date. The map interface also includes a top toolbar with navigation icons and a bottom status bar with map data sources.

Overview **Layers** Legend

- ☐ LOMC
- ☒ BFE Determinations
- ☐ Ice Jam Reports
- ☐ Political Boundaries
- ☒ National Levee Database
- ☒ Floodplain Boundary Comment Review
- ☒ Floodplain Boundaries
- ☒ Hybrid Reference Layer
- ☐ Streamgages
- ☐ Flood Risk Products
- ☒ Imagery

FloodplainBoundaryComments: Jared

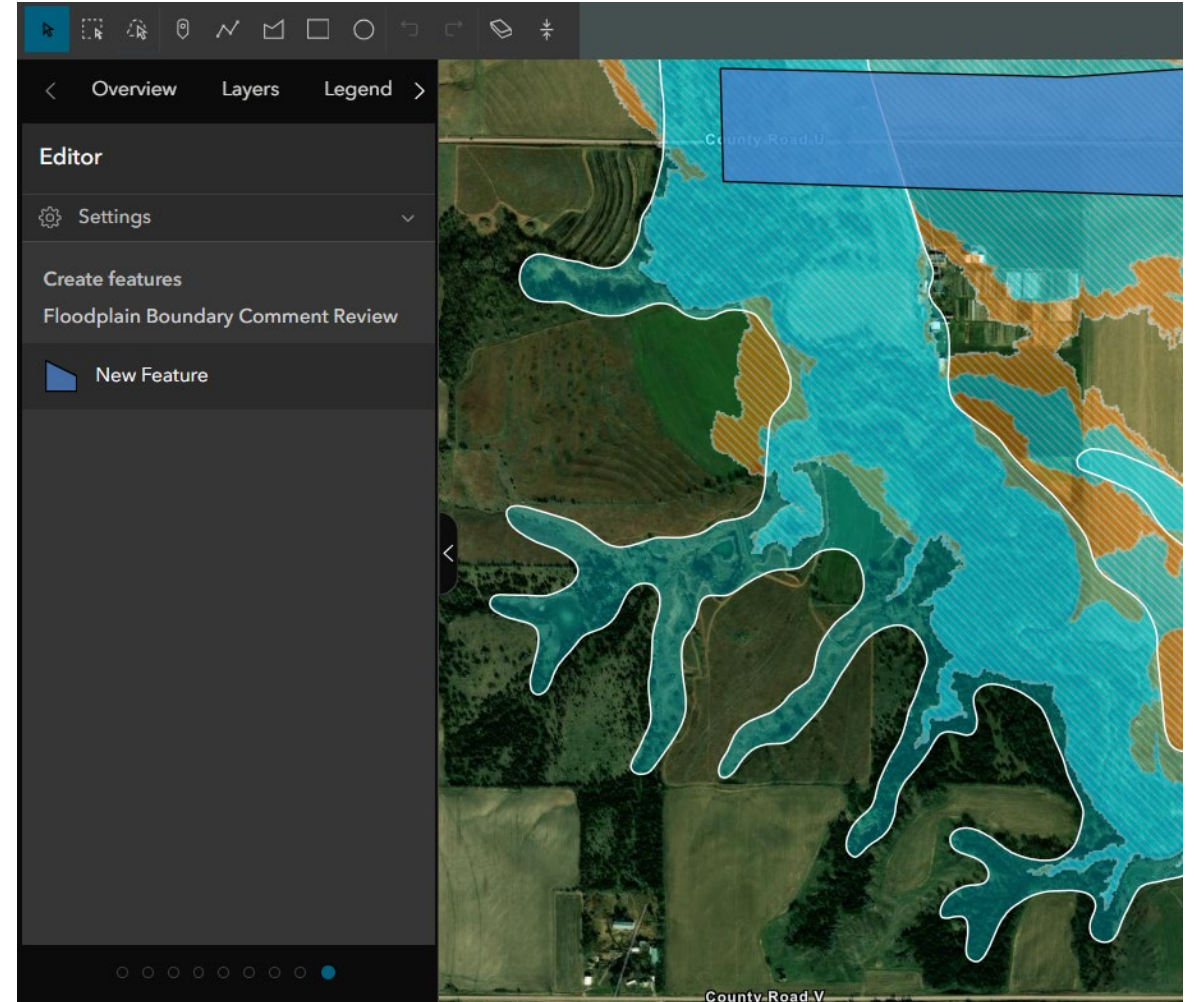
Zoom to

Job Title	Engineer
Community	Western
Comments	DOuble check road centerline is captured. verify road overtopping location
Date	

Esri, NASA, NGA, USGS, FEMA | Esri Community Maps Contributors, Nebraska Game & Parks Commission, Esri, TomTom, G

