

Caney, KS
Flood Hazard Mapping Project

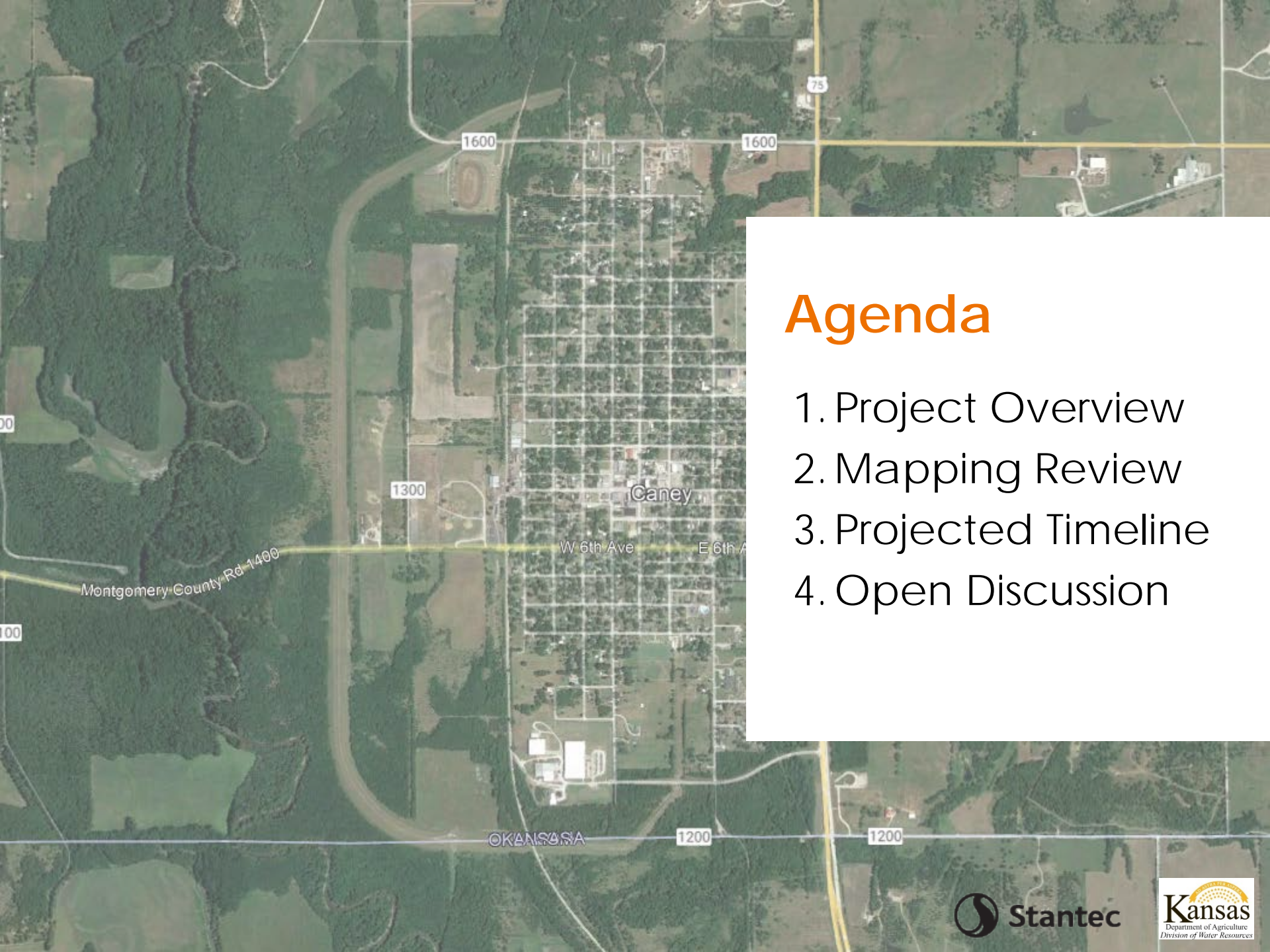
Flood Risk Review

June 5, 2024



Introductions

- Kansas Department of Agriculture
- FEMA
- Stantec
- Montgomery County
- City of Caney



Agenda

- 1. Project Overview
- 2. Mapping Review
- 3. Projected Timeline
- 4. Open Discussion

Meeting Objectives

- Review the draft flood hazard maps, to:
 - Communicate Caney and Montgomery County's flood risk.
 - Show how KDA's and FEMA's engineering analysis is being applied.
 - This is the community's opportunity to identify any technical and non-technical issues they see on the maps that need additional review.
 - Understand options and decisions that need to be made by the community
- Outline next steps in this process and answer any questions about the timeline.

