

Updates on Texas's First Ever Statewide Flood Planning Effort

USACE Stakeholder Meeting

August 11, 2021



Memorial Day flood 2015. Shoal Creek, House Park, Austin, Texas



1935 Flood, Downtown Austin, Texas

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Purpose

- 86th legislature senate bill 8 directs TWDB to develop a state flood plan, which must:
 - provide for orderly preparation for and response to flood conditions **to protect against the loss of life and property;**
 - be a guide to state and local flood control policy; and
 - contribute to water development where possible.

About Regional Flood Planning

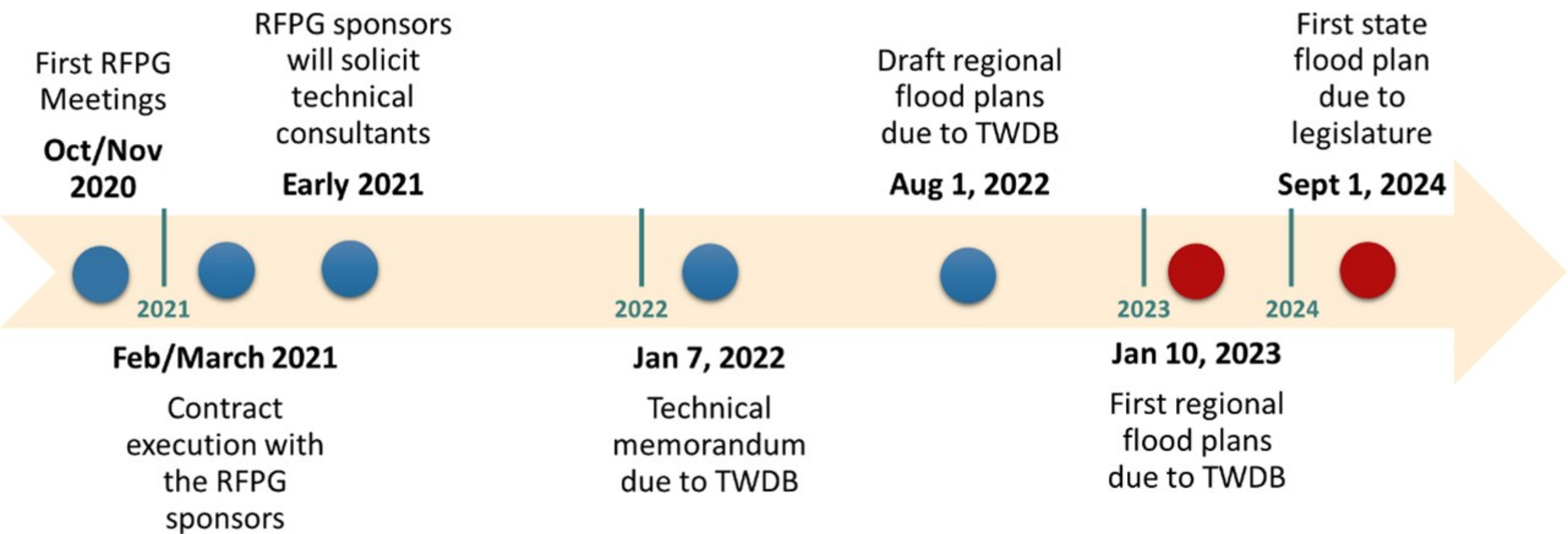
- First-of-its-kind statewide flood plan
- Watershed-based planning regions
- Bottom-up approach to flood planning
- Transparent process with public input
 - *Over 140 public meetings held since October 2020*
- Volunteer members representing interest categories
 - *Over 600 nominations received for initial 180 voting positions*



Find your RFPG Information, Meeting Schedules & Important Documents here:

