

COTTONWOOD 21-A WATERSHED PLAN-EA

Public Scoping Meeting

October 12, 2023



LOWER PLATTE NORTH
Natural Resources District

WELCOME!

THANK YOU FOR JOINING US!

- Meeting goals:
 - Inform the public of the development of the Supplemental Watershed Plan-EA
 - Collect input on problems, opportunities, and concerns related to alternatives being considered

PROJECT BACKGROUND

- LPNNRD has entered into an agreement to develop a supplemental watershed plan and environmental assessment document (Watershed Plan-EA) for the floodwater retarding structure Cottonwood 21-A
- Cottonwood 21-A
 - Constructed in 1983
 - High hazard dam under Nebraska Department of Natural Resources criteria
 - Annual inspections identified deficiencies in the structure
 - Spillway is too high
 - Top of dam is too low

PURPOSE & NEED

PURPOSE

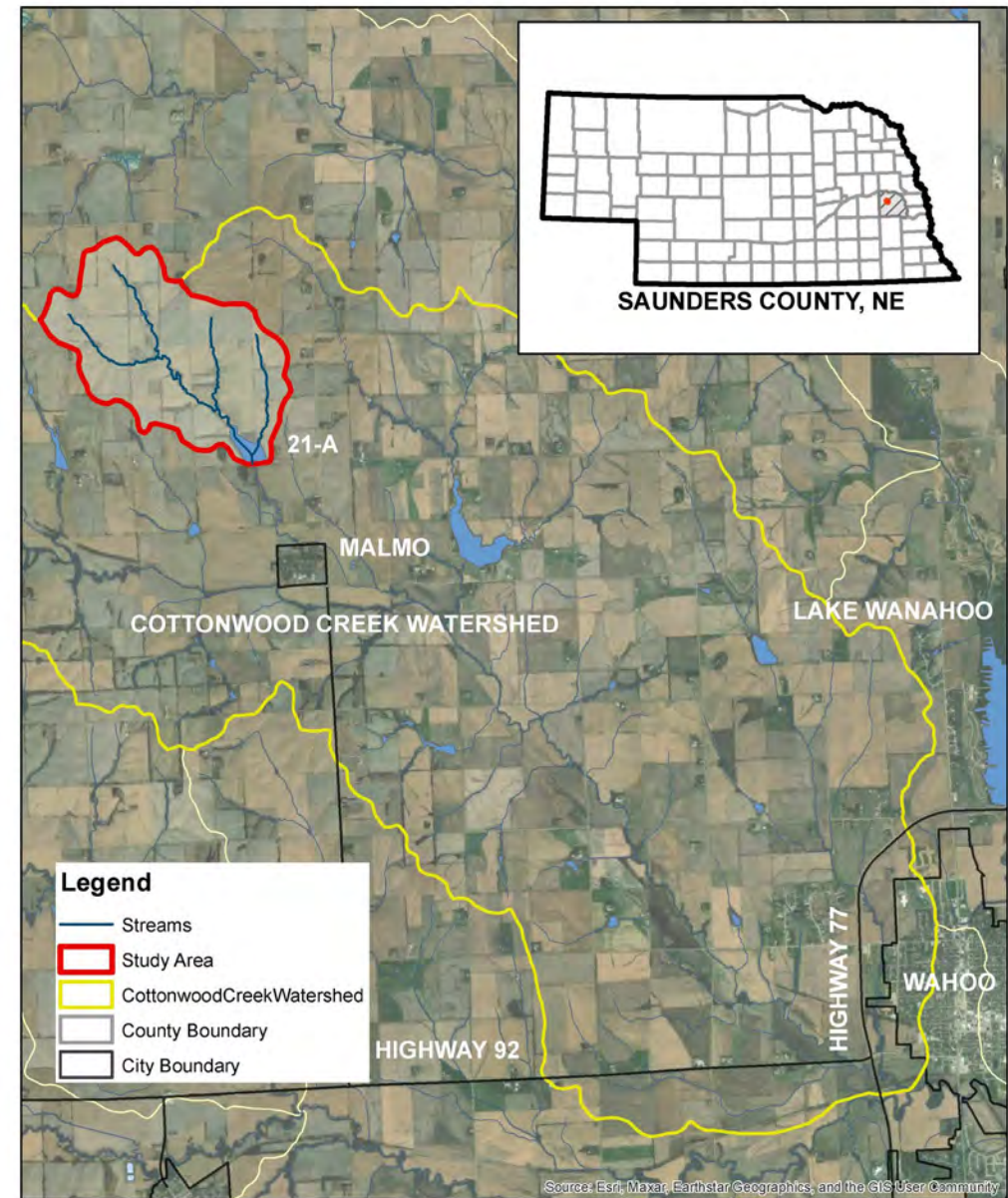
- Address identified deficiencies of the structure
- Meet current NRCS design standards