Project Review

Background

- **September 2018:** LAMP Plan completed = USACE to pursue NFIP Levee System Evaluation
- **October 2020:** KDA funds new data development study to incorporate the 2015 hydrologic and hydraulic analysis and implement the LAMP Plan of accreditation
- **September 2022:** FEMA Accepts USACE Levee System Evaluation Report (LSER) of Caney Levee
- **February 2023:** KDA initiates a new data development study, filling gaps identified during the 2020/2021 study
- **May 22, 2023:** Kickoff of FY22 data development project
- **Today (June 5, 2024):** Share results of FY22 Data Development Project

What's New in the Draft Data

- **Cheyenne Creek**
 - Incorporated USACE enhanced 1D unsteady-state model of Cheyenne Creek used for levee system evaluation
- **Mud Creek**
 - Updated Highway 75 Crossing into the leveraged 1D steady-state model
- **Cross-town Ditch**
 - New enhanced 1D unsteady-state hydrology and hydraulic modeling of stream with floodway analysis
- **Levee Interior Drainage Mapping**
 - Incorporated USACE interior drainage from Levee system evaluation
 - Area behind levee shown as shaded zone x (area with reduced flood hazard due to accredited levee system)

Next Step

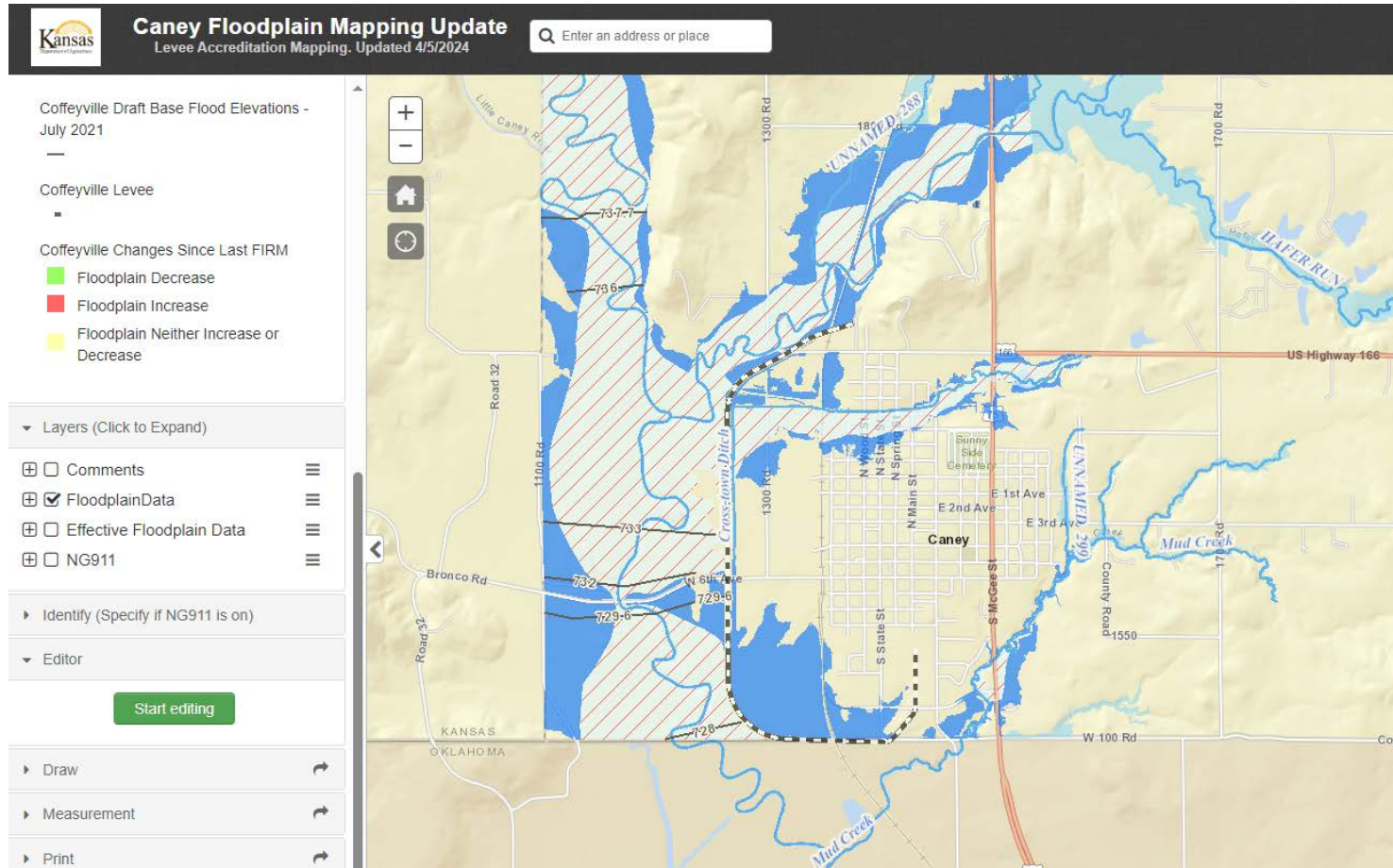
Review Draft Flood Hazard Maps

Review the Draft Flood Hazard Maps

- This is the community's opportunity to review the proposed maps.
- Questions to consider:
 - What are the potential scenarios for the new floodplain boundaries?
 - What data is available with the mapping?
 - How can elevations be determined?
 - Where can the maps be viewed?