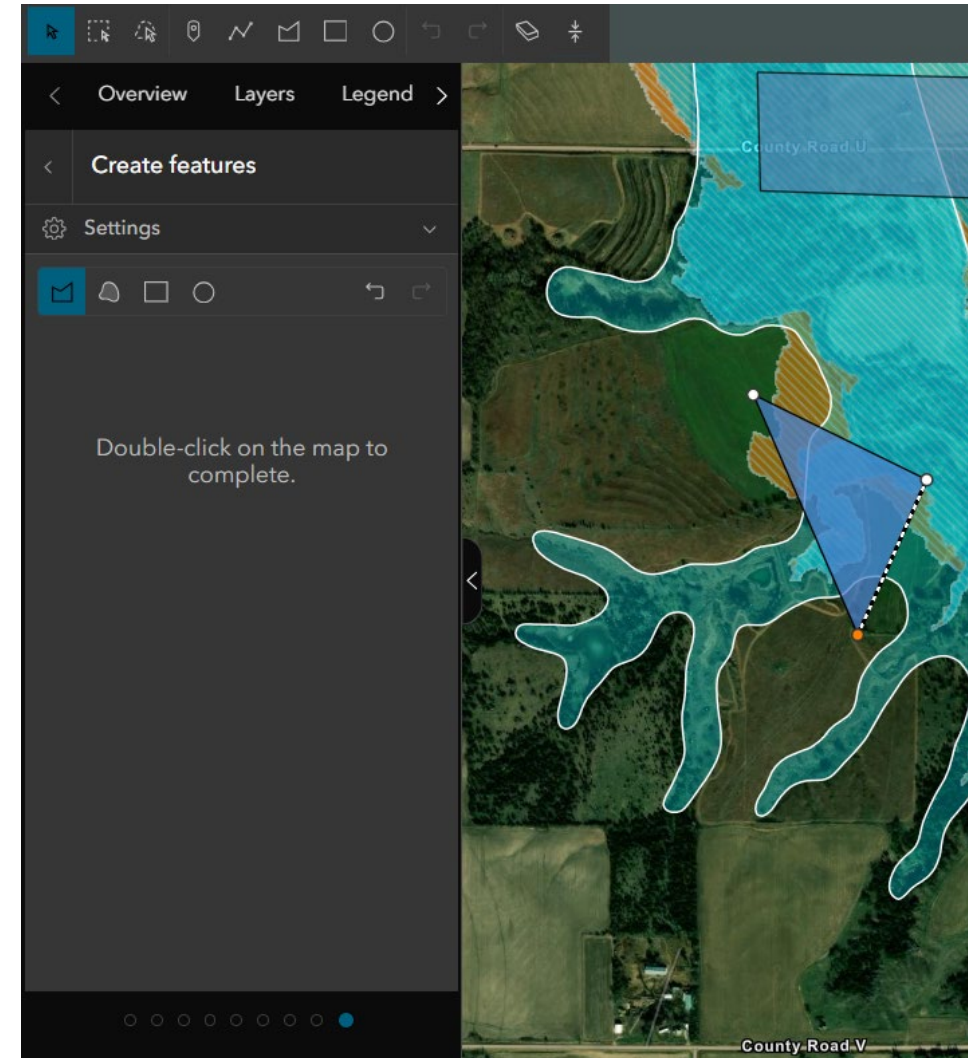
Creating a Boundary Comment

1. Turn on the “Floodplain Boundary Comment Review” layer
2. Click the  icon next to the search bar
3. Select “New Feature” from the menu on the left side of your screen



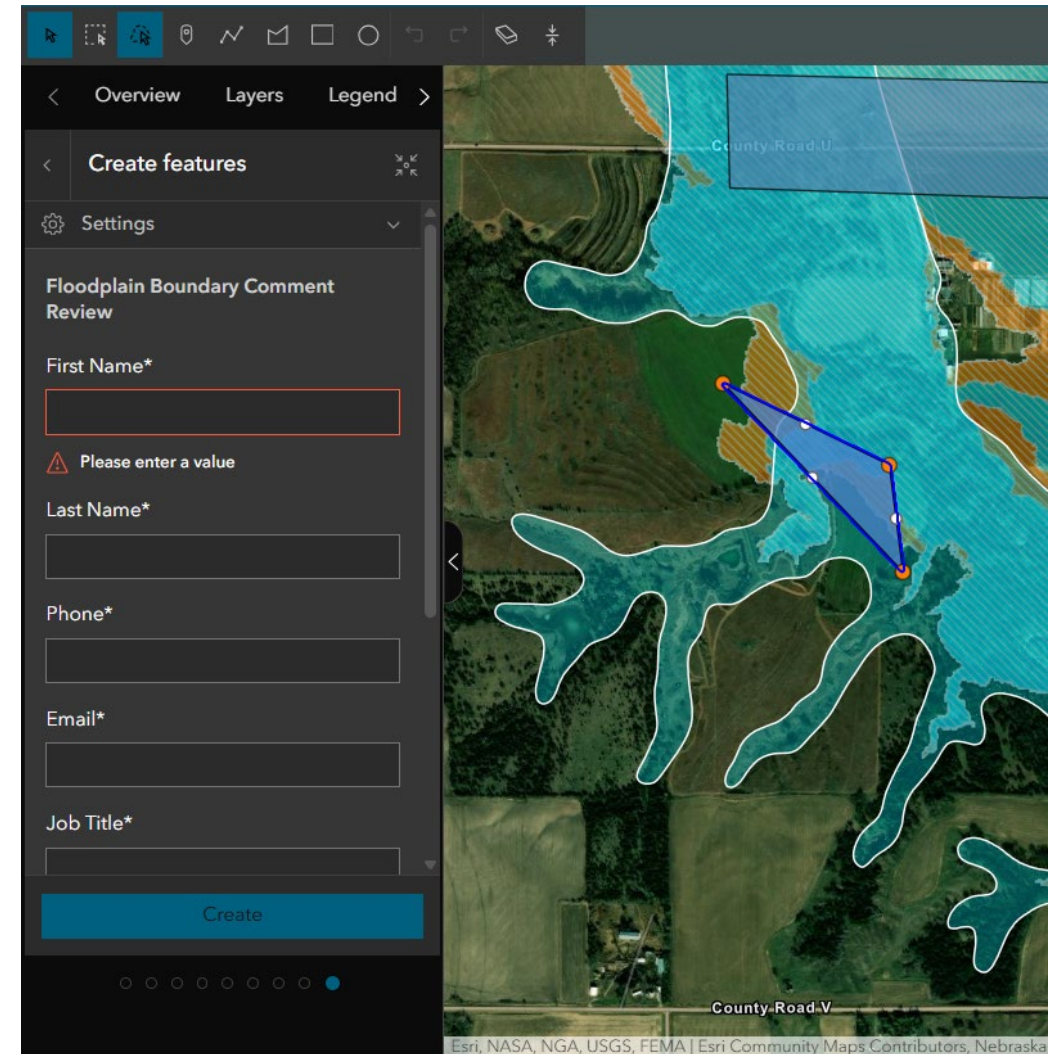
Creating a Boundary Comment- Step 1

1. Turn on the “Floodplain Boundary Comment Review” layer
2. Click the  icon next to the search bar
3. Select “New Feature” from the menu on the left side of your screen
4. Draw a shape around the area you would like to comment on, double-click to finish drawing



Creating a Boundary Comment- Step 2

1. Turn on the “Floodplain Boundary Comment Review” layer
2. Click the  icon next to the search bar
3. Select “New Feature” from the menu on the left side of your screen
4. Draw a shape around the area you would like to comment on, double-click to finish drawing
5. Enter the required information, and click “Create”



Floodplain Boundaries

This layer includes:

