



# Web Resources for Floodplain Management

Kansas Department of Agriculture

Bill Pace, CFM

Floodplain Mapping Specialist

9/19/2024

# Agenda

- New KDA Website
  - Resource Pages
  - Mapping Project Pages
- Web Map
  - KDA Current Effective Viewer
  - KDA Floodplain Mapping Projects Viewer
  - Letter of Map Change Web Viewer
- Kansas Base Flood Elevation Portal

# KDA Website

# KDA Website

- The main KDA website underwent an update in summer 2024
- Done to make the website more visually appealing and easy to navigate
- Will need to update bookmarks



# KDA Website

- KDA provides information on floodplain management topics:
  - Floodplain Management Resources
  - National Flood Insurance Program
  - NFIP Resources Page
  - Floodplain Management Training Page
  - Mapping Page
  - Mitigation
  - Flood Safety
  - Natural and Beneficial Floodplains
  - Contacts

The screenshot displays the KDA website's navigation structure and content for the Floodplain Management page. The top navigation bar includes links for 'About Us', 'Kansas Agriculture', 'Divisions & Programs' (highlighted), 'Public Resources', and 'Licenses'. A left sidebar menu lists various divisions and programs, with 'Floodplain Management' highlighted. The main content area shows the breadcrumb trail 'Divisions & Programs » Division of Water Resources » Water Structures »' followed by the title 'Floodplain Management'. Below the title are font size controls and a 'Share & Bookmark' link. The text states that the floodplain is regulated to protect people and property, ensure federal flood insurance availability, and save tax dollars.

About Us Kansas Agriculture Divisions & Programs Public Resources Licenses

Divisions & Programs » Division of Water Resources » Water Structures »

## Floodplain Management

Font Size: + - + Share & Bookmark

The floodplain is regulated in order to do the following:

**Protect people and property.**  
Floodplain management is about reducing vulnerability to flood risk to our built environment. If we know low lying land will flood from time to time, we should make reasonable decisions to help protect our families, homes, and businesses.

**Make sure that federal flood insurance is available.**  
If your home or business is in the floodplain and federal flood insurance isn't available you may not be eligible for some federal business loans and grants or for some types of federal financial assistance. Mortgages may be hard to find.

**Save tax dollars.**  
Every time you hear about a flood disaster, think about what it means to the family budget. If we build smart, we'll have fewer

# Floodplain Management Resources Page

- Provides a list of bimonthly floodplain management newsletters
  - Reach out to our office if you would like to be added email list
- Assorted publications and additional resources
- Historical flood sign project page

The screenshot shows the 'Floodplain Management Resources' page on the Kansas Department of Transportation website. The page has a dark blue header with navigation links: 'About Us', 'Kansas Agriculture', 'Divisions & Programs' (highlighted in yellow), 'Public Resources', and 'Licenses'. A left sidebar contains a tree view of the site structure, with 'Floodplain Management Resources' selected and highlighted in yellow. The main content area features a breadcrumb trail: 'Divisions & Programs » Division of Water Resources » Water Structures » Floodplain Management ». Below this is the title 'Floodplain Management Resources' in large, bold, black text. To the right of the title are font size controls and a 'Share & Bookmark' link. A dark blue section titled 'KANSAS FLOODPLAIN MANAGEMENT NEWSLETTERS' contains a list of recent newsletters with dates and titles: 'August 2024 Navigating Annexations in Growing Communities, Staff Changes, 2024 ASFPM Conference', 'June 2024 Endangered Species, Residential Safe Rooms, Swimming Pools', 'April 2024 Flood Insurance Focus Group, Flood Safety Awareness Week, FEMA Hazard Mitigation Workshop', 'February 2024 New Floodplain Development Permit Template, Floodplain Mapping Open House, NFIP Community Resource Page', 'December 2023 KEMA Conference 2023, Floodplain Office Hours, New Elevation Certificate', and 'October 2023 KAFM Conference 2023, New CRS Communities. Staff Chances'.

Divisions & Programs » Division of Water Resources » Water Structures » Floodplain Management »

## Floodplain Management Resources

Font Size: [+](#) [-](#) [+ Share & Bookmark](#)

### KANSAS FLOODPLAIN MANAGEMENT NEWSLETTERS

- [August 2024](#) Navigating Annexations in Growing Communities, Staff Changes, 2024 ASFPM Conference
- [June 2024](#) Endangered Species, Residential Safe Rooms, Swimming Pools
- [April 2024](#) Flood Insurance Focus Group, Flood Safety Awareness Week, FEMA Hazard Mitigation Workshop
- [February 2024](#) New Floodplain Development Permit Template, Floodplain Mapping Open House, NFIP Community Resource Page
- [December 2023](#) KEMA Conference 2023, Floodplain Office Hours, New Elevation Certificate
- [October 2023](#) KAFM Conference 2023, New CRS Communities. Staff Chances

# National Flood Insurance Program Page

- Provides overview of the National Flood Insurance Program (NFIP)
- Links to information on:
  - Flood insurance
  - Community Rating System (CRS)
  - Letters of Map Change (LOMC)

The screenshot displays the website of the Kansas Department of Water Resources. The top navigation bar includes links for 'About Us', 'Kansas Agriculture', 'Divisions & Programs' (which is highlighted in yellow), 'Public Resources', and 'Licenses'. A left-hand sidebar menu lists various divisions and programs, with 'National Flood Insurance Program' highlighted in yellow. The main content area shows the breadcrumb trail 'Divisions & Programs » Division of Water Resources » Water Structures » Floodplain Management »' followed by the title 'National Flood Insurance Program'. Below the title, there are font size controls and a 'Share & Bookmark' link. The main text explains that the NFIP was created by Congress in 1968 to protect lives and property and reduce the financial burden of disaster assistance. It states that the NFIP offers flood insurance to homeowners, renters, and business owners if their community participates in the program. In Kansas, the NFIP is administered by the Division of Water Resources (DWR). A second paragraph mentions that DWR reviews and approves floodplain zoning ordinances before their adoption by local governing bodies and provides technical assistance to communities. The final paragraph notes that for floodplain management, incorporated cities and unincorporated areas of counties are separate entities that must separately enact and enforce floodplain management regulations, and directs users to view 'Floodsmart' for more information on risk, flood insurance, and other topics.

[About Us](#) [Kansas Agriculture](#) [Divisions & Programs](#) [Public Resources](#) [Licenses](#)

[Divisions & Programs » Division of Water Resources » Water Structures » Floodplain Management »](#)

## National Flood Insurance Program

Font Size: [+](#) [-](#) [+ Share & Bookmark](#)

The National Flood Insurance Program (NFIP) was created by Congress in 1968 to protect lives and property and to reduce the financial burden of providing disaster assistance. The NFIP offers flood insurance to homeowners, renters, and business owners if their community participates in the NFIP. Participating communities agree to adopt and enforce ordinances that meet or exceed FEMA requirements to reduce the risk of flooding. In Kansas, the NFIP is administered by the Division of Water Resources (DWR).

DWR reviews and approves floodplain zoning ordinances before their adoption by local governing bodies. It also provides technical assistance to communities to help them develop proper floodplain-related ordinances. The DWR chief engineer uses data from NFIP studies and mapping for permit and approval decisions.

For floodplain management, incorporated cities and unincorporated areas of counties are separate entities that must separately enact and enforce floodplain management regulations. For additional general information, view [Floodsmart](#) for information on risk, flood insurance, and other topics.

# NFIP Resources Page

- Provides communities with handouts and templates to use:
  - Floodplain Mapping Templates: open house notification, social media template, appeals information, etc.
  - Floodplain Development Permit Templates
  - Floodplain Management Templates: model ordinance template, public hearing notice, etc.
  - Floodplain Management Handouts: handouts for joining NFIP, hiring a survey, and filling for LOMA

The screenshot shows a web page with a dark blue header and a light blue sidebar. The header has five tabs: 'About Us', 'Kansas Agriculture', 'Divisions & Programs' (highlighted in yellow), 'Public Resources', and 'Licenses'. The sidebar is a dark blue vertical menu with a list of links. The main content area has a breadcrumb trail, a title, font size controls, a share button, a paragraph of text, and a list of four resource categories with expandable icons.

**Header:** About Us Kansas Agriculture **Divisions & Programs** Public Resources Licenses

**Breadcrumb:** Divisions & Programs » Division of Water Resources » Water Structures » Floodplain Management »

## National Flood Insurance Program (NFIP) Resources Page

Font Size: + - + Share & Bookmark

This page is designed to help NFIP participating communities in Kansas understand the complexities of the program by providing ready to use templates and resources. The page is under development, so we will be adding content and details over time.

- FLOODPLAIN MAPPING TEMPLATES** +
- FLOODPLAIN DEVELOPMENT PERMIT TEMPLATE** +
- FLOODPLAIN MANAGEMENT TEMPLATES** +
- FLOODPLAIN MANAGEMENT HANDOUTS** +

**Sidebar Menu:**

- Division of Water Resources
  - + Water Appropriation
- Water Structures
  - + Dam Safety Program
  - + Stream and Floodplain Permits
- Floodplain Management
  - + Floodplain Management Resources
  - + Mapping
  - + National Flood Insurance Program
  - + Flood Safety
  - Natural & Beneficial Floodplains
  - Mitigation
  - Contacts
  - Floodplain Management Training

**Footer:** National Flood Insurance Program (NFIP) Resources Page



# Floodplain Management Training Page

- Upcoming training
- Recent virtual training and links to recordings
- Independent Study
  - FEMA
  - KS TRAIN
- Videos
- Assorted publications
- Updated whenever new trainings are scheduled and recordings are available

+ Stream and Floodplain Permits

- Floodplain Management

+ Floodplain Management Resources

+ Mapping

+ National Flood Insurance Program

+ Flood Safety

Natural & Beneficial Floodplains

Mitigation

Contacts

Floodplain Management Training

National Flood Insurance Program (NFIP) Resources Page

+ Environmental Coordination Act

+ Interstate Rivers and Compacts

+ Managing Kansas' Water Resources

+ DWR Field Offices

Laws, Statutes & Regulations

FAQ

UPCOMING TRAINING OPPORTUNITIES -

**Violation and Enforcement Class**

This virtual course will focus on investigating alleged violations, sending notices to property owners, and meeting with violators to resolve matters. This course has been approved for 2 Continuing Education Credits (CEC).

When: September 12 at 1:30 (2 hours)

Register for the class [here](#).

**Web Resources for Floodplain Management Class**

This virtual course will focus on the web resources that the Kansas Department of Agriculture - Division of Water Resources provides to assist floodplain managers.

When: September 19 at 1:30 (1 hours)

Register for the class [here](#).

RECENT VIRTUAL TRAINING +

INDEPENDENT STUDY TRAINING OPPORTUNITIES +

VIDEOS +

ASSORTED PUBLICATIONS +

# Mapping Page

- Overview of the mapping program
- Links to the floodplain mapping projects and technical assistance projects
- Links to the Kansas BFE Portal, Kansas Current Effective Floodplain Viewer, and LOMC Viewer
- A map of the floodplain mapping status

[About Us](#) [Kansas Agriculture](#) [Divisions & Programs](#) [Public Resources](#) [Licenses](#)

[Divisions & Programs](#) » [Division of Water Resources](#) » [Water Structures](#) » [Floodplain Management](#) »

## Mapping

Font Size: [+](#) [-](#) [+ Share & Bookmark](#)

For projects that are in progress, please visit the following pages:

- [Mapping Projects](#)
- [Technical Assistance](#)

### Follow the Floodplain Current!

Stay current on our Mapping Project by checking out our phase-specific resources.