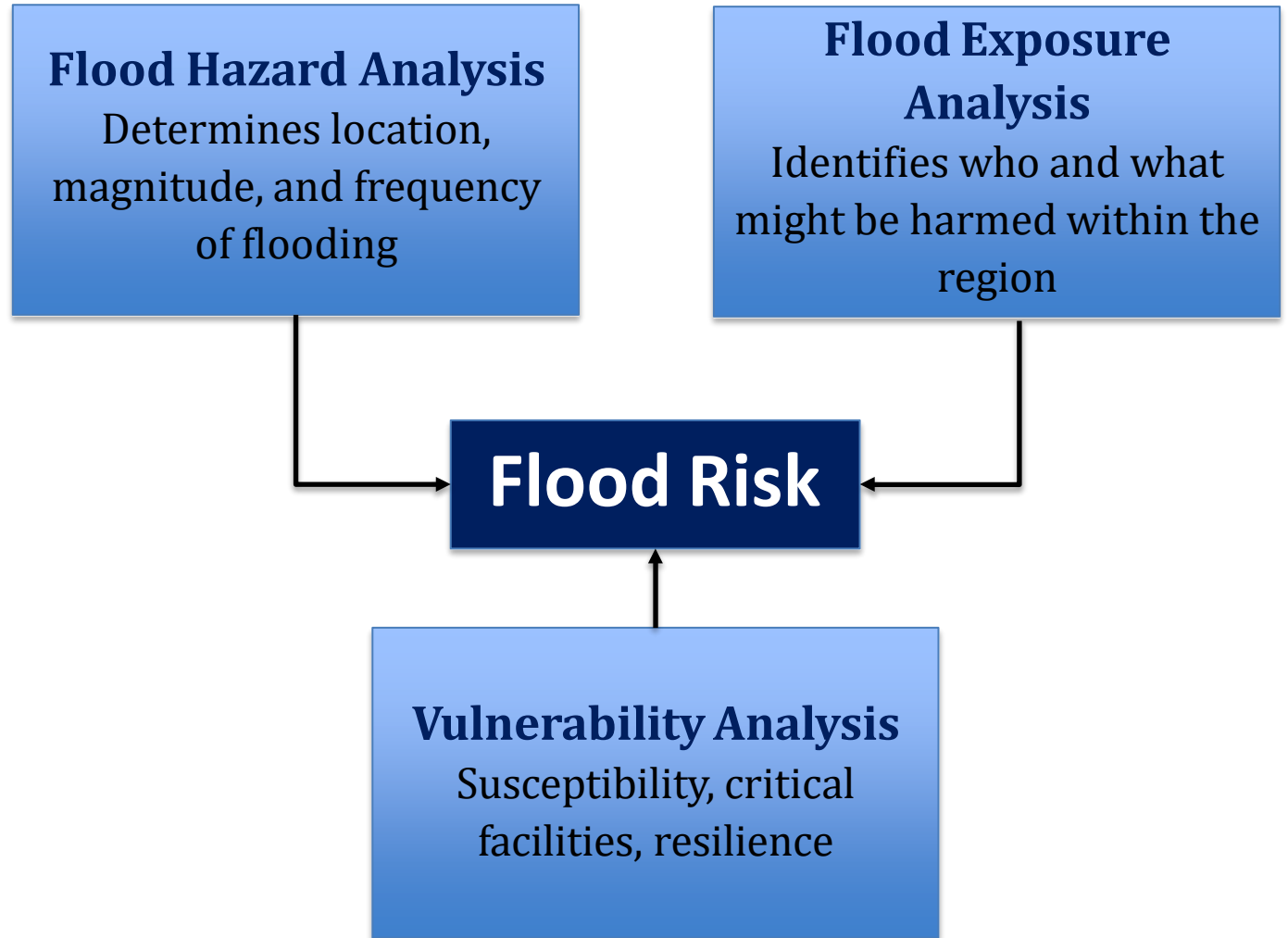
<https://www.twdb.texas.gov/flood/planning/index.asp>

Flood Planning Timeline



Deliverables: Regional Flood Plan Components

- Identify existing infrastructure
- Identify proposed or ongoing flood mitigation projects
- Identify specific flood risk
 - Existing Condition Flood Risk Analyses
 - Future Condition Flood Risk Analyses



Deliverables: Regional Flood Plan Components (continued)

- Set protection goals and recommend flood management standards
- Identify and Recommend Flood Management Evaluations (FMEs)
- Identify and Recommend Flood Mitigation Projects (FMPs)
 - ✓ Structural and non-structural
 - ✓ Permittable, constructible and implementable
- Identify and Recommend Flood Management Strategies (FMSs)
- Focus both on
 - ✓ Reducing existing flood risks to life and property and
 - ✓ Floodplain management in general to avoid increasing flood risk in the future by keeping future populations out of the way of flood flows

Flood Planning Data HUB

<https://twdb-flood-planning-resources-twdb.hub.arcgis.com/>

GIS Resources

Texas Flood Planning

The following GIS resources have been gathered to assist the Texas Regional Flood Planning Groups (RFPGs). Many of the referenced layers are intended for cartographic purposes. Before using layers for engineering or modeling, check the intended use on the original site.



Critical Infrastructure



Flood Infrastructure



Flood Risk



Hydrology



Jurisdiction Boundaries



Parks



Population



Property



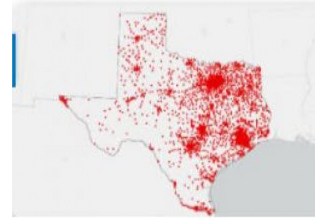
Terrain



Transportation

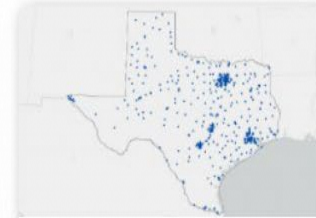
Critical Infrastructure

Hospitals, Schools, Fire Stations, Shelters, Electric and Gas Lines



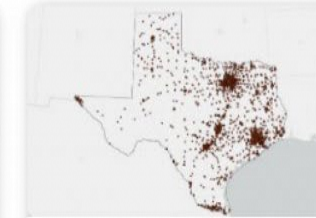
Fire Stations (HIFLD)

Filtered for Texas.



