

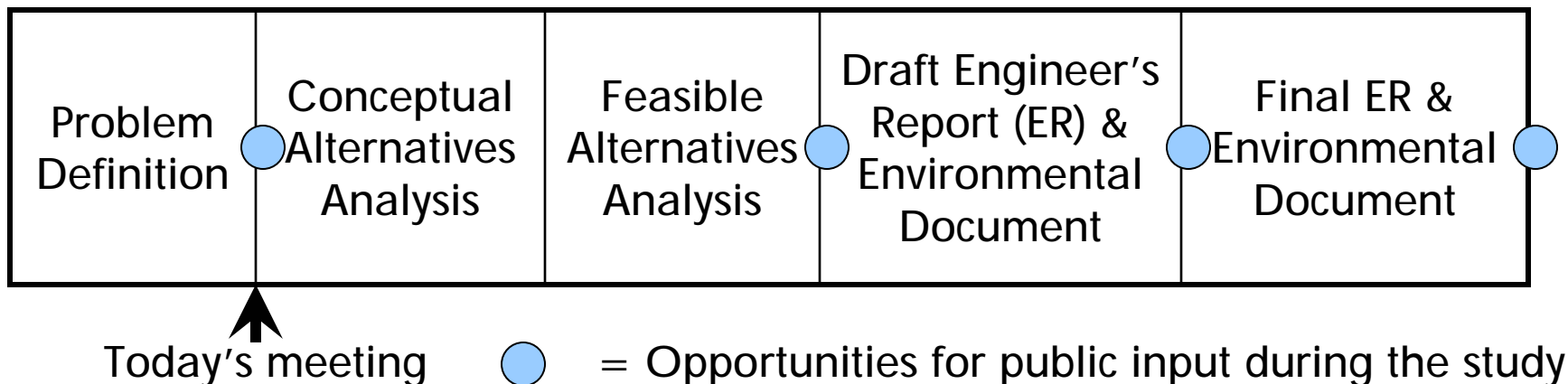
Calero / Fellows Dike Water Utility Study