☐ NFHL

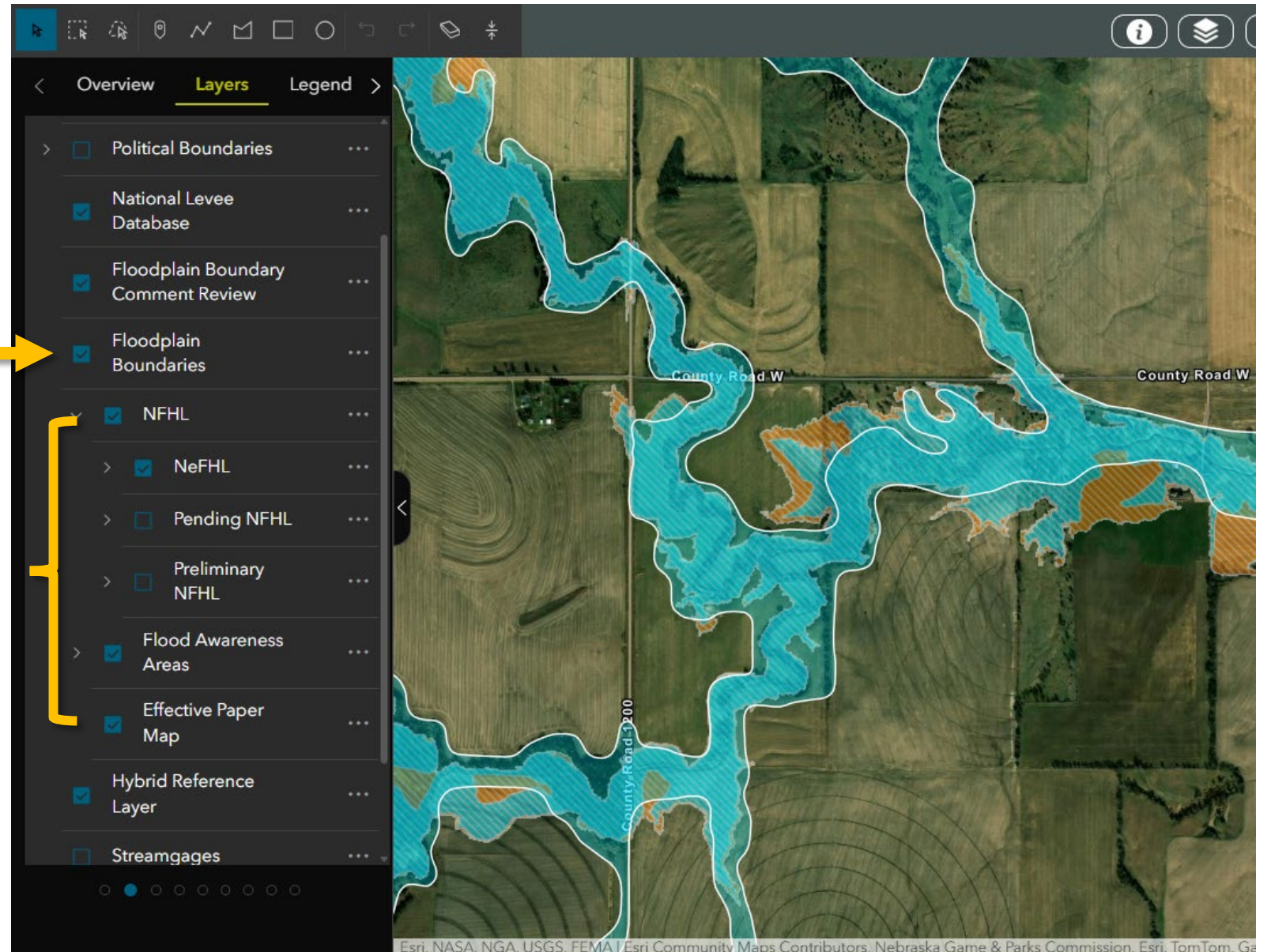
☐ The regulatory floodplain (NeFHL)

☐ Pending NFHL

☐ Preliminary NFHL

☐ Flood Awareness Areas

☐ Effective Paper Map



Floodplain Boundaries

To view only regulatory boundaries, select the NeFHL and Effective Paper Map:

☐ NFHL

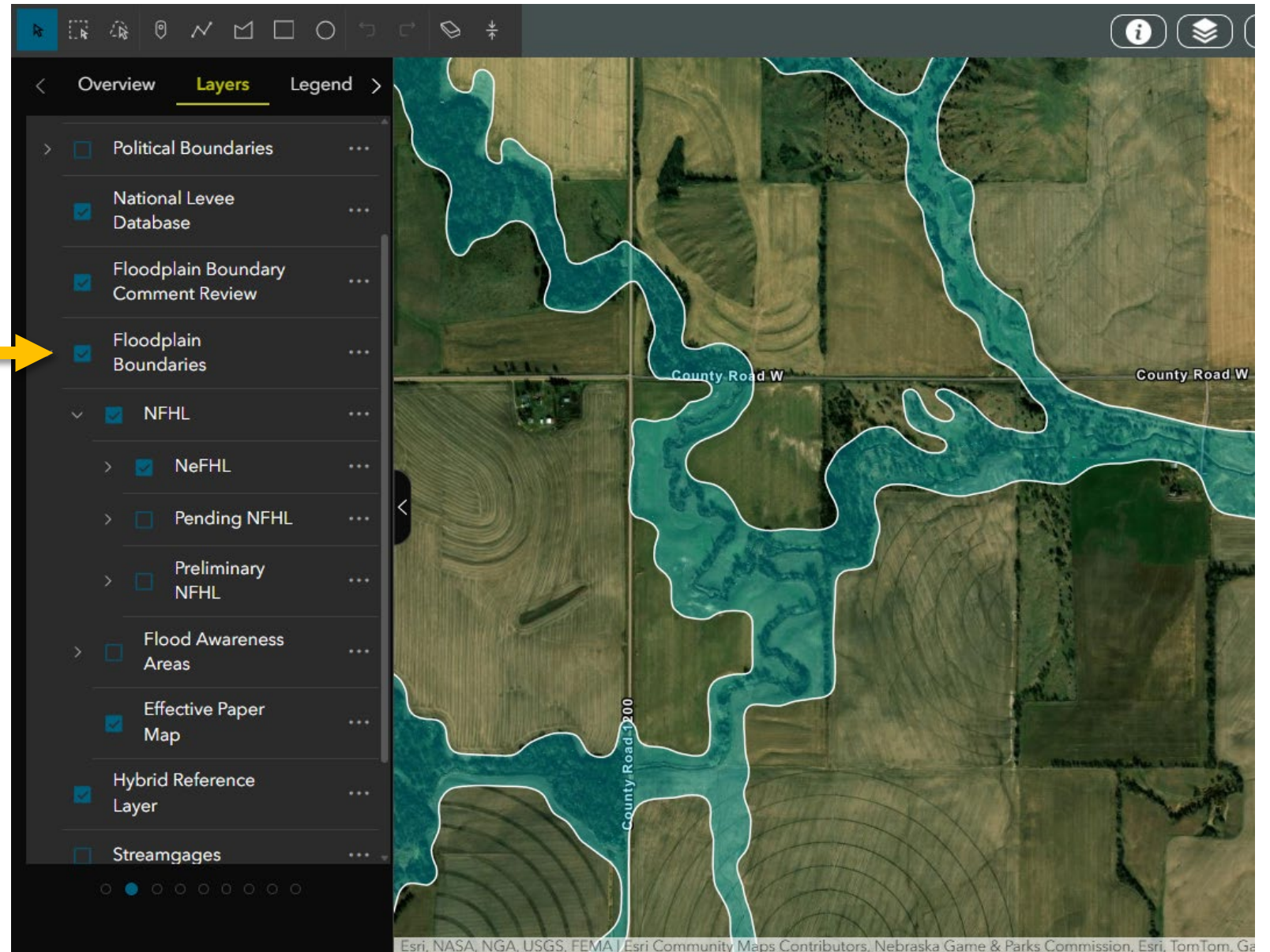
☐ The regulatory floodplain (NeFHL)