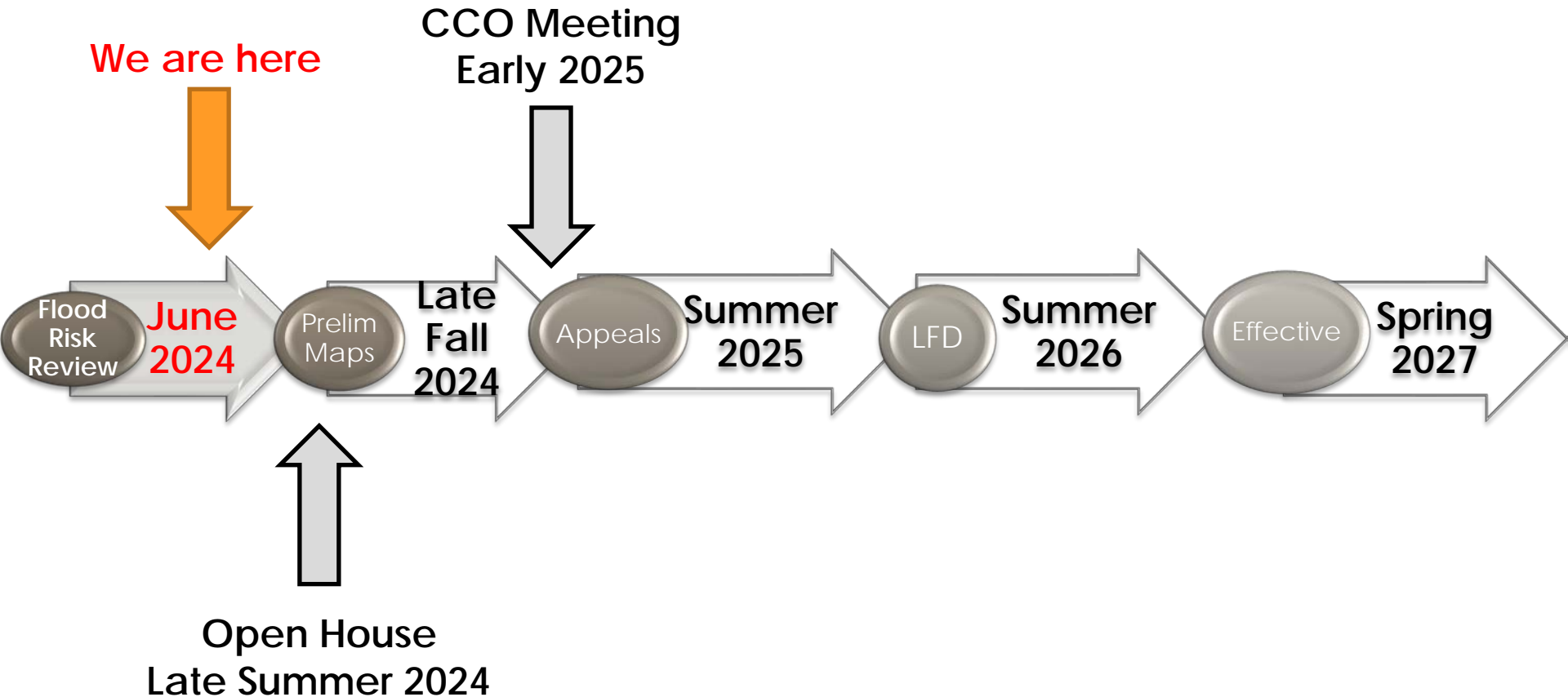
Proposed Floodplain Mapping

KDA Web Map Viewer: <https://gis2.kda.ks.gov/gis/caney/>



Review the Draft Flood Hazard Maps

KDA has funded preliminary map production under FY23



Open House

What happens at the Open House?

- Opportunity for residents to review the draft data
- Can review and comment online using the same web viewer
- Computer stations where public can discuss draft mapping with KDA, engineers, mapping experts, and insurance specialists



We'll need your help notifying residents and finding a location

Tentatively scheduled for late summer 2024

Questions and Answers

Have We Answered All Your Questions?

Project Web Map Demo:

<https://gis2.kda.ks.gov/gis/caney/>

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