**Public Meeting
Presentation**

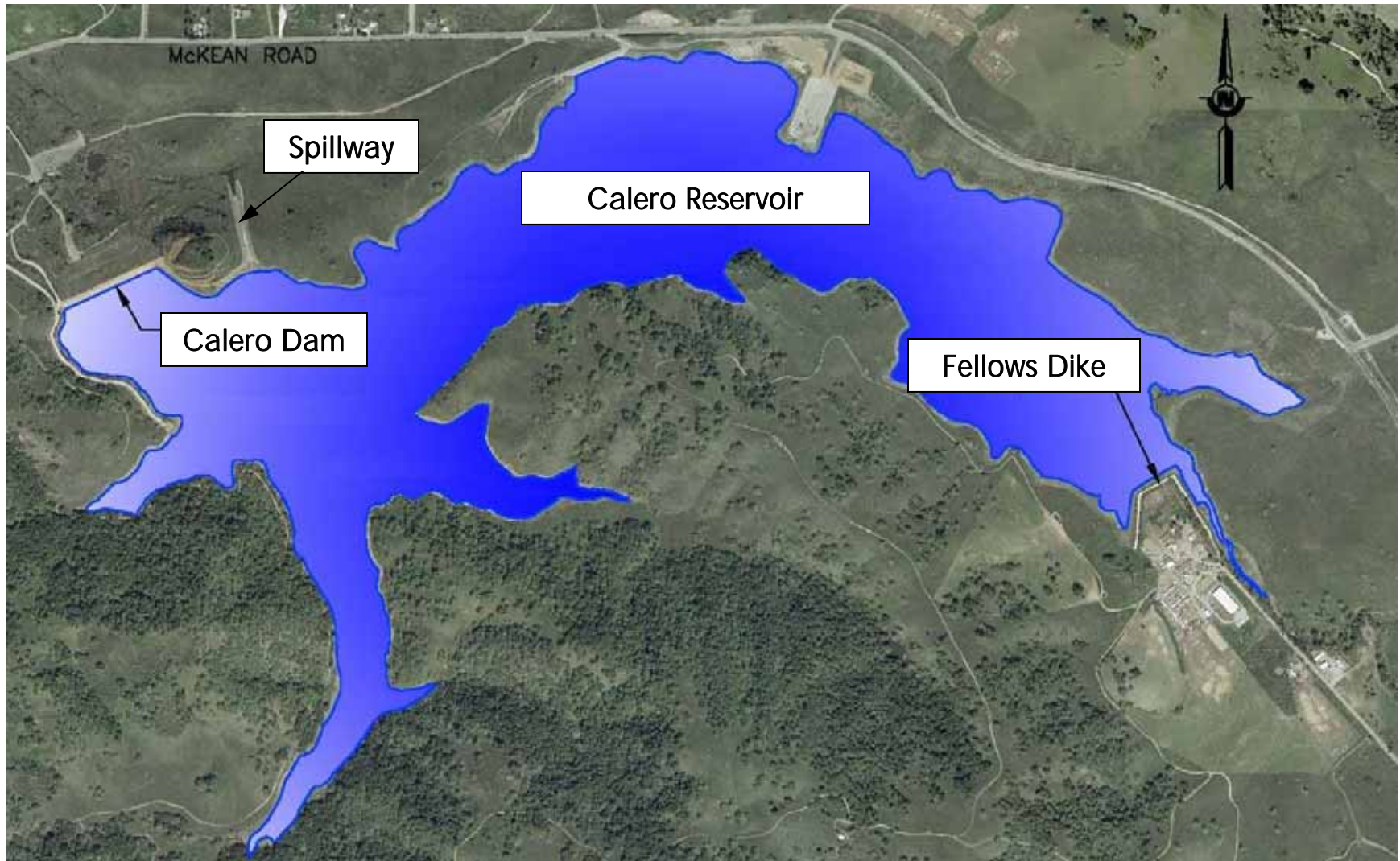
July 24, 2006

Planning Study

- Process to determine the preferred project
- Objectives:
To resolve the Fellows Dike issues to optimize the water utility benefits of Calero Reservoir in a cost effective manner while considering stakeholder interests that are consistent with District policies
- Flowchart:



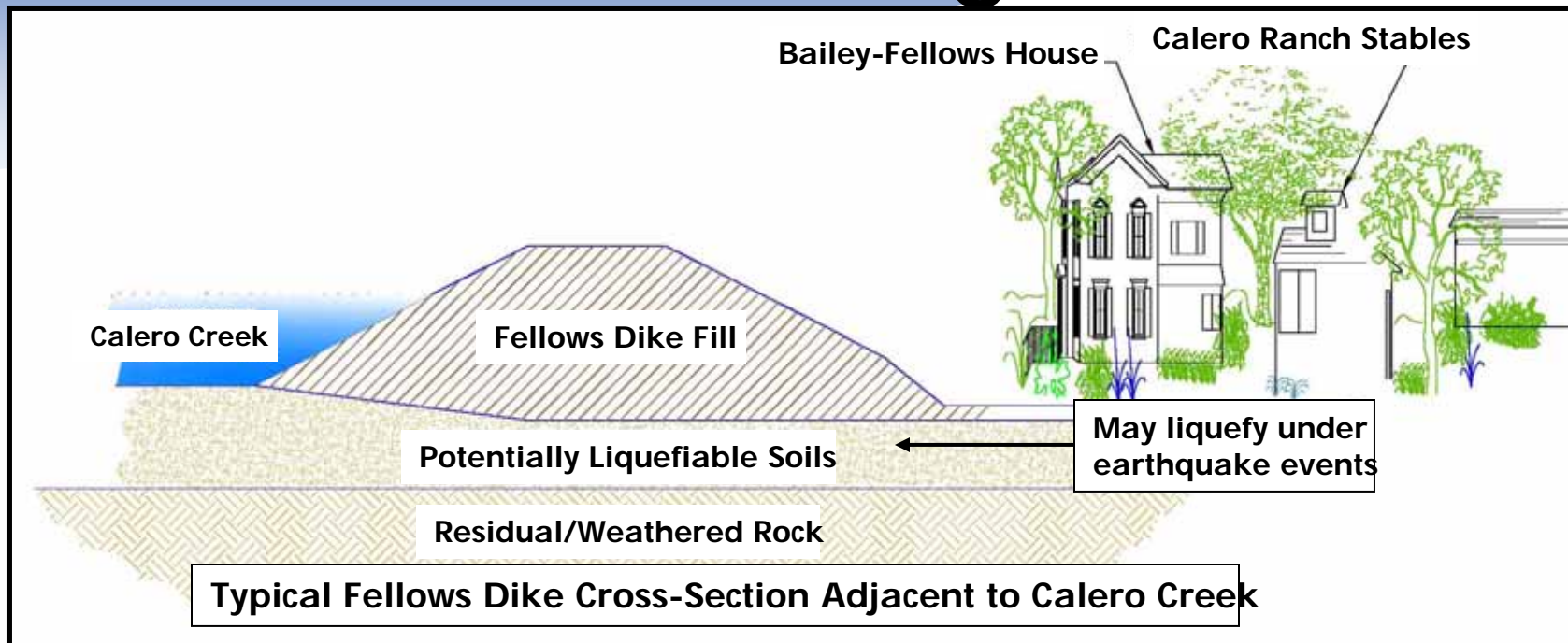
Study Area - Calero Reservoir



Study Area - Fellows Dike



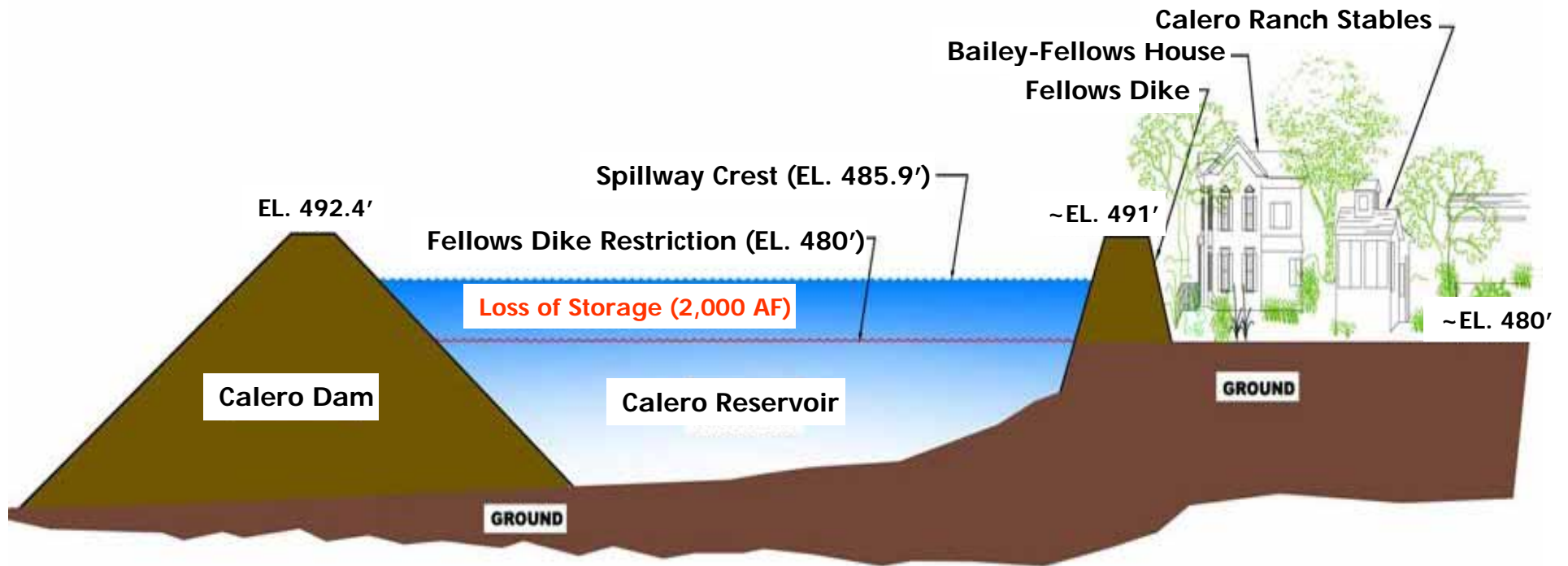
Fellows Dike Existing Conditions



DSOD Requirements

- Fellows Dike is considered a dam and falls under Division of Safety of Dams (DSOD) jurisdiction
- DSOD is responsible for dam safety and yearly inspections and has the authority to restrict operations on dams found to be unsafe
- Because of the dike concerns, DSOD has restricted the District from impounding water against Fellows Dike
- DSOD will not accept the existing condition as a long-term solution