☒ Pending NFHL

☒ Preliminary NFHL

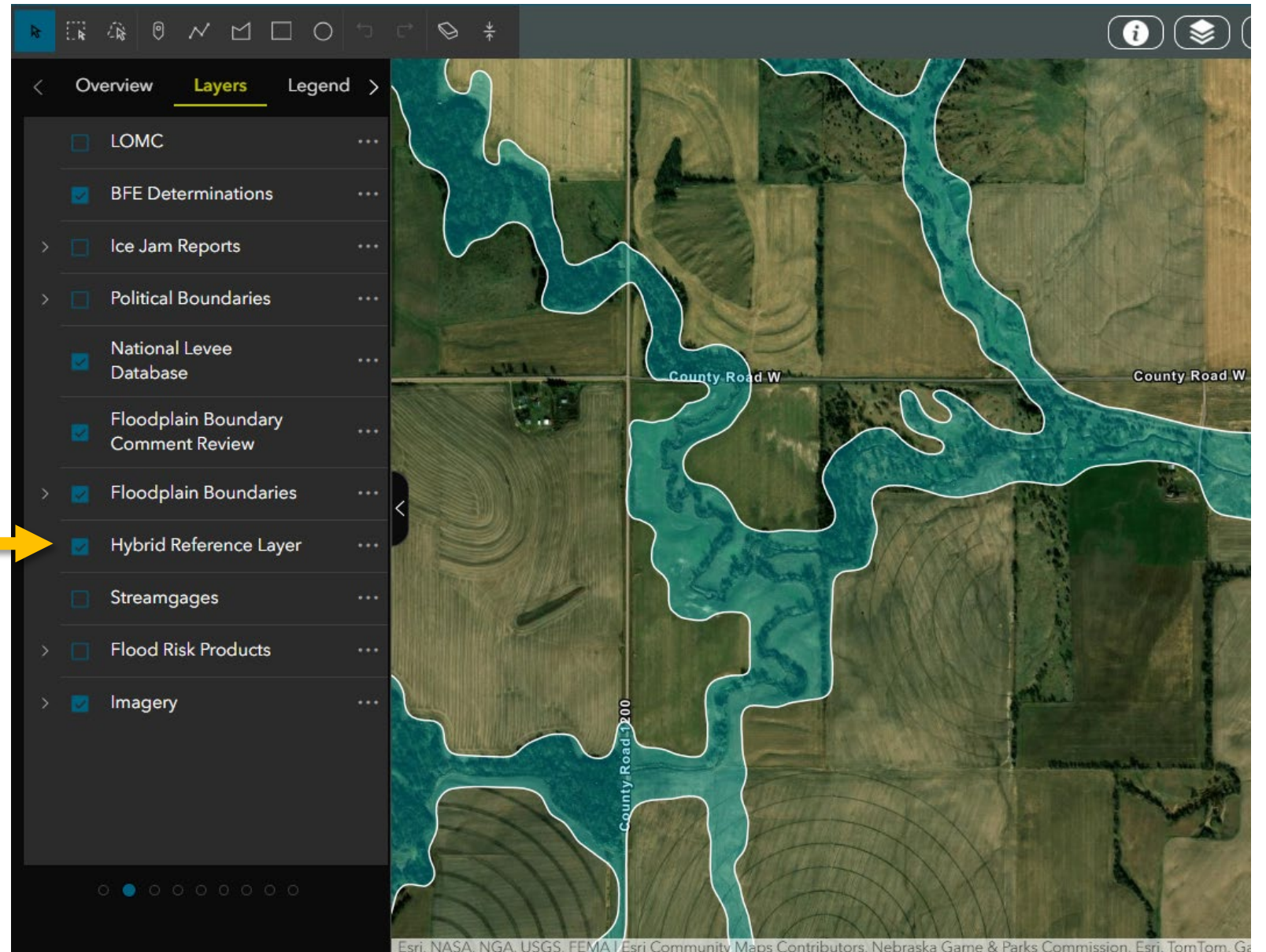
☒ Flood Awareness Areas

☐ Effective Paper Map



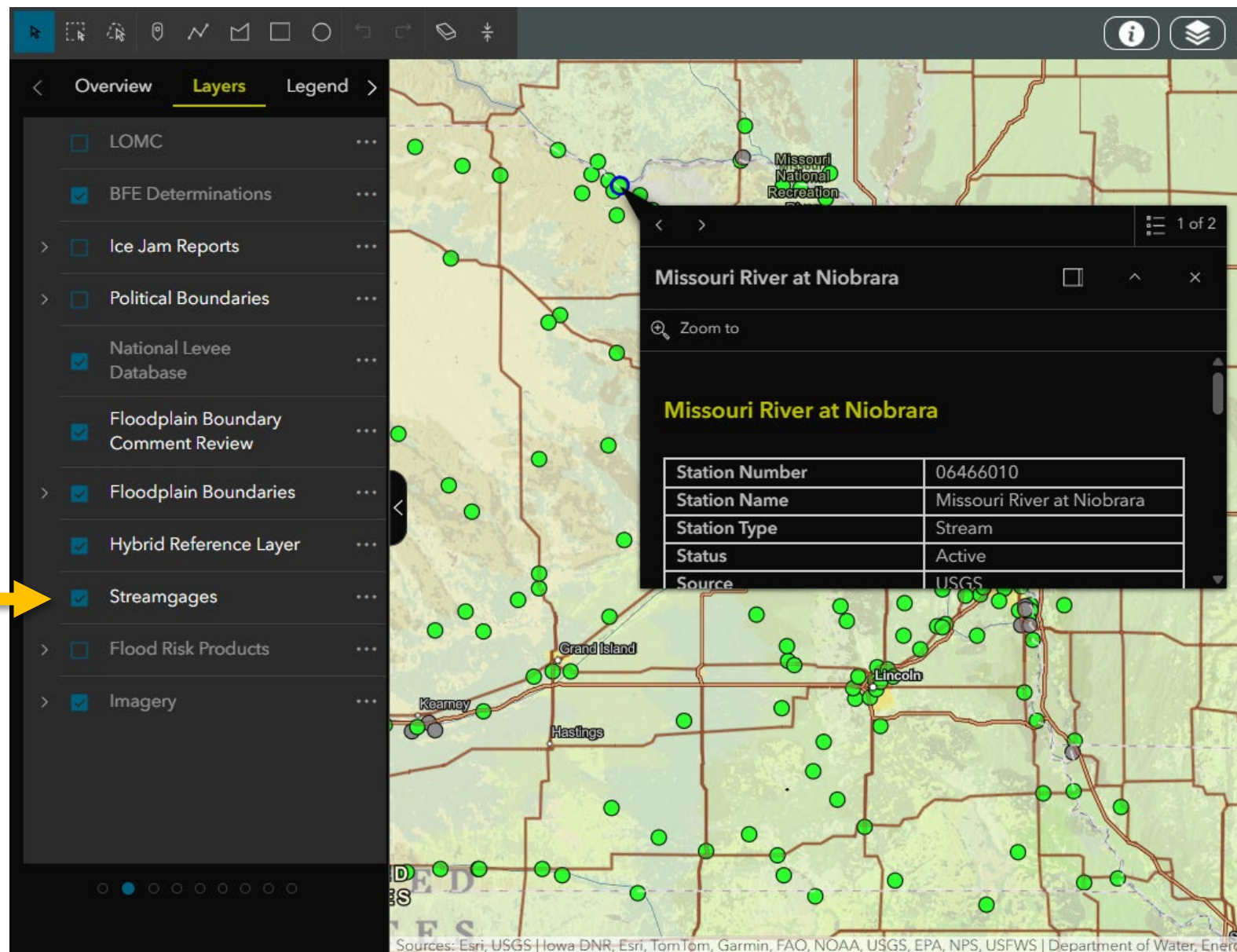
Hybrid Reference Layer

Displays a detailed overlay reference with road names, community labels, water features, landmarks, railways, etc.