KDA-DWR Floodplain Current:

- [Kickoff Edition](#)
- [Map Review Edition](#)
- [Appeal Period Guidance](#)
- [LFD Edition](#)
- [Insurance & Mitigation Edition](#)

### Base Flood Elevation Portal

- Division of Water Resources

+ Water Appropriation

- Water Structures

+ Dam Safety Program

+ Stream and Floodplain Permits

- Floodplain Management

+ Floodplain Management Resources

- Mapping

Kansas Floodplain Map Viewer

LOMC Search

Mapping Projects

Technical Assistance

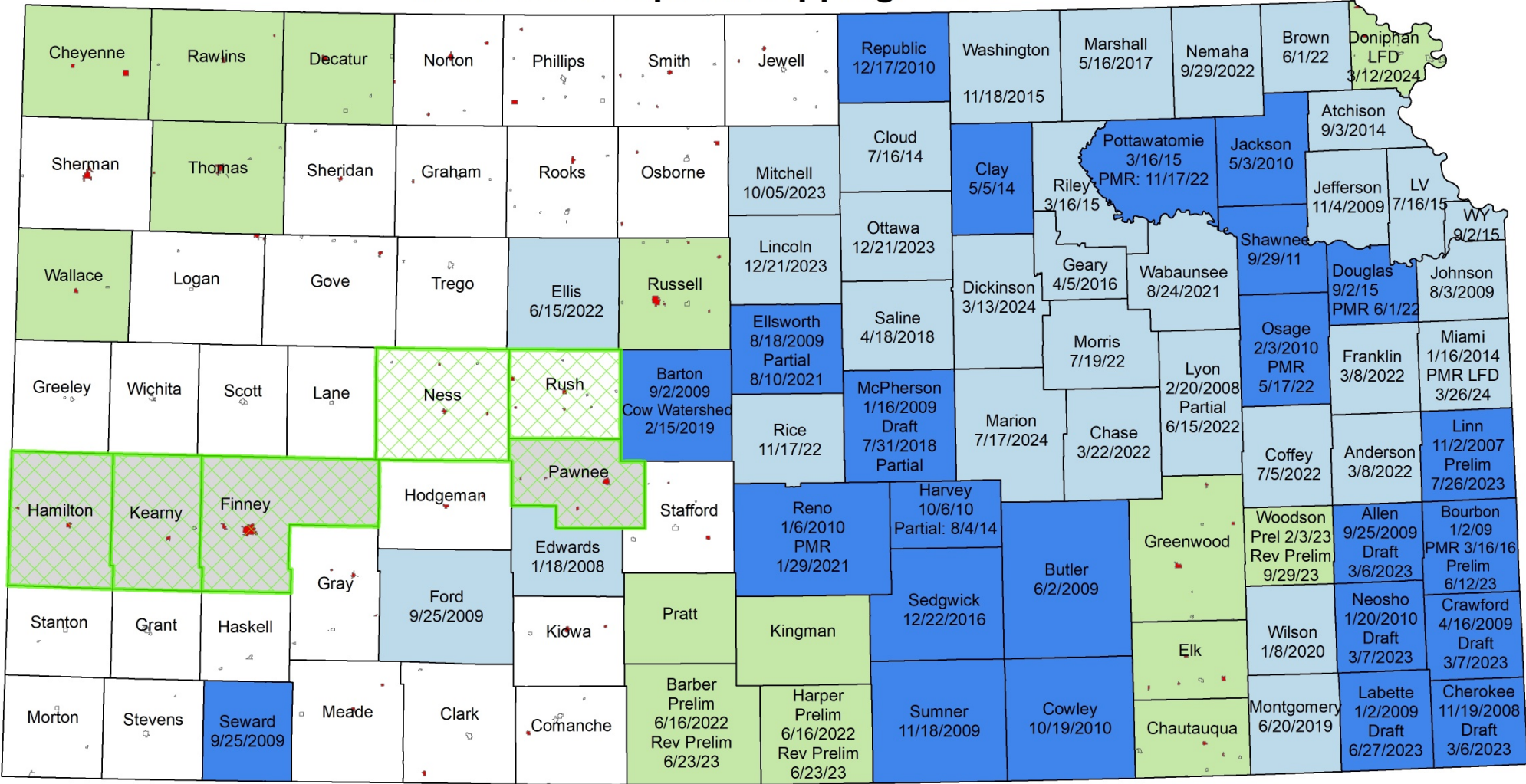
+ National Flood Insurance Program

+ Flood Safety

Natural & Beneficial Floodplains

Mitigation

# Kansas Floodplain Mapping Status



**Modernized DFIRM**

- Effective DFIRM
- Effective DFIRM with Redevelopment
- DFIRM Under Development
- 2D Planned Development FY24

**Not Modernized FIRM**

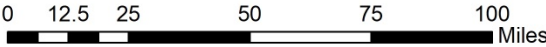
County-Wide Available

**Cities with SFHA Identified**

- Yes
- No



Dates reflect the most recent study and may vary by location within a county  
Consult the watershed map for watershed projects



July 18, 2024

# Mapping Project Page

- Links to floodplain mapping projects
- Links to the FEMA National Flood Hazard Layer and Flood Map Changes Viewer
- Embedded project status map that you can view the status of the floodplain mapping projects by county
- Reference map of ongoing projects

[About Us](#) [Kansas Agriculture](#) [Divisions & Programs](#) [Public Resources](#) [Licenses](#)

[Divisions & Programs » Division of Water Resources » Water Structures » Floodplain Management » Mapping »](#)

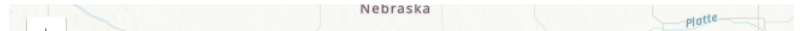
## Mapping Projects

Font Size: [+](#) [-](#) [+ Share & Bookmark](#)

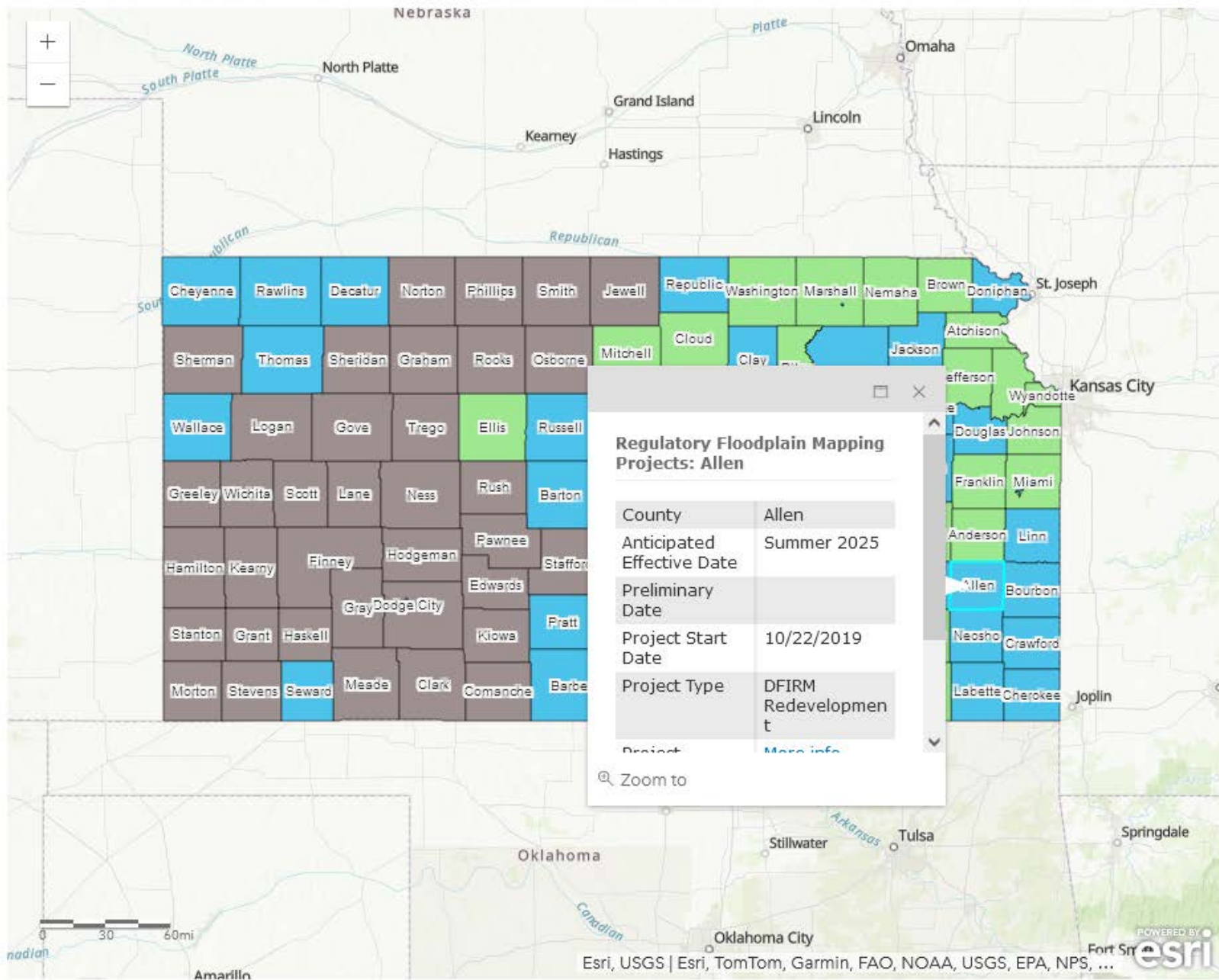
FEMA has available several services for different phases of a mapping project. Preliminary, Pending and Effective products can be downloaded on from the [Map Service Center](#). FEMA also maintains several map viewers:

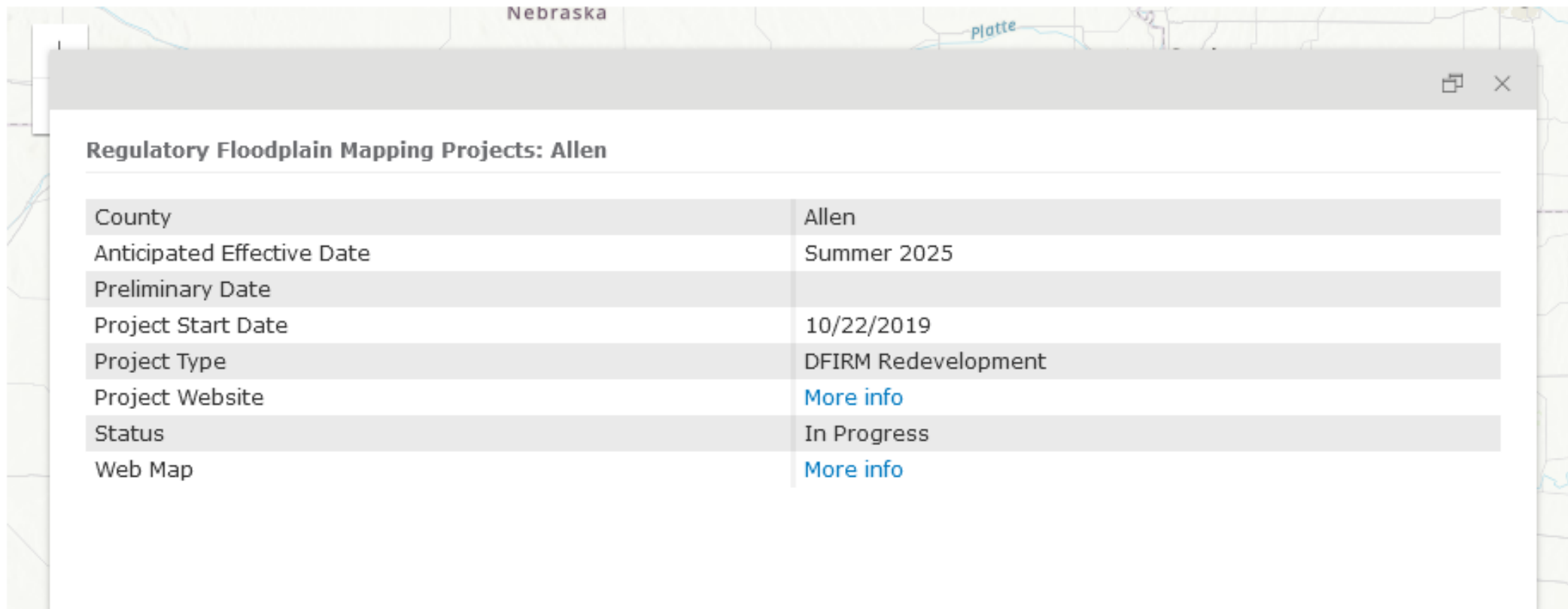
- [National Flood Hazard Layer](#)  
Displays the effective digital data
- [Flood Map Changes Viewer](#)  
Includes the Preliminary and Pending digital map data, with a Changes Since Last FIRM layer that compares the Preliminary/ Pending data with the effective data

KDA maintains project-specific map viewers for active projects that are based on the same digital data. The web links are included on the project pages below.

A map of Nebraska with a small area highlighted in blue, indicating project locations. The word "Nebraska" is written above the map, and "platte" is written below it.







The image shows a map of Nebraska with a pop-up window titled "Regulatory Floodplain Mapping Projects: Allen". The window contains a table with project details. The background map shows the state of Nebraska with a river labeled "Platte".

Regulatory Floodplain Mapping Projects: Allen	
County	Allen
Anticipated Effective Date	Summer 2025
Preliminary Date	
Project Start Date	10/22/2019
Project Type	DFIRM Redevelopment
Project Website	<a href="#">More info</a>
Status	In Progress
Web Map	<a href="#">More info</a>

# Mapping Project Page – Project Specific Pages

- Project web pages are updated at different stages
- Presentations
- County contact information
- Scoping maps
- Links to project web maps

The screenshot displays the Kansas Agriculture website with a dark blue header and a yellow 'Divisions & Programs' tab. A left sidebar lists various programs, with 'Mapping' selected under 'Floodplain Management'. The main content area features a breadcrumb trail, a title, a font size selector, a share/bookmark link, and a paragraph about the project. Below the paragraph are four links related to the Allen County project.

**About Us** **Kansas Agriculture** **Divisions & Programs** **Public Resources** **Licenses**

[Divisions & Programs](#) » [Division of Water Resources](#) » [Water Structures](#) » [Floodplain Management](#) » [Mapping](#) »

## Lower Neosho Custom (Allen, Cherokee, Crawford, Labette, Neosho & Woodson Counties)

Font Size: [+](#) [-](#) [Share & Bookmark](#)

The Lower Neosho Custom Watershed Floodplain Mapping update project kicked off on November 19, 2019. Enhanced data development began in January 2021 for Allen, Cherokee, Crawford, Labette, Neosho and Woodson Counties. Maps of the regulatory update areas are shown below. This website will be updated with relevant content as the project moves forward.

**Allen County**

[Allen County Floodplain Review Web Map](#)

[Allen County Contact Information](#)

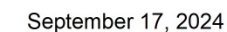
[Allen County Flood Risk Review Meeting - 3/6/2023](#)

[Allen County Data Development Kickoff - 07/13/2021](#)

**Division of Water Resources**

- + Water Appropriation
- Water Structures
  - + Dam Safety Program
  - + Stream and Floodplain Permits
- Floodplain Management
  - + Floodplain Management Resources
  - Mapping
    - Kansas Floodplain Map Viewer
    - LOMC Search
    - Mapping Projects
    - Technical Assistance
- + National Flood Insurance Program
- + Flood Safety
  - Natural & Beneficial Floodplains
  - Mitigation





## Watershed Projects

BLE Projects - In Progress

\*Not all watershed areas will be included.  
Please check with KDA for details.



# Technical Assistance Page

- KDA has FEMA funds that can be used for potential flood mitigation measures
  - Can't fund construction but can be used for modeling
- The Technical Assistance website provides links to the request form and a fact sheet about technical assistance
- Technical assistance project web pages provides an overview of the project and the final report

The screenshot displays the KDA website's navigation structure. The top header includes links for 'About Us', 'Kansas Agriculture', 'Divisions & Programs' (highlighted), 'Public Resources', and 'Licenses'. A left sidebar lists various divisions, with 'Technical Assistance' highlighted in yellow. The main content area shows the breadcrumb trail: 'Divisions & Programs » Division of Water Resources » Water Structures » Floodplain Management » Mapping ». Below this is the title 'Technical Assistance' and a 'Font Size' control. The text explains that FEMA funds for technical assistance projects are available for modeling and planning, but not for construction. It provides contact information for Joanna Rohlf and lists links to the 'Technical Assistance Request Fillable Form' and 'Technical Assistance Fact Sheet'. A section titled 'Technical Assistance Projects' lists links for Concordia, Dodge City, Garden Plain, and Gypsum.

[About Us](#) [Kansas Agriculture](#) [Divisions & Programs](#) [Public Resources](#) [Licenses](#)

[Divisions & Programs](#) » [Division of Water Resources](#) » [Water Structures](#) » [Floodplain Management](#) » [Mapping](#) »

## Technical Assistance

Font Size: [+](#) [-](#) [+](#) [Share & Bookmark](#)

FEMA Funds for technical assistance projects have come available in recent Cooperating Technical Partner (CTP) funding cycles. These projects do not include funding for construction of projects, but they can be utilized for modeling mitigation scenarios for possible projects. These funds can be applied for grant-related purposes, ordinance or code support, engineering and analysis, planning, outreach and education. Communities within Kansas can apply for Technical Assistance support through KDA, though priority will be given where there are active [mapping projects](#). For questions, please contact [Joanna Rohlf](#) via email, or by phone at 785-296-7769.

- [Technical Assistance Request Fillable Form](#)
- [Technical Assistance Fact Sheet](#)

### Technical Assistance Projects

- [Concordia](#)
- [Dodge City](#)
- [Garden Plain](#)
- [Gypsum](#)

# Technical Assistance

## OVERVIEW

Technical Assistance (TA) should be used to encourage communities to carry out hazard mitigation plans (HMPs). It can also help them advance actions that are supported by the Risk Mapping, Assessment and Planning and mitigation programs. Below are examples of TA project types and activities.

**Please note: This is not an all-inclusive list.**

Contact the Kansas Department of Agriculture's Division of Water Resources to learn more.

CATEGORY	EXAMPLES OF ACTIVITIES
ENGINEERING AND FEASIBILITY ANALYSES	<ul style="list-style-type: none"><li>✓ Carry out feasibility analysis and technical studies to help advance projects in the HMP</li><li>✓ Collect data and perform modeling scenarios for theoretical flood impacts and mitigation measures for riverine storage and levee applications like:<ul style="list-style-type: none"><li>• Add more detail to FEMA floodplain maps</li><li>• Assess hydrology methods for the 1% annual chance event</li><li>• Detention and retention facilities that expand storage and reduce flooding</li><li>• Develop materials to support design plans</li><li>• Evaluate future land use conditions on flooding</li><li>• Risk-based planning analysis for dams and levees</li><li>• Stream modifications to reduce flooding, including culvert improvements, stream restoration, and channelization</li></ul></li><li>✓ Complete enhanced flood risk products that include:<ul style="list-style-type: none"><li>• Erosion and scouring analyses</li><li>• Insurance coverage heat maps</li><li>• Sinkhole analysis</li><li>• Structure-based risk assessments</li><li>• Velocity grids</li><li>• Stormwater analysis</li></ul></li><li>✓ Conduct healthy soil analysis that will determine how changes in soil characteristics from regenerative agriculture practices can influence flood risk.</li><li>✓ Gather data to perform modeling and hydrogeologic evaluations that support aquifer storage and recovery projects.</li><li>✓ Sponsor and carry out mitigation actions through activities such as capability assessment; gap analysis; and process, change and project management.</li></ul>

## TA CONSIDERATIONS

- Activities funded under this task are to help local governments prepare to undertake or plan for water resource-related mitigation activities.
- They must be coordinated with state agencies and FEMA regional offices. This will ensure the technical assistance is not duplicated in other tasks within the CTP program or other mitigation planning grants.
- Recipients must ensure that proposed technical assistance activities focus on support related to community engagement, risk communication and mitigation action.
- The funds cannot be used to develop a mitigation plan or complete an official FEMA BCA.
- The funds cannot be used to support the construction of projects; they can be used for modeling mitigation scenarios for possible projects.
- There is no local cost share requirement.
- A State Contractor will be provided; recipients will not have to source or fund one.

CATEGORY	EXAMPLES OF ACTIVITIES
PLANNING AND POLICY	<ul style="list-style-type: none"><li>✓ Assess risk for hazard decision support, including Hazus or other methods.</li><li>✓ Coordinate watershed planning efforts.</li><li>✓ Establish floodplain ordinances with higher standards; improve building codes to include floodplain management and nature-based mitigation requirements.</li><li>✓ Include natural hazards in all relevant areas of community planning: comprehensive plans; capital improvement plans; stormwater management plans; parks and open space plans; and transportation plans.</li><li>✓ Incorporate nature-based applications into Stormwater Management Plans and floodplain management.</li><li>✓ Integrate the Community Rating System into mitigation plans and floodplain ordinances.</li></ul>
MITIGATION GRANT APPLICATION DEVELOPMENT	<ul style="list-style-type: none"><li>✓ Create and maintain a database of federal and state hazard mitigation grants.</li><li>✓ Develop scopes of work, schedules and budgets for a successful mitigation activity grant application. Funds may not be used to develop, submit or execute a grant proposal on behalf of the community.</li><li>✓ Identify, capture and document the data to run a benefit cost analysis (BCA). Provide training and assistance on BCA development.</li></ul>
OUTREACH AND COORDINATION	<ul style="list-style-type: none"><li>✓ Produce a Story Map for flood awareness and mitigation measures.</li><li>✓ Provide educational material and update social media content to raise awareness and engagement on topics like:<ul style="list-style-type: none"><li>• Floodplain management and insurance</li><li>• Healthy soils</li><li>• Aquifer storage and recovery</li><li>• Dam safety and levee protection</li><li>• Hazard mitigation</li></ul></li></ul>
TRAINING	<ul style="list-style-type: none"><li>✓ Host training for community officials on map changes, flood risk awareness, and mitigation options for residents.</li><li>✓ Offer FEMA Hazard Mitigation Assistance grant development and BCA training and technical support.</li></ul>

For more information, please contact the Kansas Department of Agriculture:

Cheyenne Sun Eagle  
Phone: 785-276-9359  
Email: [cheyenne.suneagle@ks.gov](mailto:cheyenne.suneagle@ks.gov)

Joanna Rohlf  
Phone: 785-221-3809  
Email: [joanna.rohlf@ks.gov](mailto:joanna.rohlf@ks.gov)



FEMA

Topeka Field Office  
1131 SW Winding Rd, Suite 400  
Topeka, KS 66615



Phone: 785-296-5733  
[www.agriculture.gov](http://www.agriculture.gov)

Mike Beam, Secretary

Laura Kelly, Governor

### Risk MAP Technical Assistance Request Form

Since the Kansas Department of Agriculture (KDA) is a Cooperating Technical Partner (CTP) with FEMA, KDA can request Technical Assistance (TA) funds from FEMA to support community's planning efforts to mitigate flood risk in Kansas communities. KDA is not guaranteed a certain amount but is invested in requesting funding to consider options that support flood risk reduction efforts. To find out more about the types of technical assistance projects that are allowed, please refer to the [TA Fact Sheet](#).