Calero Reservoir & Fellows Dike Cross-Section

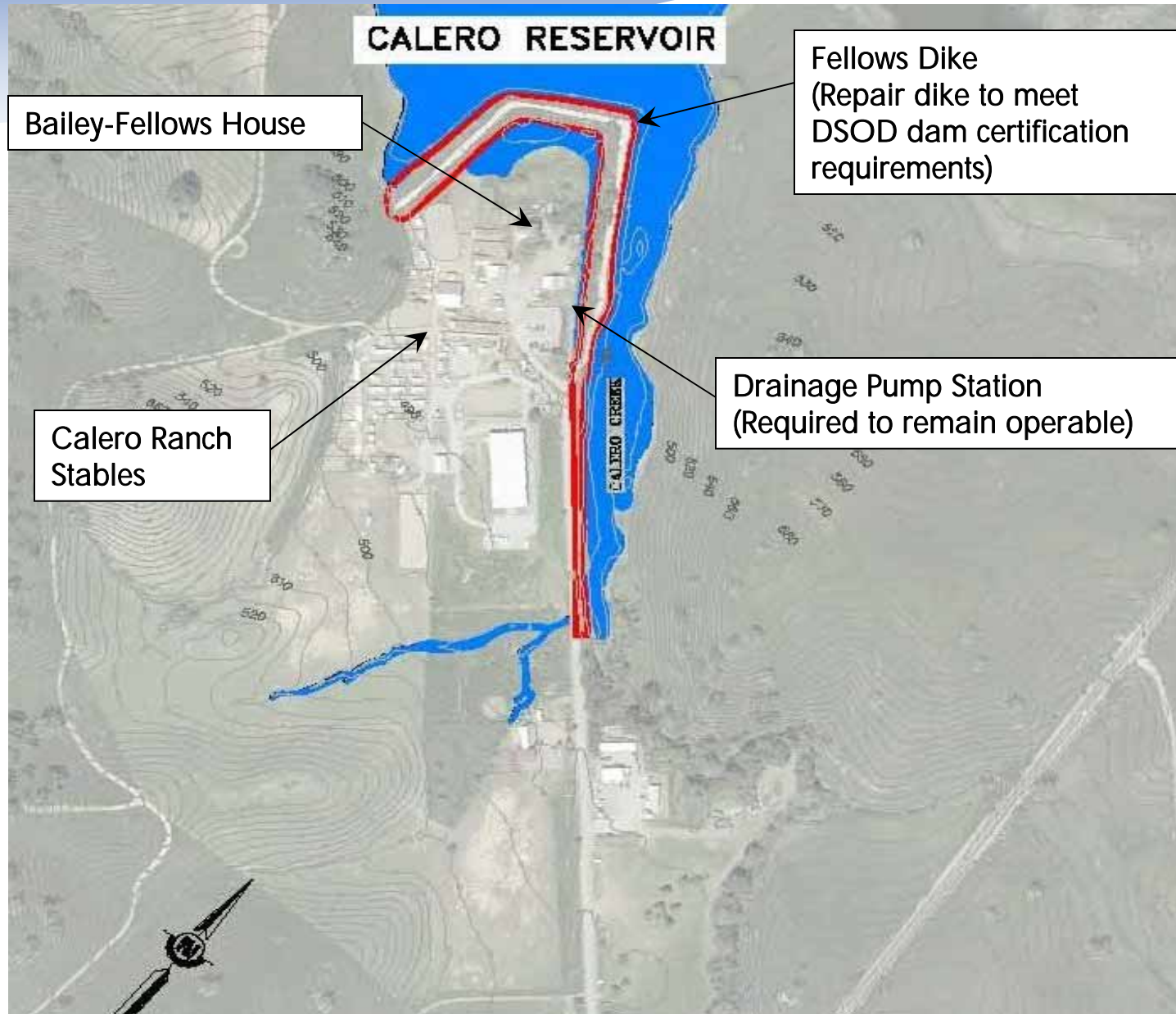


NOT TO SCALE

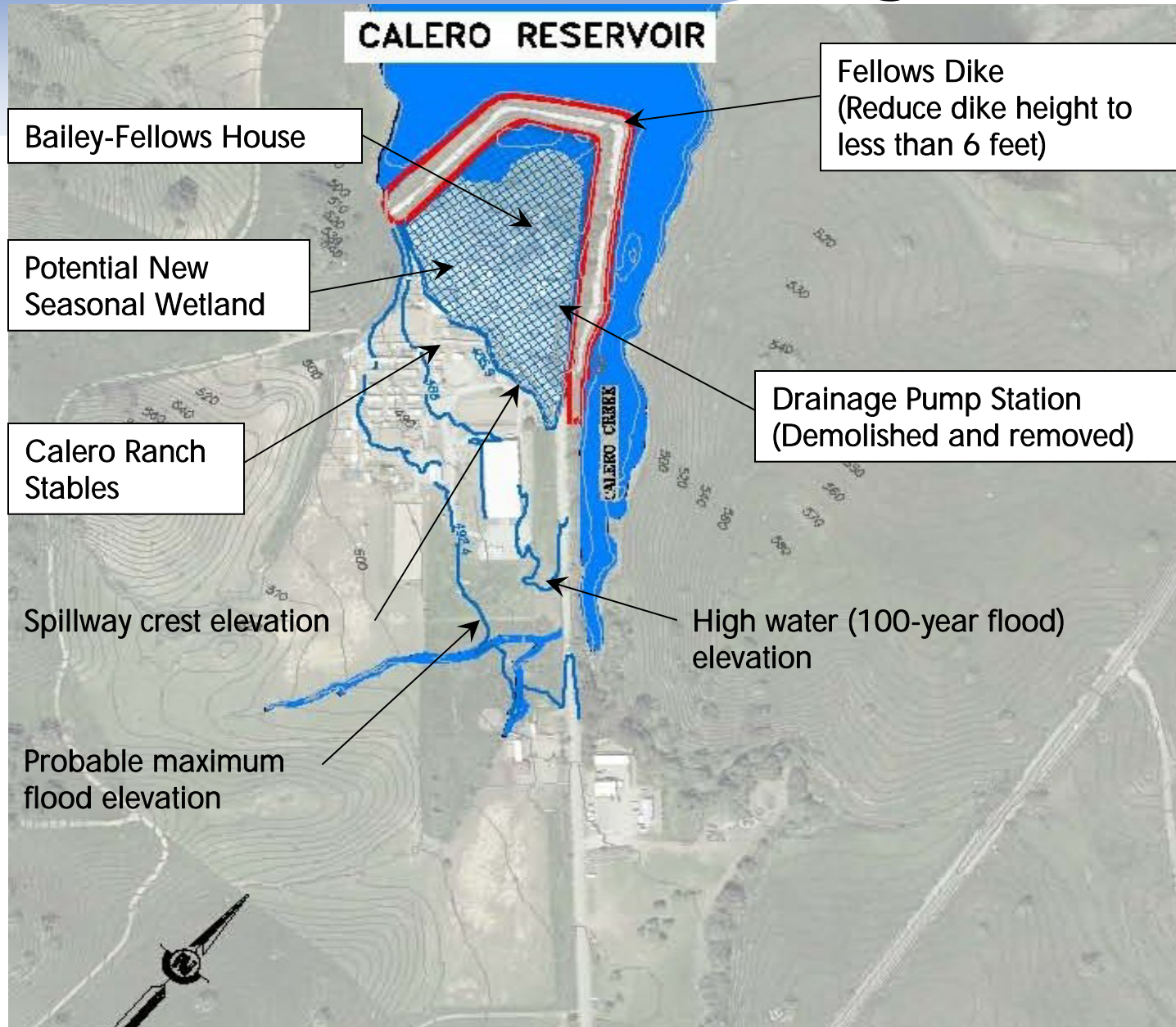
Conceptual Alternatives

- Four conceptual alternatives appears to be feasible to resolve the dike issues:
 - One alternative to repair the dike to meet DSOD requirements
 - Three alternatives to remove the dike from DSOD jurisdiction by:
 - Reducing the dike height
 - Breaching the dike
 - Removing the dike