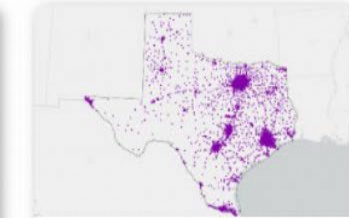
Hospitals (HIFLD)

Filtered for Texas.



National Shelter System (HIFLD)

Filtered for Texas



Schools (TEA)

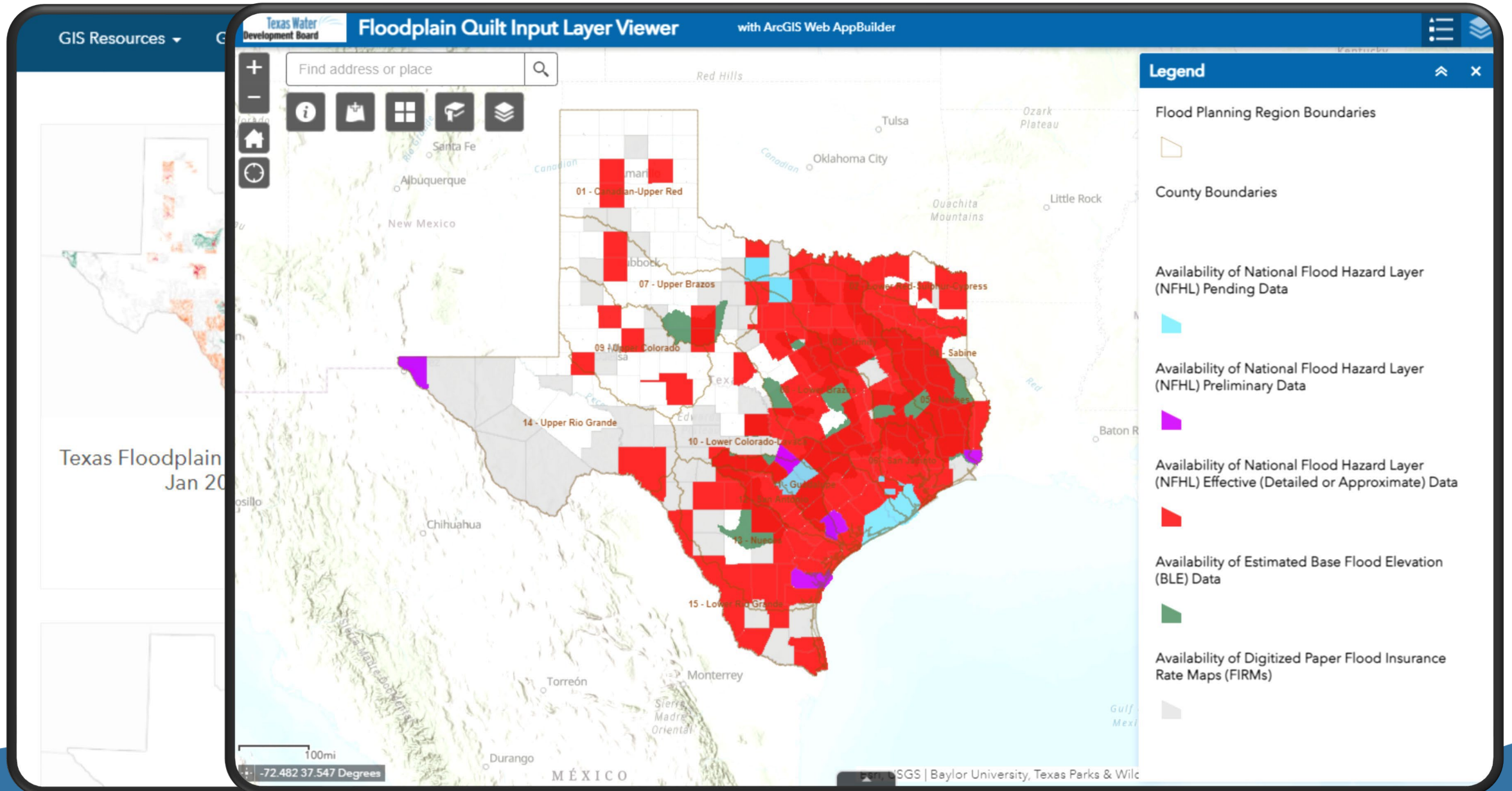


Natural Gas Pipelines



Electric Power Transmission

Draft Floodplain Quilt



‘Where is My Flood Planning Region?’

The screenshot displays the Texas Water Development Board's website. The header includes the organization's name and logo, a search bar, and social media links. A navigation menu lists various services like Home, Board, Financial Assistance, etc. The main content area features a large heading "Regional Flood Planning Groups" followed by a descriptive paragraph about the TWDB's regional webpages. To the right is a map of Texas divided into 15 numbered regions. Below the map is a search box with the prompt "Search by address to find your Flood Planning Region". On the left side, there are partial views of other pages, including one titled "About" and another titled "Upcoming".

Questions?



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