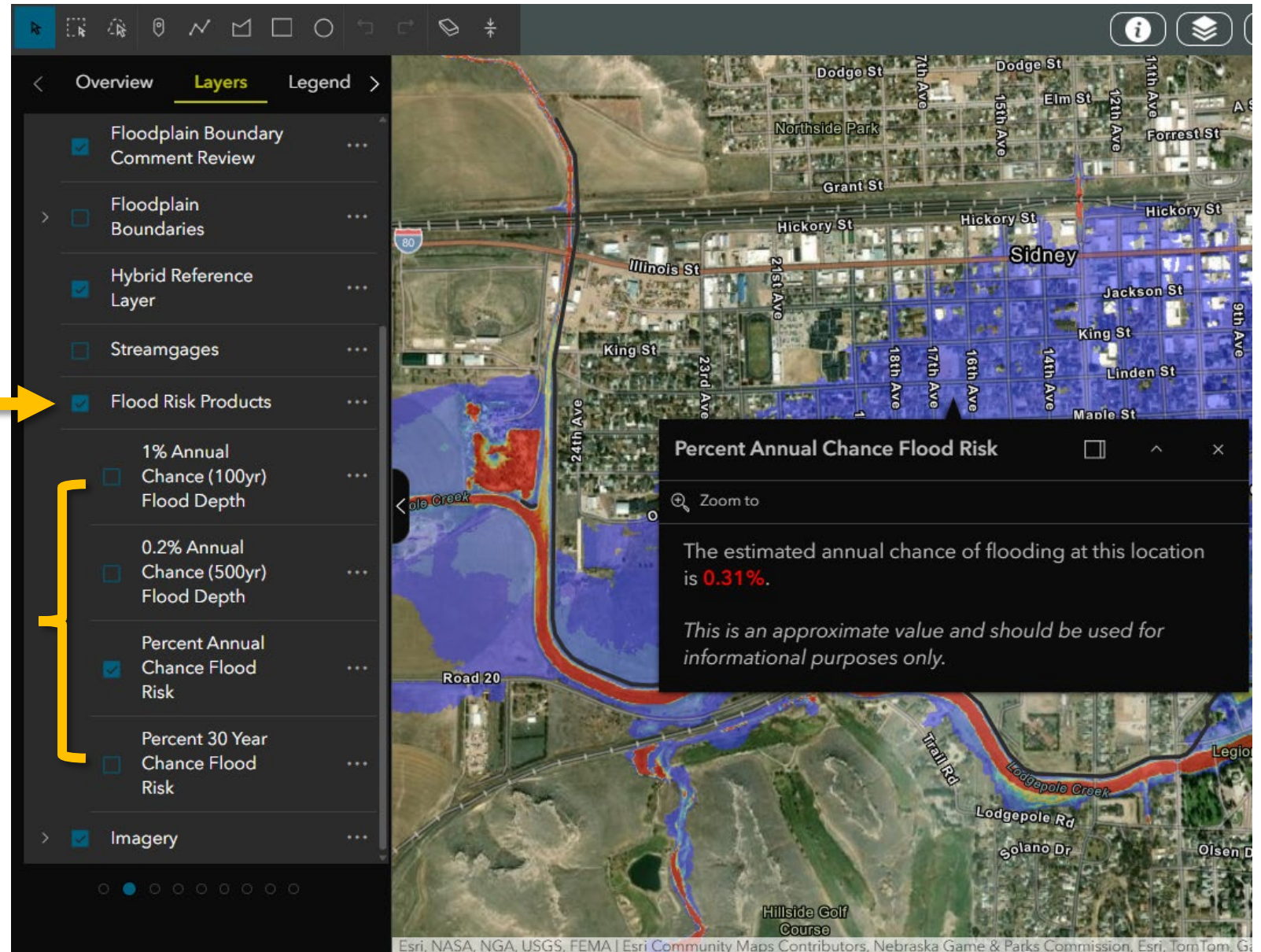
Streamgages

Point layer showing all active streamgages for Nebraska. Colors will coordinate with the current flood stage. Clicking on a gage will open a window displaying the most current data for the watercourse at the gage site.



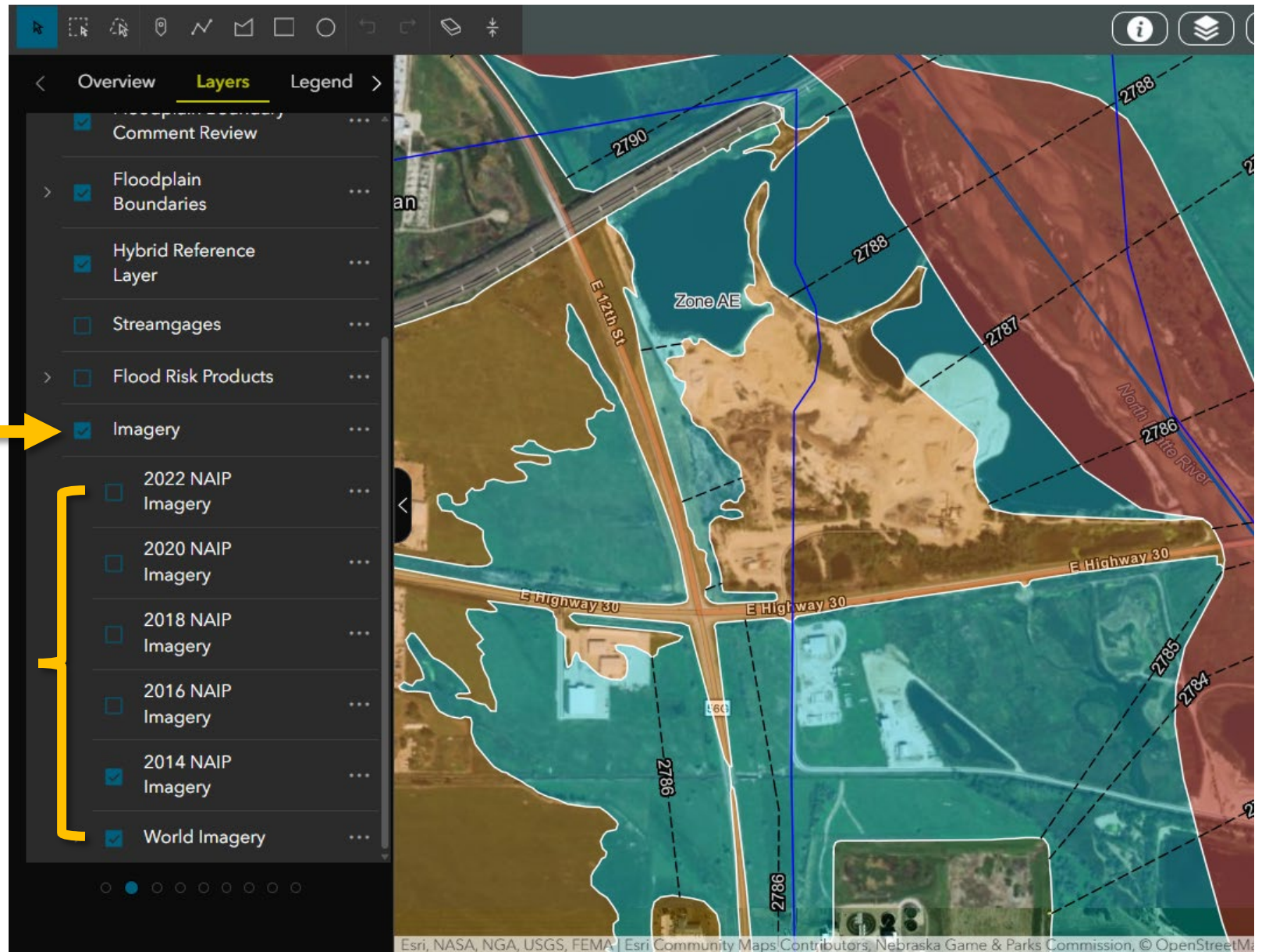
Flood Risk Products

Layer displaying additional flood risk information beyond the regulatory data. Data includes depth “grids” and percent annual chance layers that allow you to click on any location to find site specific flood risk information.



Imagery

Toggle between different aerial imagery using this layer.



Available Tools



- All tools can be found along the top bar. These include:

Selecting Tools

Drawing Tools

Legend

Streamgage camera filter

Elevation Profile

Floodplain Boundary Review Comments

Print Map View

Attribute Table

Available Tools Cont'd



Selecting Tools



Select Feature: Use this to select features and read information



Select by Rectangle: Use this to select all features within a rectangle



Select by Lasso: Select features within a custom drawn polygon

Available Tools- Drawing



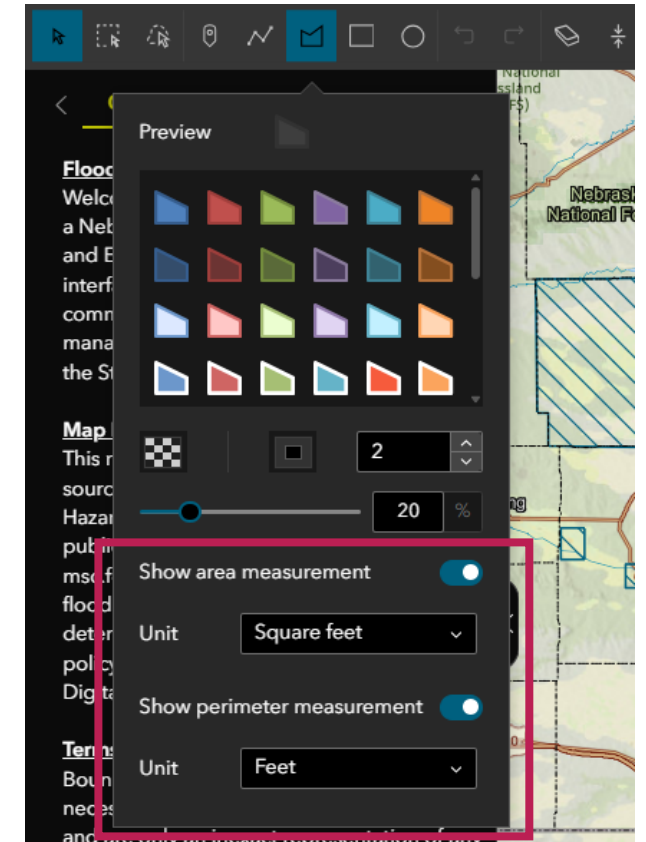
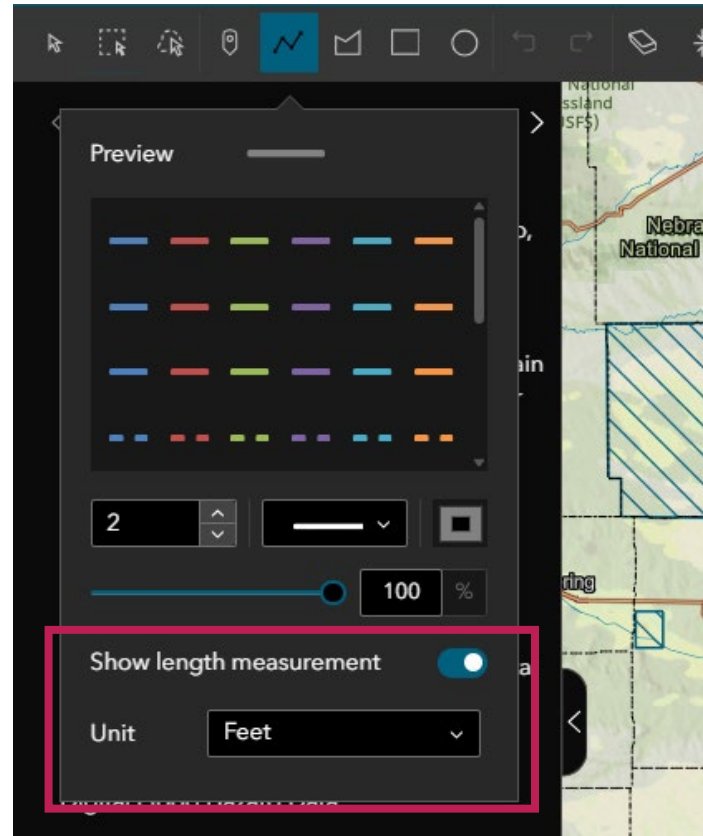
Drawing Tools

-  Draw a Point: Place points on the map
-  Draw a Polyline: Draw a custom line on the map
-  Draw a Polygon: Draw a custom shape on the map
-  Draw a Rectangle: Draw a rectangle on the map
-  Draw a Circle: Draw a circle on the map
-  Undo, redo, erase, and “collapse” the drawing window

Available Tools- Making Measurements

Making Measurements