Name: \_\_\_\_\_ Community: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_

Type of Technical Assistance	Notes
<input type="checkbox"/> Grant Assistance	
<input type="checkbox"/> Ordinance/Code Support	
<input type="checkbox"/> Engineering & Analysis	
<input type="checkbox"/> Planning	
<input type="checkbox"/> Community Outreach & Education	
<input type="checkbox"/> Other	

Why is your community requesting TA support?

Topeka Field Office  
1131 SW Winding Rd, Suite 400  
Topeka, KS 66615



Phone: 785-296-5733  
[www.agriculture.gov](http://www.agriculture.gov)

Mike Beam, Secretary

Laura Kelly, Governor

Has your community had a previous TA support project through this program? ☐ Yes ☐ No

If so, how has your community utilized that support?

Does your community participate in the National Flood Insurance Program? ☐ Yes ☐ No

Has your community had a floodplain ordinance review/discussion (Community Assistance Contact (CAC) or Community Assistance Visit (CAV)) with FEMA or KDA within the past three years?

☐ Yes ☐ No ☐ Not sure

If no or unsure, would your community be open to a floodplain ordinance discussion? ☐ Yes ☐ No

TA funds cannot be used for construction/implementation purposes. If a feasible project is found through a TA project, please indicate what types of funding sources your community would consider pursuing for implementation.

Funding type	Notes
<input type="checkbox"/> Federal Grants (i.e. BRIC, HM/GP)	
<input type="checkbox"/> USACE support	
<input type="checkbox"/> Other grants	
<input type="checkbox"/> Community funds	
<input type="checkbox"/> Tax levy	
<input type="checkbox"/> Other (please describe)	

Please describe any other information that you feel may be relevant to this request:

Please send requests to:

Cheyenne Sun Eagle, CFM  
NFIP Coordinator  
785-276-9359  
[cheyenne.suneagle.ks.gov](mailto:cheyenne.suneagle.ks.gov)

Joanna Rohlf, GISP, CFM  
Floodplain Mapping  
Coordinator 785-221-3809  
[joanna.rohlf@ks.gov](mailto:joanna.rohlf@ks.gov)

## Other Pages

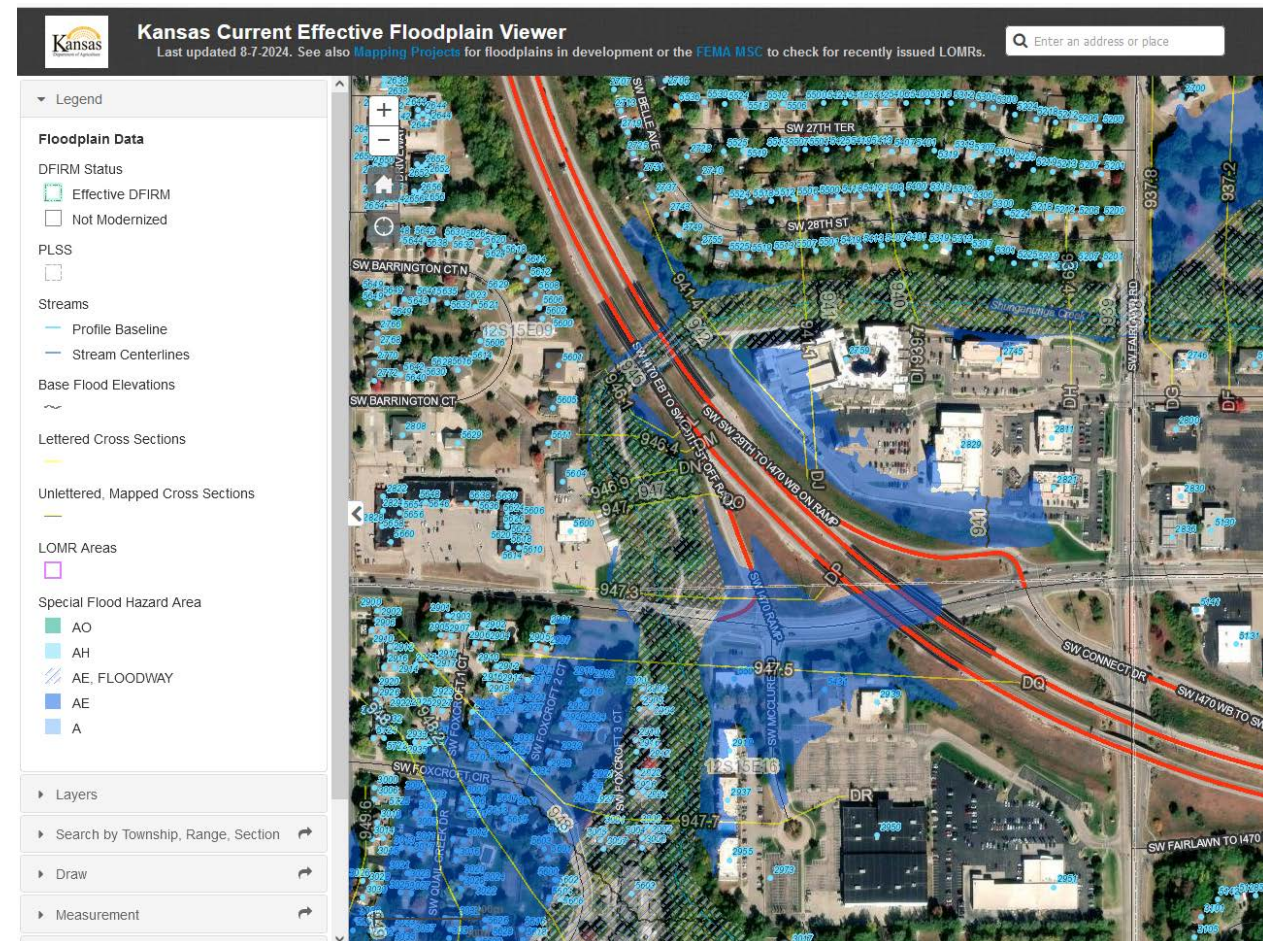
- The Flood Safety page provides information on flood safety
- The Natural and Beneficial Functions page provide information on the beneficial functions of natural floodplain
- The Mitigation page provides information on flood mitigation
- The Floodplain Contacts page provide contact information for KDA and the floodplain management staff along with other important contacts

# Web Maps



# Web Maps

- KDA has developed web map provide flood risk information and project information
- These maps are updated periodically whenever new data is available



# Web Maps

- The Kansas Current Effective Floodplain Viewer show the current effective FEMA floodplains in Kansas
- <https://gis2.kda.ks.gov/gis/ksfloodplain/>
- Includes the important layers: SFHA, Lettered Cross-section, LOMR areas, etc.
- Georeferenced paper FIRMs are also shows for communities without effective digital maps
- Print, draw, and measure tools and can search by address or Township Range and Section





# Kansas Current Effective Floodplain Viewer

Last updated 8-7-2024. See also [Mapping Projects](#) for floodplains in development or the [FEMA MSC](#) to check for recently issued LOMRs.

Q

Enter an address or place

Help

Legend

Floodplain Data

DFIRM Status

- ☒ Effective DFIRM
- ☐ Not Modernized

Layers

Search by Township, Range, Section

Draw

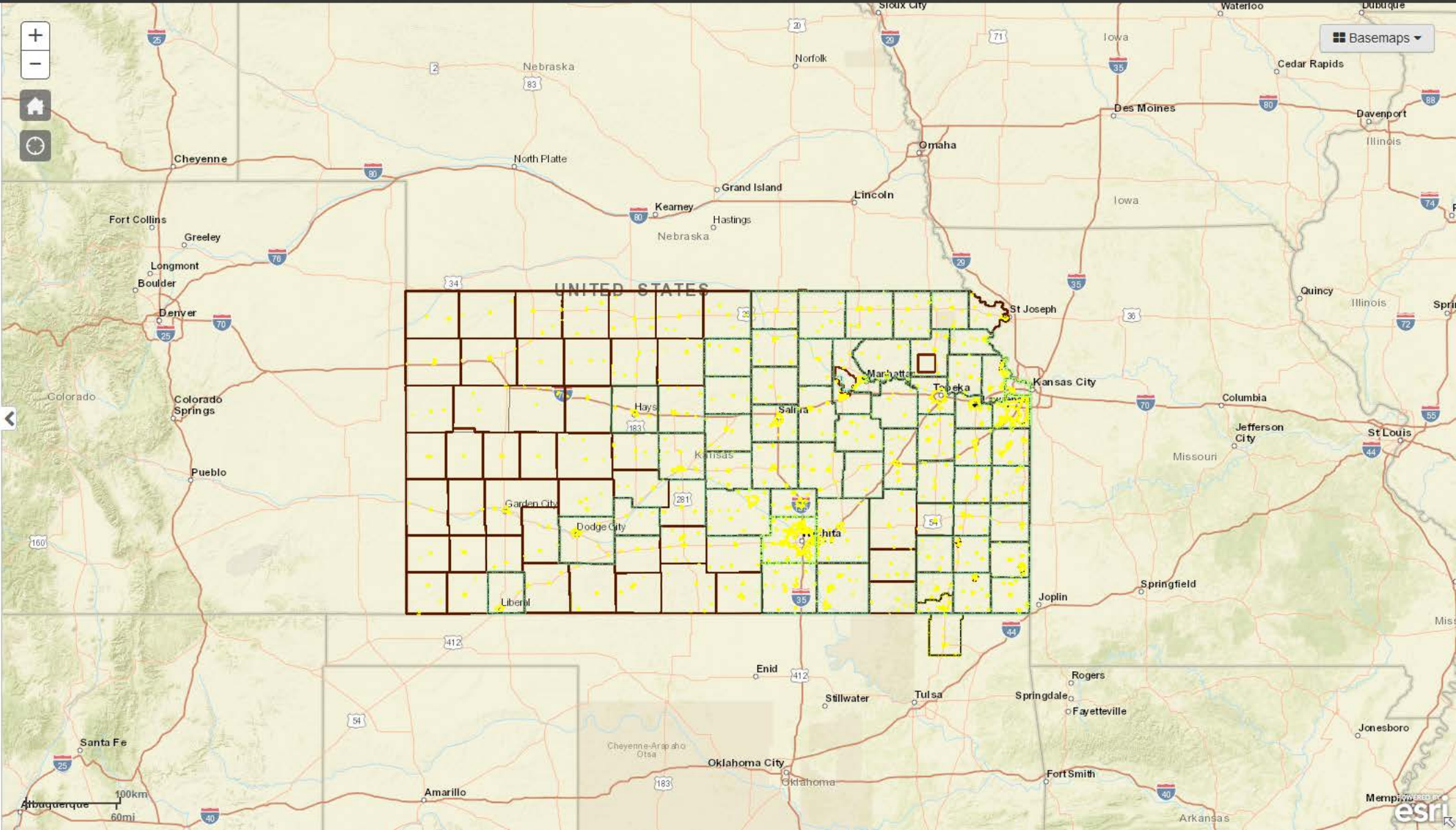
Measurement

Print

Directions

Google Street View

Save/Share Current Map







# Kansas Current Effective Floodplain Viewer

Last updated 8-7-2024. See also [Mapping Projects](#) for floodplains in development or the [FEMA MSC](#) to check for recently issued LOMRs.