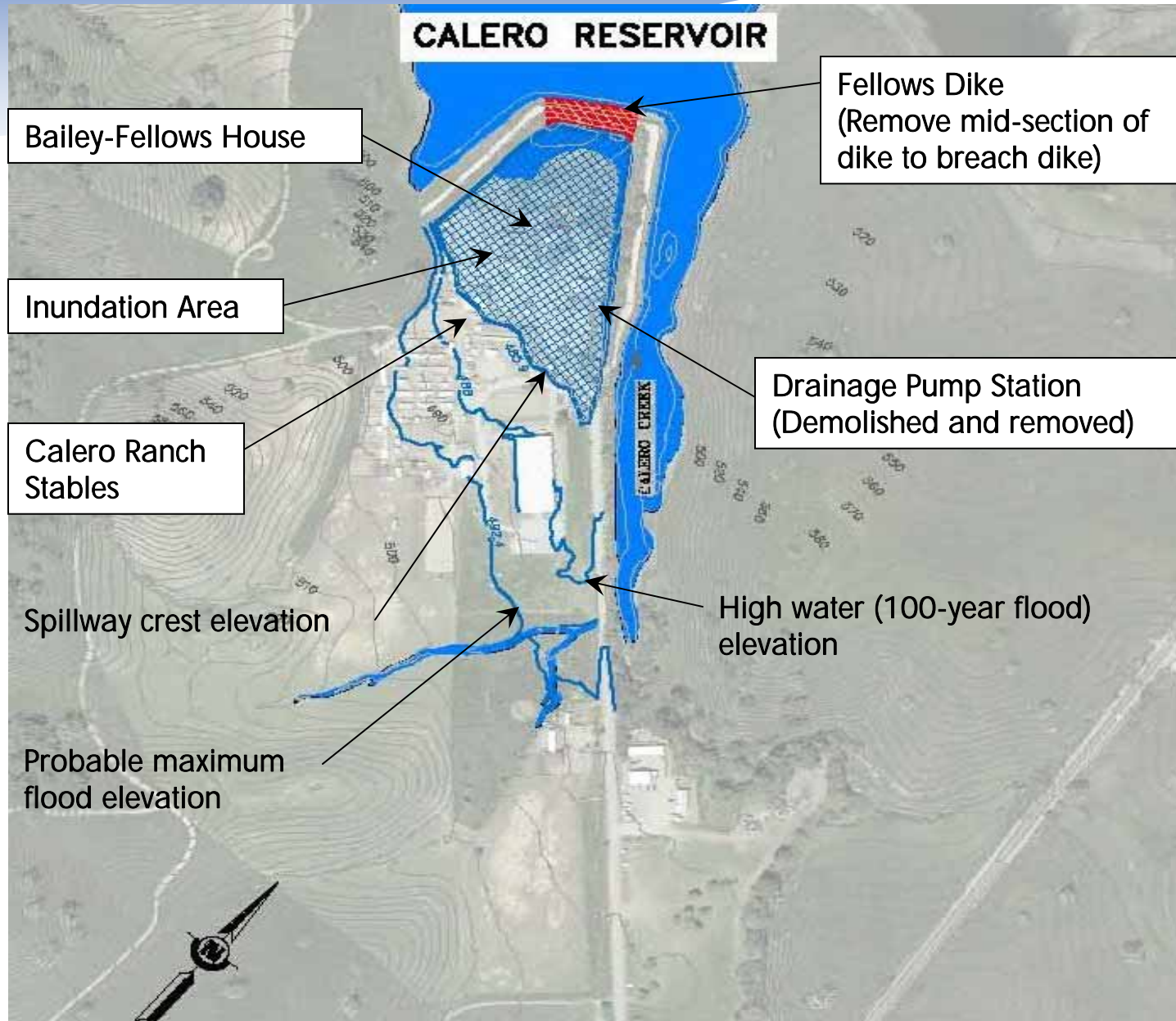
Repair Dike Alternative



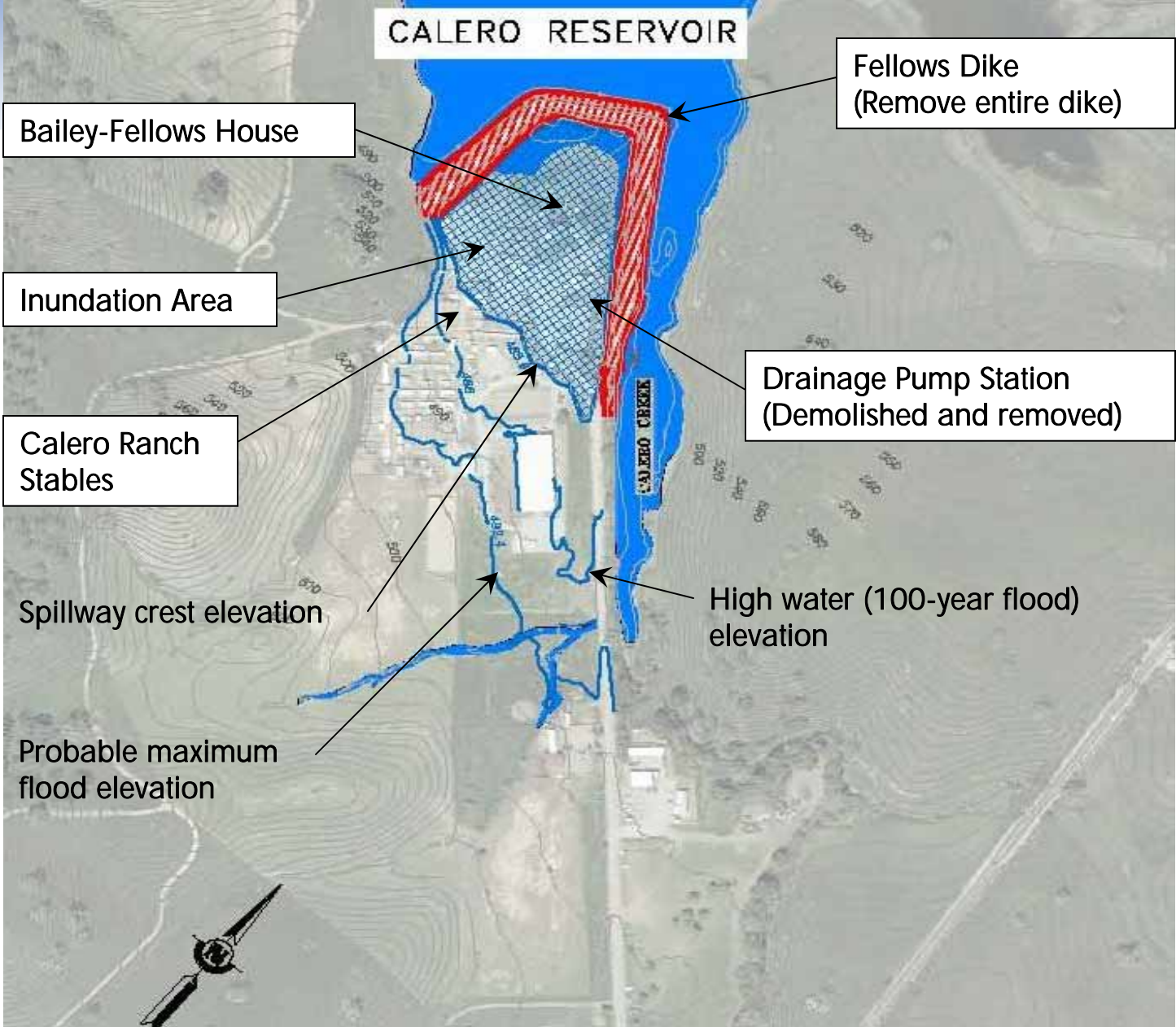
Reduce Dike Height



Breach Dike Alternative



Remove Dike Alternative



Comments

- Comments on the conceptual alternatives developed?
- Suggestions on other alternatives that should be considered?
- Special interests or recreation facilities the study should consider?
- Other comments or questions?