



2013 Flood Assessment for the Town of Superior



October 1, 2013
Community Meeting

Agenda

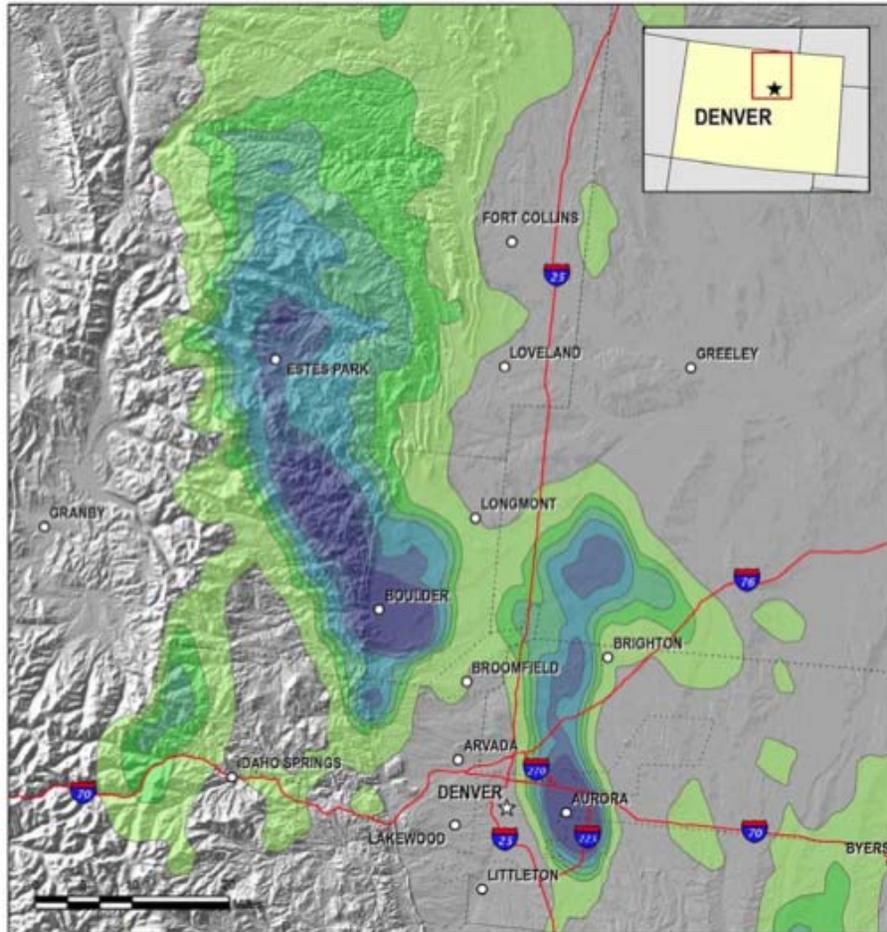
1. September 12-13, 2013 Flood Event
2. Recording The Flooding Limits
3. Emergency Response
4. Second Access
5. Debris Removal/Right-of-Entry
6. Flood Mitigation Project