Enter an address or place

Help

Legend

Floodplain Data

DFIRM Status

- Effective DFIRM
- Not Modernized

PLSS



Streams

- Profile Baseline
- Stream Centerlines

Base Flood Elevations



Lettered Cross Sections



Unlettered, Mapped Cross Sections



LOMR Areas



Special Flood Hazard Area

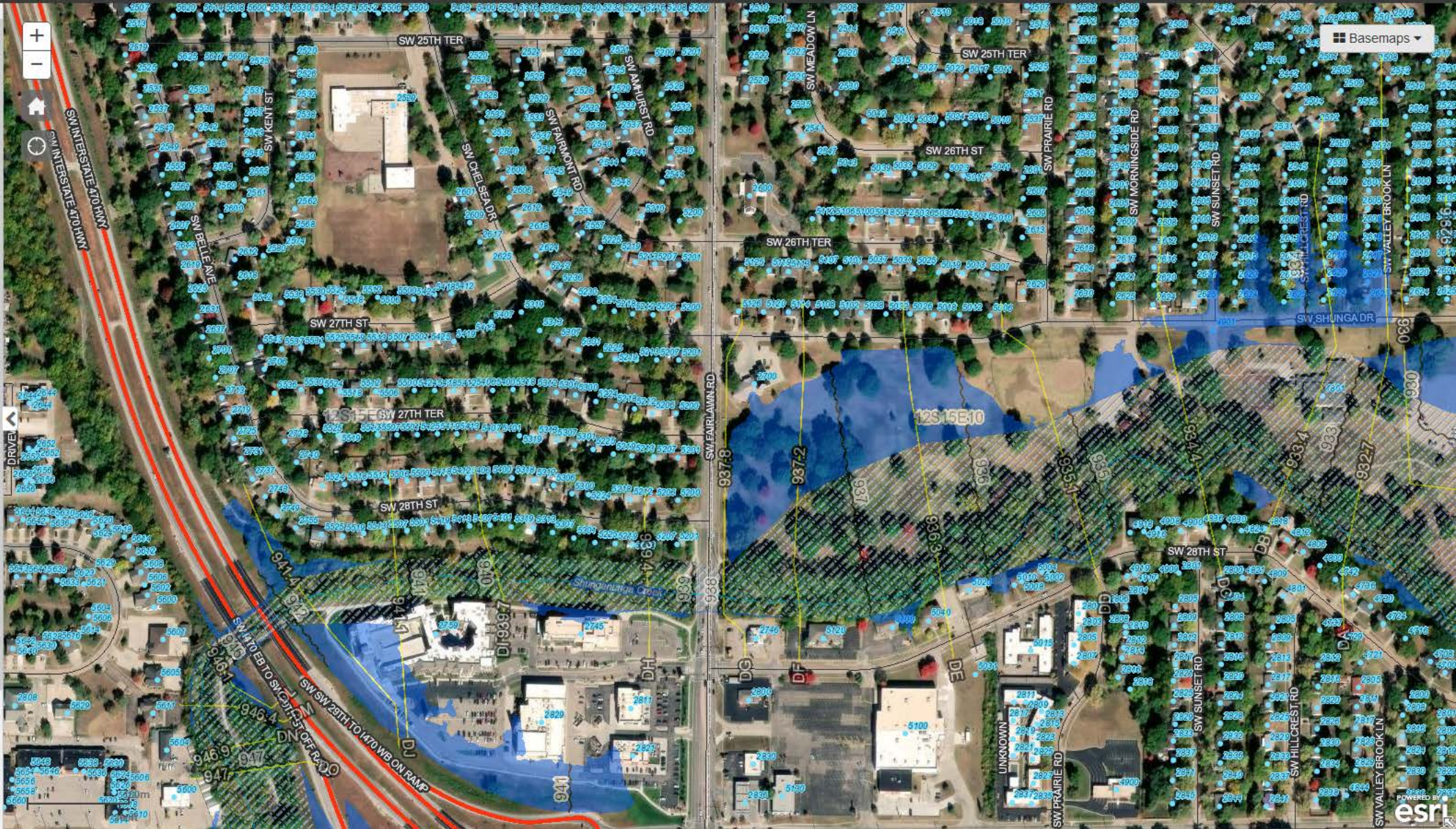
- AO
- AH
- AE, FLOODWAY
- AE
- A

Layers

Search by Township, Range, Section ↗

Draw ↗

Measurement ↗







# Kansas Current Effective Floodplain Viewer

Last updated 8-7-2024. See also [Mapping Projects](#) for floodplains in development or the [FEMA MSC](#) to check for recently issued LOMRs.