- When drawing any shape, toggle the “show length/area/perimeter measurement” button
- Select the preferred unit of measurement



Available Tools- Other



Other Tools

-  Application Overview: Returns to the disclaimer information
-  Map Layers: Opens layer selection
-  Legend: Opens the general map legend
-  • NeFHL Legend: Opens the floodplain boundary legend
-  • Stream gage Camera Filter: Filters only stream gages with live camera feed

Available Tools- Other Cont'd



Other Tools



Popular Searches: Search for your community by name



Elevation Profile: Allows users to view elevation information along a profile



Floodplain Boundary Comments: Opens commenting tool



Print Map View: Opens the printer tool to print the current or custom view



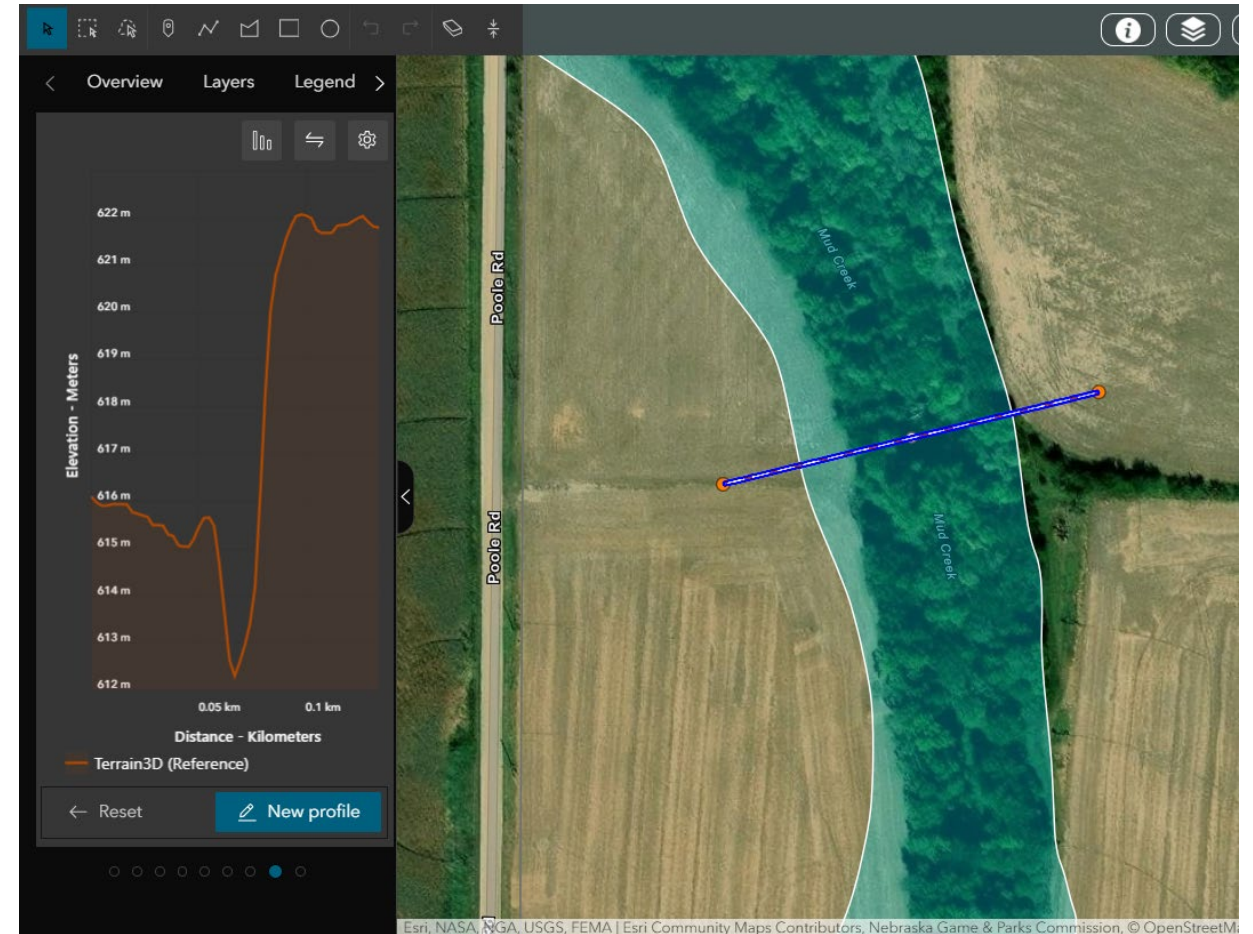
Attributes: Opens the attribute tables for available layers