Coal Creek Basin Overview



Rainfall Summary



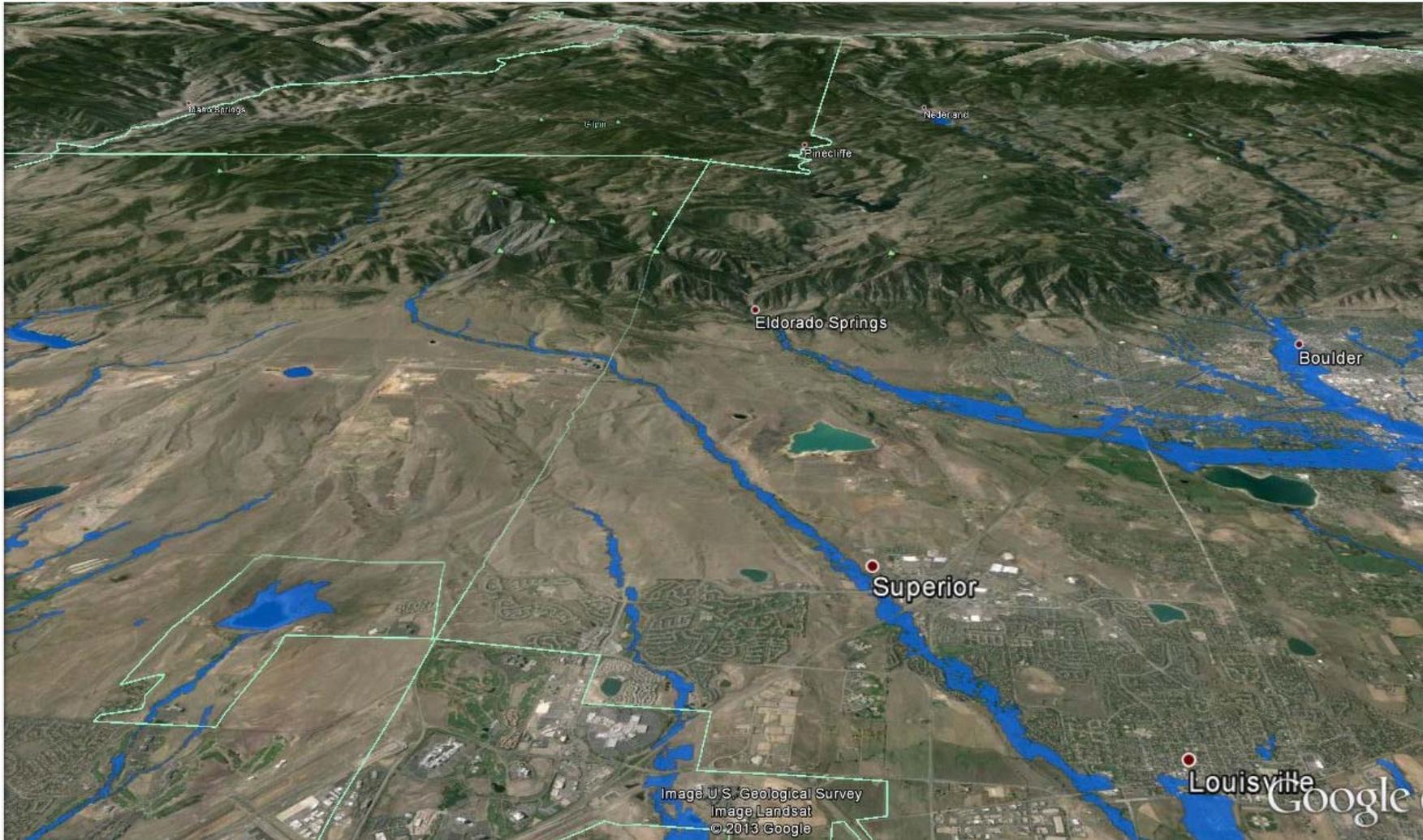
Colorado Flood Event, 9-16 September 2013
Annual Exceedance Probabilities (AEPs) for Worst Case 24-hour Rainfall