Q Enter an address or place

Help

## Legend

### Floodplain Data

#### DFIRM Status

- ☒ Effective DFIRM
- ☐ Not Modernized

#### PLSS



#### Streams

- Profile Baseline
- Stream Centerlines

#### Base Flood Elevations



#### Lettered Cross Sections



#### Unlettered, Mapped Cross Sections



#### LOMR Areas



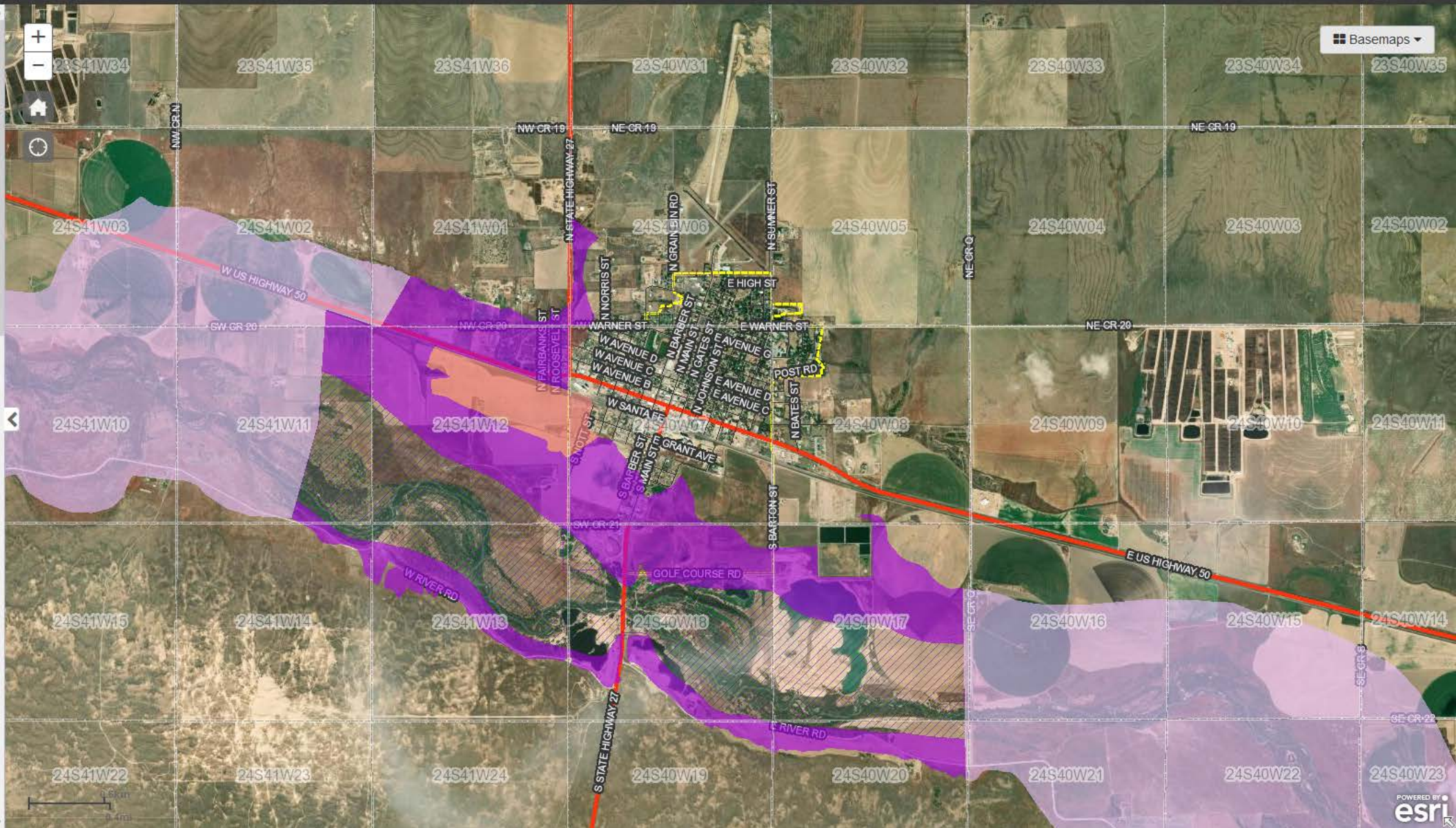
#### Special Flood Hazard Area

- AO
- AH
- AE, FLOODWAY
- AE
- A

### Digitized Paper Maps

#### Digitized Floodplains

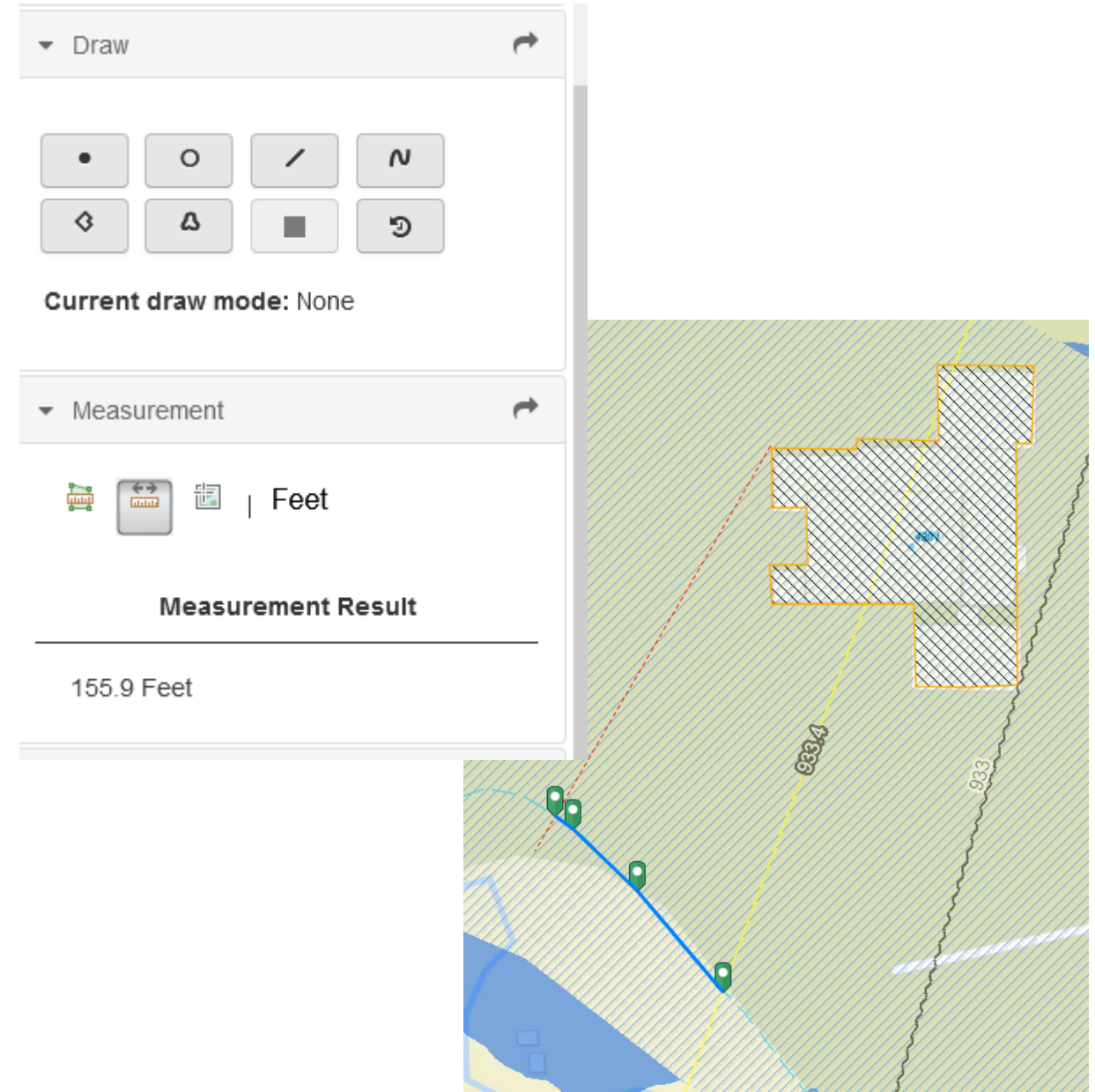
- Zone A
- Zone AE (or numbered A Zone)
- Floodway
- Zone AH
- Zone AO





# Web Maps

- The drawing tool allows you to draw lines and polygons on the web map
- The measurement tool allows you to measure distances and areas
- You can use these tools to help with calculating a BFE using a flood insurance study report and flood profile



# Web Maps

- The Print tool allows you to export a map of the area that you are viewing
  - Title the map
  - File format
  - Layout

▼ Print

Title:

Viewer Map

Format:

PDF

▼


Layout:

Letter ANSI A Landscape

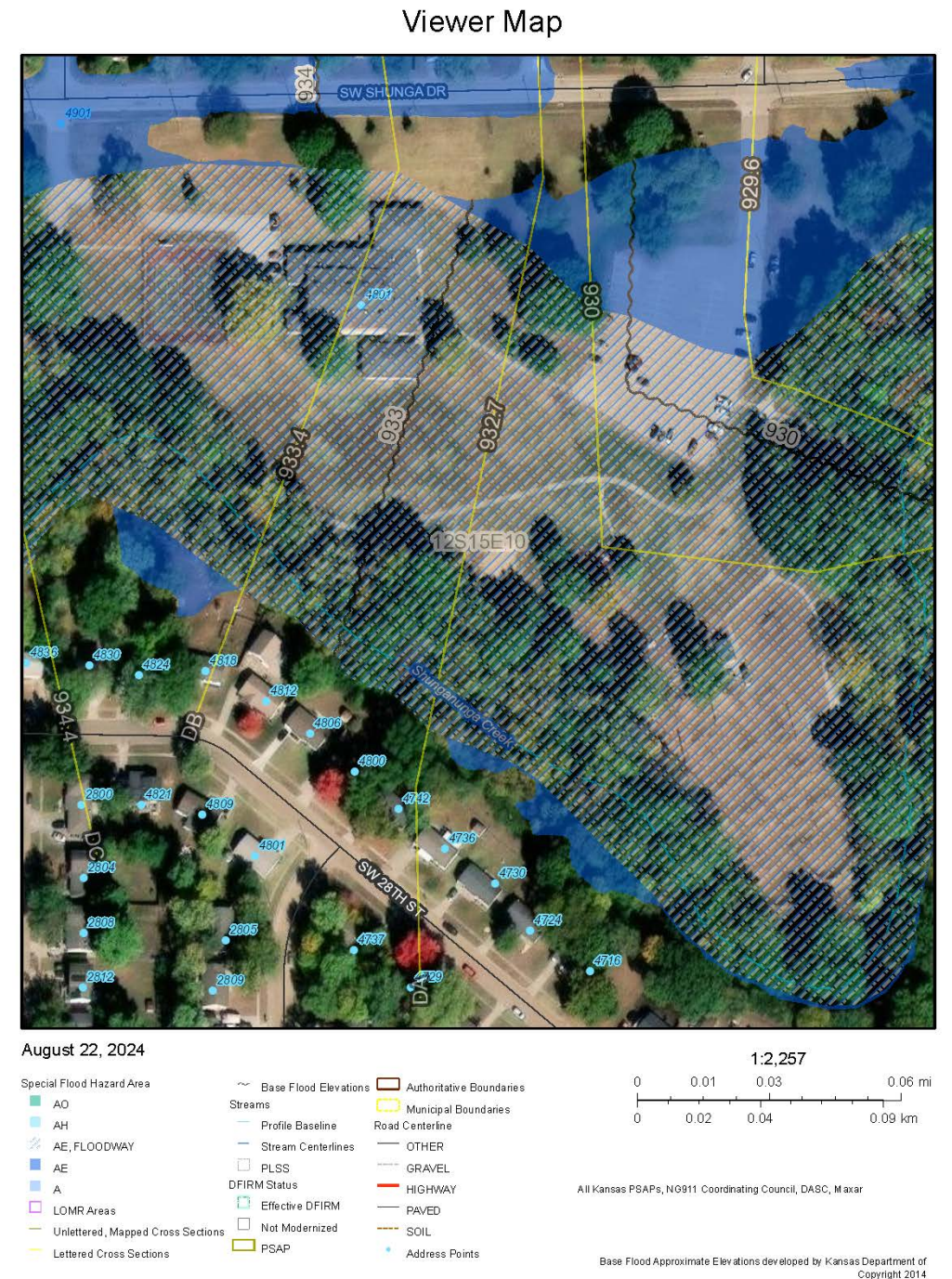
▼

⚙ Settings ▼

🖨 Print

1.  **Viewer Map**

↺ Clear Print History



# Web Maps

- The Letter of Map Change (LOMC) web map allows for searching and downloading LOMCs issued in Kansas
- <https://gis2.kda.ks.gov/gis/kslomc/>
- Can search by address or by LOMC case number



# Letters of Map Change

Visit the [FEMA Map Service Center](#) for LOMRs and to verify LOMC Validity using the community SOMA.  
 This map shows LOMAs filed in or after 2000. Updated through July 2024. Contact [KDA](#) for help with prior LOMAs.

[Help](#)

Legend

**LOMC**  
 Letters of Map Amendment  

- ★ CLOMA
- ★ CLOMR-F
- ⊗ CLOMR-F-DEN
- ★ LOMA
- ✕ LOMA-DEN
- ★ LOMA-OAS
- ★ LOMR-F
- ⊕ LOMR-F-DEN
- ★ LOMR-FW

Layers

Identify

Search for Letters of Map Change

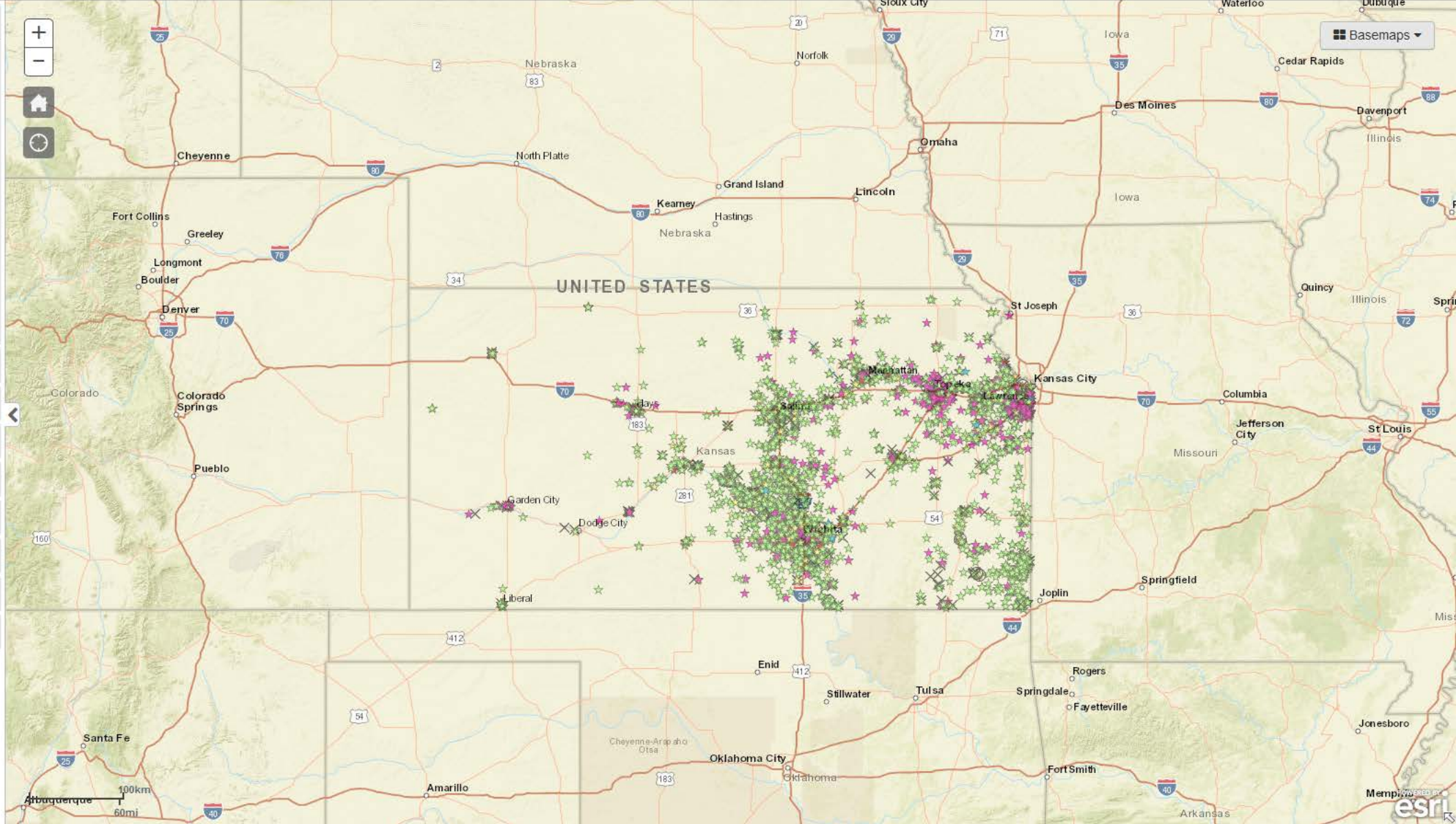
Draw

Measurement

Print

Directions

Google Street View



# Letters of Map Change

Visit the [FEMA Map Service Center](#) for LOMRs and to verify LOMC Validity using the community SOMA.  
 This map shows LOMAs filed in or after 2000. Updated through July 2024. Contact [KDA](#) for help with prior LOMAs.