Available Tools- Elevation Profile

Using the Elevation Profile tool



1. Read the disclaimer
2. Click “Draw”
3. Draw a line across the area you need elevations for, and double-click to finish drawing

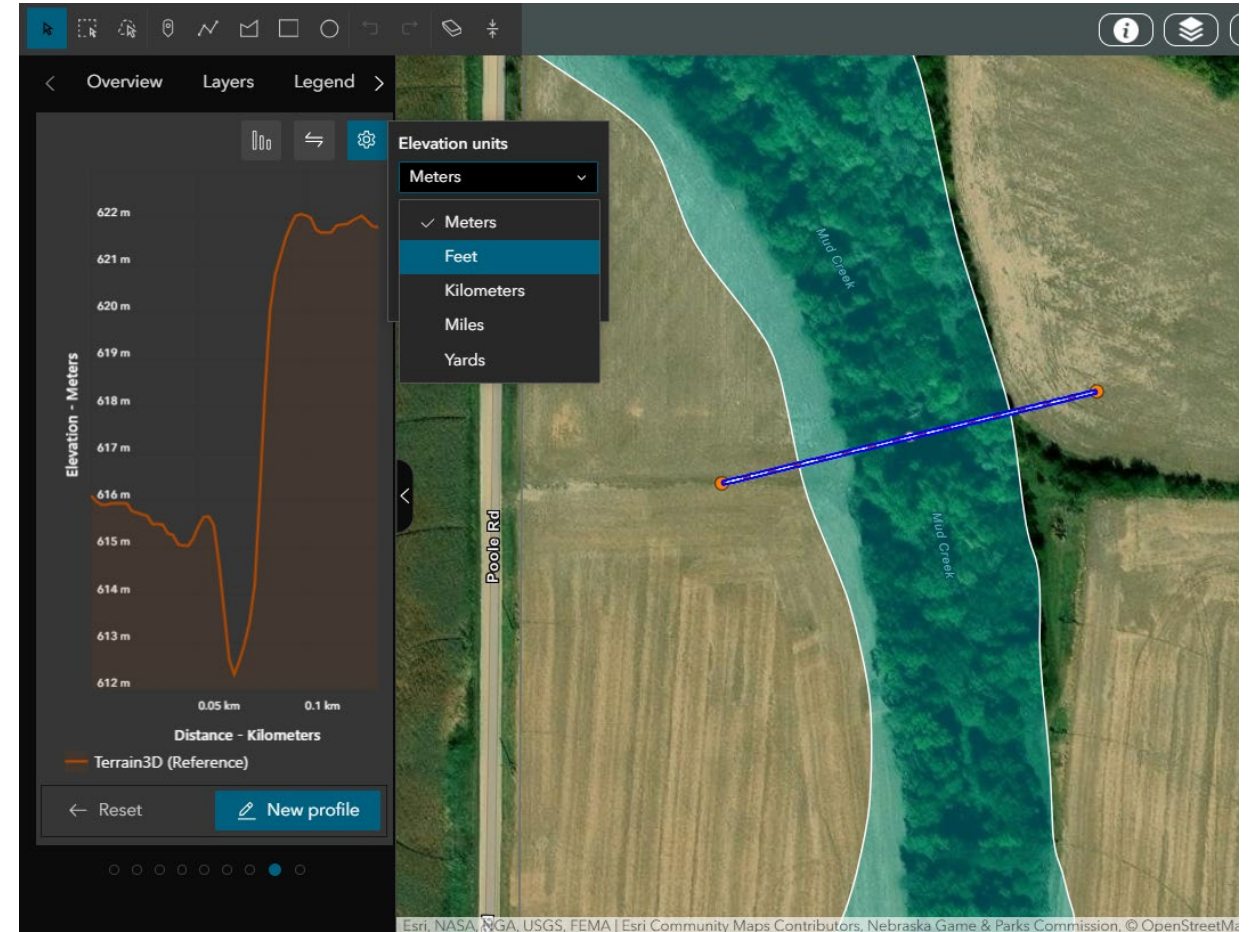


Available Tools- Elevation Profile Cont'd

Using the Elevation Profile tool



1. Read the disclaimer
2. Click “Draw”
3. Draw a line across the area you need elevations for, and double-click to finish drawing
4. Change units by clicking the  icon and using the drop downs



Available Tools- Using the Elevation Profile

Using the Elevation Profile tool



- This tool is for information purposes only, and cannot replace surveyed elevations for permitting, LOMC, or proof of compliance
- The full disclaimer can be read when you first click on the tool