NEED

- Reduce potential risk to public safety

PROJECT AREA

- Located in Saunders County, on County Road P
- Approximately one mile upstream of Malmo
- Drainage area: 1,427 acres
- Conservation pool: 32 acres



PROJECT ALTERNATIVES

- LPNNRD will look at multiple alternatives for the Cottonwood 21-A structure including:
 - Adding seepage drains
 - Modifying the principal and auxiliary spillways
 - Property buyouts
 - Relocation
 - Purchase of expanded easement area
 - Flood-proofing or elevating existing homes
 - Safe decommissioning with a controlled breach of structure



IMPACTS

- A wide spectrum of resources will be evaluated to identify potential impacts, including:

Wildlife Habitat

Water Quality

Recreation

Public Safety

Infrastructure/Built
Environment

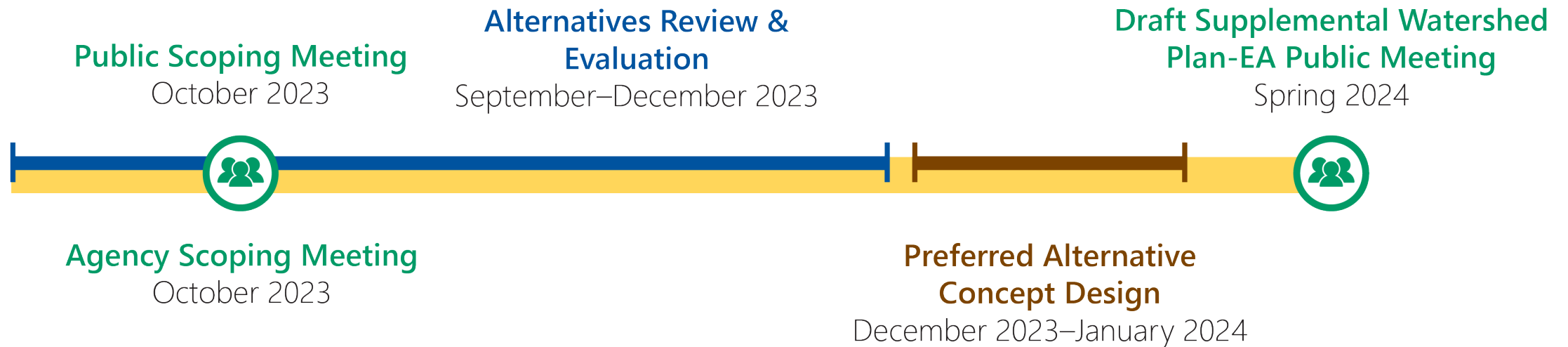
Section 4(f)
Properties

Cultural Resources

Noise/Air Quality

PROJECT SCHEDULE

- Work on the Supplemental Watershed Plan-EA will occur from Fall 2023 through Spring 2024



WE NEED YOUR INPUT

- What information we're looking for:
 - Any special circumstances we should be aware of when developing an initial list of solutions to address flooding problems in the project area?
 - What are some areas of concerns within the project area?
 - Other comments regarding this project
- Mark up the scroll map with areas of concern
- Fill out one of our comment forms

PROJECT CONTACTS

For questions, comments, or additional information about this project effort, contact:

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THANK YOU!