## Legend

### LOMC

#### Letters of Map Amendment

- ★ CLOMA
- ★ CLOMR-F
- ⊗ CLOMR-F-DEN
- ★ LOMA
- × LOMA-DEN
- ★ LOMA-OAS
- ★ LOMR-F
- ⊕ LOMR-F-DEN
- ★ LOMR-FW

## Layers

## Identify

## Search for Letters of Map Change

Search for:

☐ Find exact matches only

Clear

Search

1 Result found

Case Number	Document
11-07-2012A	<a href="http://gis2.kda.ks.gov/misc/County/LOMC/Shawnee/LOMC\11-07-2012A-205187.pdf">http://gis2.kda.ks.gov/misc/County/LOMC/Shawnee/LOMC\11-07-2012A-205187.pdf</a>



SW Exoduster Blvd

Basemaps

SW Exoduster Blvd

Letters of Map Change

Case Number:11-07-2012A

Type:LOMA

County:SN

[View Document](#)

[Zoom to](#)

# Web Maps

- Every KDA floodplain mapping project will have a project web map
- Allows for display draft data to communities and for taking comments
- Update throughout the lifecycle of the project whenever new data is available
- Draft data: floodplains (SFHA and 500-year), Cross-sections, Zone A BFA's, LOMC's, streams, and Change Since Last FIRM (CSLF)
- CSLF shows the changes between the effective floodplains and the draft floodplains





# Sedgwick County PMR Floodplain Mapping Project

Draft floodplain mapping data updated 8/9/2024. View the current effective floodplain data on the [Kansas Effective Floodplain Viewer](#).

Help

Legend

Sedgwick County PMR Floodplain Data

Sedgwick County Boundary

Draft Floodway - 8/5/2024

Draft Changes Since Last FIRM - 8/5/2024

Floodplain Increase

Floodplain Decrease

Floodplain Remain - Neither Increase or Decrease

Comments

Layers (Click to expand)

Editor

Leave Comment

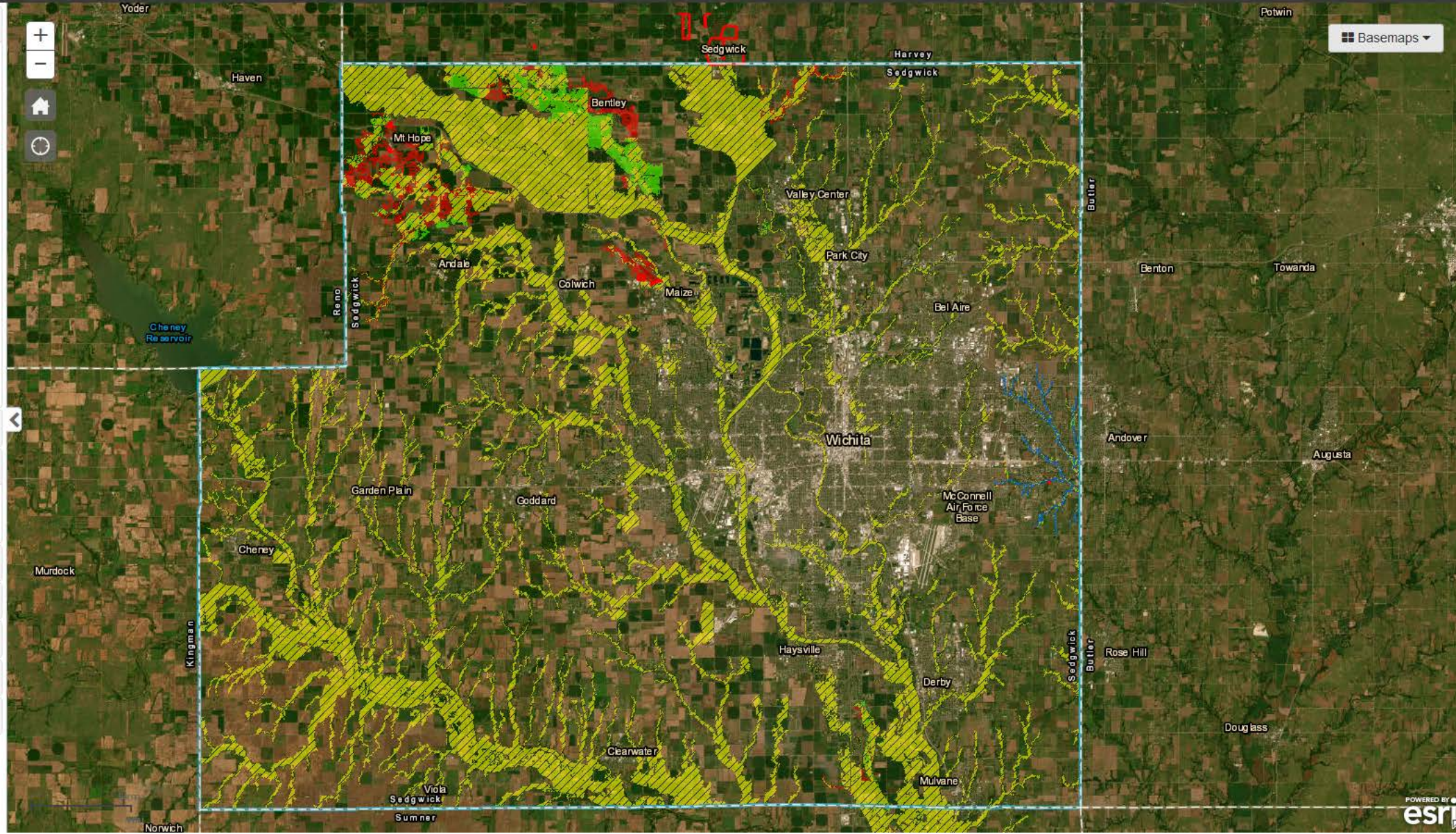
Draw

Measurement

Print

Directions

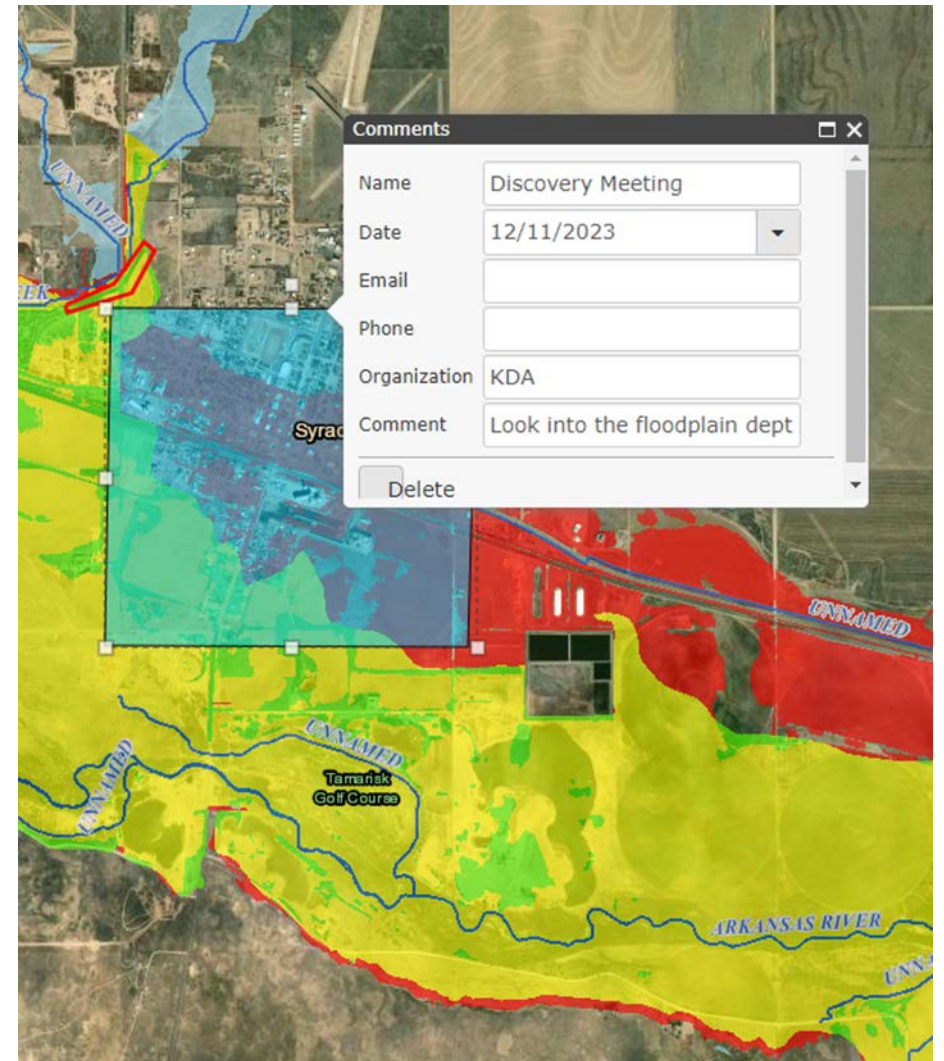
Google Street View





# Web Maps

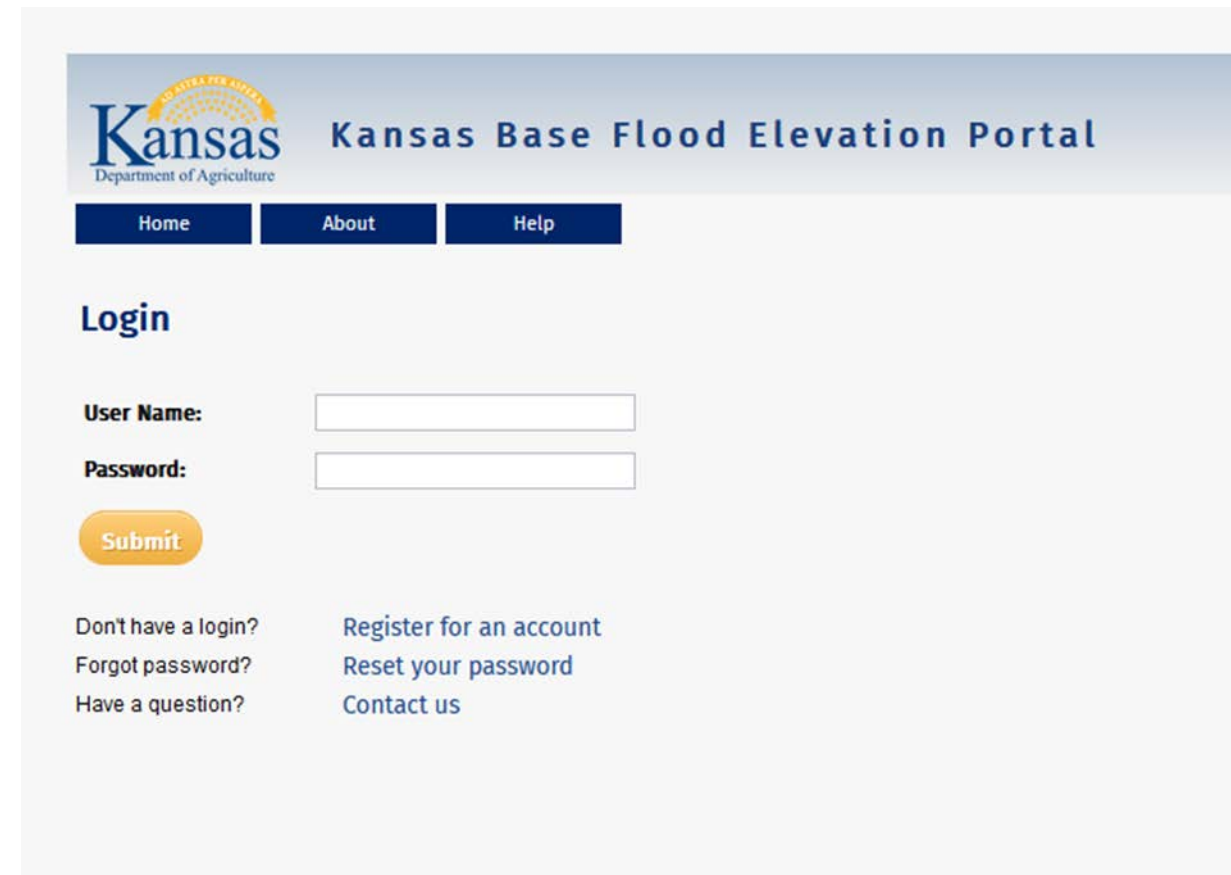
- The commenting feature is used to collect feedback on the draft floodplains:
  - Kickoff meeting
  - Flood Risk Review meeting
  - Public open house
- The comments are used to improve the floodplain modeling



# Kansas Base Flood Elevation Portal

# Kansas BFE Portal

- Free service to provide BFE values for Zone A floodplains
- Partnership between KDA and Kansas Data Access and Support Center (DASC)
- Launched on October 1, 2017
- [http://maps.kgs.ku.edu/fpm\\_bfe/login.cfm](http://maps.kgs.ku.edu/fpm_bfe/login.cfm)



The screenshot shows the login interface of the Kansas Base Flood Elevation Portal. At the top, there is a header with the Kansas Department of Agriculture logo and the portal title. Below the header is a navigation bar with 'Home', 'About', and 'Help' links. The main section is titled 'Login' and contains input fields for 'User Name' and 'Password', followed by a 'Submit' button. At the bottom, there are links for 'Don't have a login?', 'Forgot password?', 'Have a question?', 'Register for an account', 'Reset your password', and 'Contact us'.

**Kansas**  
Department of Agriculture

**Kansas Base Flood Elevation Portal**

[Home](#) [About](#) [Help](#)

**Login**

**User Name:**

**Password:**

[Submit](#)

[Don't have a login?](#) [Register for an account](#)  
[Forgot password?](#) [Reset your password](#)  
[Have a question?](#) [Contact us](#)

# Kansas BFE Portal

- Requests can be for:
  - LOMA
  - Elevation Certificate
  - New Construction
  - LiDAR
  - Information Purpose
- Can request floodplain models but a new dedicated model download service is being developed

The image displays two screenshots of the 'Area of Interest' form from the Kansas BFE Portal, overlaid on a map background.

**Top Screenshot:** The form is titled 'Area of Interest' and contains the following fields:

- Object ID: 367223
- Address: (empty)
- Purpose: (dropdown menu)
- User: 2621
- Note: (empty)

At the bottom of the form are two buttons: 'Delete' and 'Save'.

**Bottom Screenshot:** This screenshot shows the same form, but the 'Purpose' dropdown menu is open, revealing the following options:

- LOMA Application
- Elevation Certificate
- New Construction
- LiDAR Elevation Only
- Informational Purposes
- Model Request

May 20, 2024

Re: Base Flood Elevation Determination  
4107 3rd St., Great Bend

Dear ,

This is in response to your request for a Base Flood Elevation (BFE) for the property at 4107 3rd St., Great Bend. The subject property is mapped within Zone A on panel 20009C0510D with the current effective date of 9/2/2009. The base flood elevation for the subject property is 1858.3 Feet NAVD 88. Attached is a map of the property. The BFE calculation was developed using excess rainfall-on-grid hydrology and 2-D HEC-RAS hydraulics that utilized high resolution LiDAR data as the ground elevation source. This is draft data, and the BFE values are subject to increase or decrease as the mapping project progresses.

Based on the LiDAR, the approximate Lowest Adjacent Grade (LAG) for the user drawn polygon is 1858.5 Feet NAVD 88. LiDAR data is believed to be accurate to within a foot of actual ground elevation barring any land changes. This data is provided as a reference only and is not survey grade accurate and cannot be used in FEMA Letter of Map Amendment (LOMA) Applications.

Larger floods than the 1% event are possible and the source modeling for the BFE was developed using approximate methods. Structures located above the determined BFE are not guaranteed to be safe from flooding. The Kansas Department of Agriculture, Division of Water Resources recommends purchasing flood insurance. Talk to your insurance agent for more details.



Panel	Panel Type	Firm Panel	Effective Date
0510	CW	20009C0510D	9/2/2009

Sincerely,



Keegan Schwartz  
Floodplain Outreach Specialist  
Division of Water Resources

# Kansas BFE Portal

- After KDA completes the request, a letter is provided with the BFE value and the Lowest Adjacent Grade (LAG)
- The LAG is LiDAR based and is not considered survey grade accurate

# Kansas BFE Portal

- DASC completed updates to the Kansas BFE Portal Map
  - Makes the design cleaner
  - 2-foot LiDAR ground elevation contours





# Kansas Base Flood Elevation Portal

Please visit the [Mapping Projects Page](#) to view floodplains in development.

[Home](#)[About](#)[Help](#)[Admin](#)[Move](#)[Report](#)[Letters](#)[Mon. Summary](#)[Map](#)[Request History](#)[User Profile](#)[Log Out](#)

Draw Property ?

Find Address

Find address or plac



Layers

Legend

Search Sec, Twp, Rng

Measurement



Switch Basemap

Close

Trace the boundary of the structure using the aerial imagery as your guide.  
Try to follow the boundary precisely.



☐ Don't show again

Older Map

All Kansas PSAPs, NG911 Coordinating Council, DASC | Earthstar Geographics

POWERED BY  
**esri**



[Home](#)[About](#)[Help](#)[Admin](#)[Move](#)[Report](#)[Letters](#)[Mon. Summary](#)[Map](#)[Request History](#)[User Profile](#)[Log Out](#)

## 1. BFE Request Information

Notes :

Address :

Purpose : Informational Purposes ▼

City :  ▼

## 2. Draw Property



Search : Sec Twp Rng Dir W ▼

Measure :   

☐ Basemap ☐ Legend ☐ Print

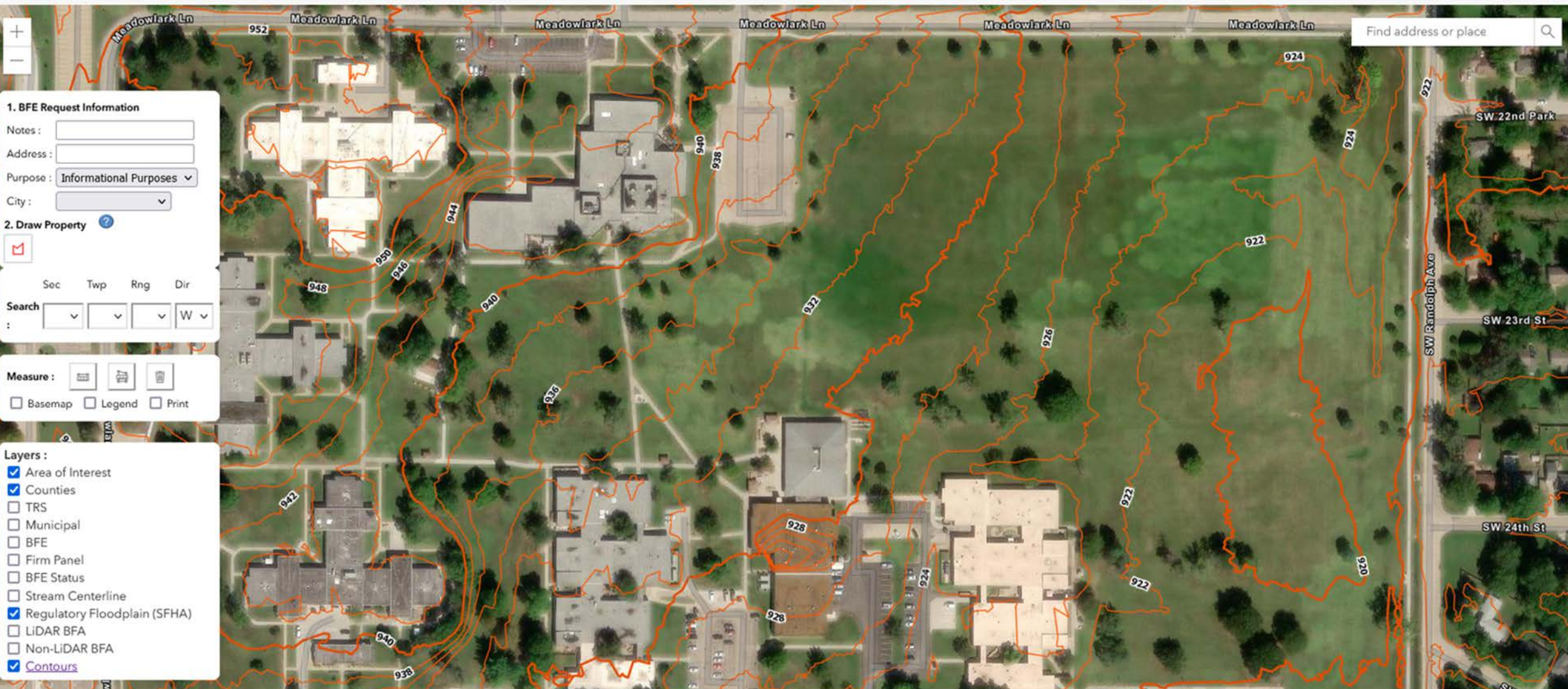
## Layers :

- ☒ Area of Interest
- ☒ Counties
- ☐ TRS
- ☒ Municipal
- ☐ BFE
- ☐ Firm Panel
- ☐ BFE Status
- ☐ Stream Centerline
- ☐ Regulatory Floodplain (SFHA)
- ☐ LiDAR BFA
- ☐ Non-LiDAR BFA
- ☐ [Contours](#)

New Map





Find address or place



# THANK YOU

Bill Pace, CFM

Floodplain Mapping Specialist

[William.Pace@ks.gov](mailto:William.Pace@ks.gov)