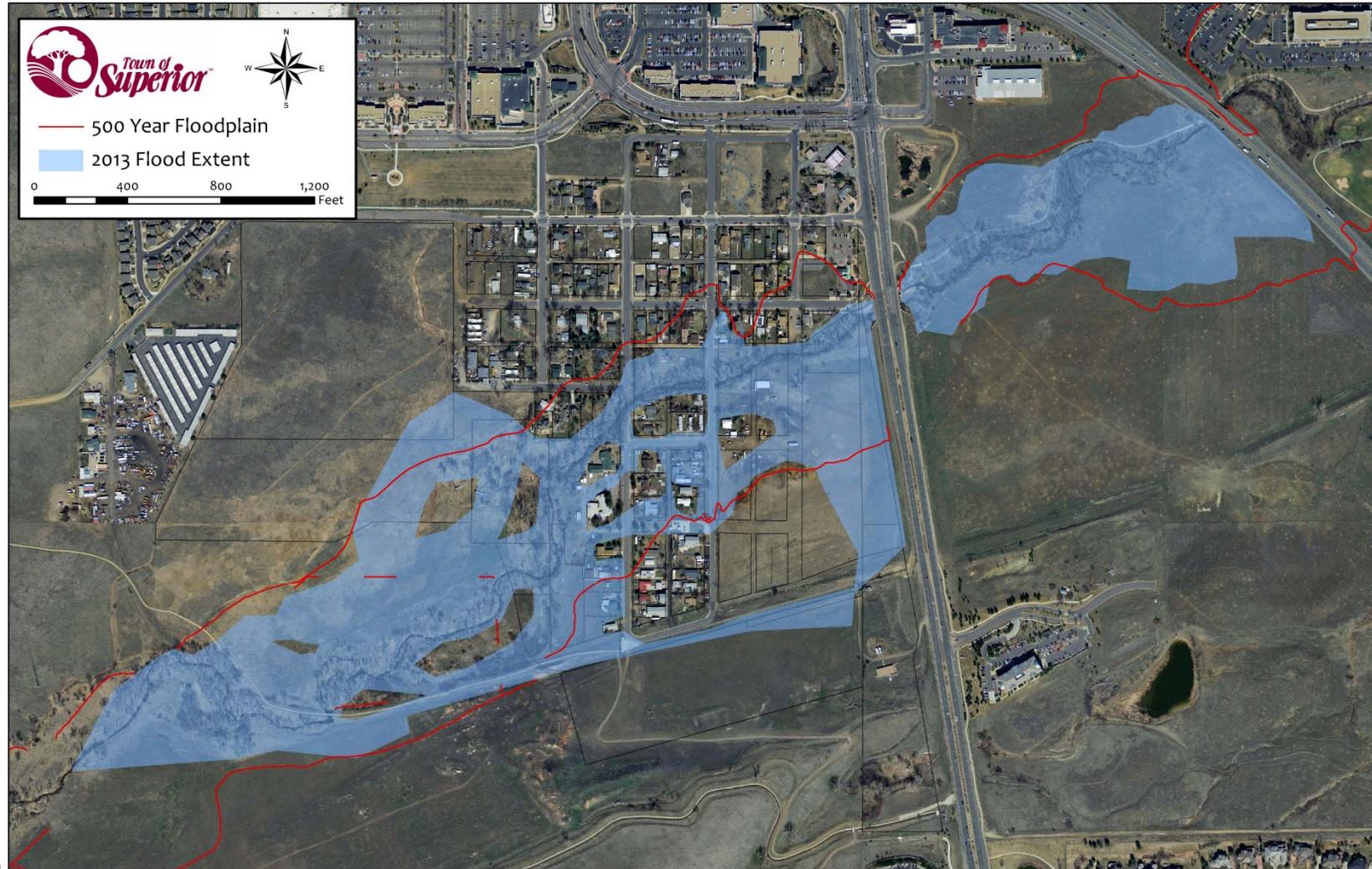
7-Day Rainfall Totals
September 9 - 15



Coal Creek Watershed



Recording the Flooding Limits



Emergency Response

- ◆ Town Public Works crews and contractors worked much of Thursday to alleviate split flow from Coal Creek near the Mayhoffer-Singletree trail.
- ◆ Boulder County Sheriff responsible for initial emergency response.
- ◆ Two-hour lag in response time due to overall County impacts from flooding.
- ◆ When Boulder County Sheriff and Rocky Mountain Fire arrived, they went door to door for voluntary evacuations.



Second Access to South Original Town



Debris Removal and Right of Entry

- ◆ The Town's first priority after the event was Emergency Protective Measures to shore up damaged infrastructure.
- ◆ Debris Removal on private property will require a Right of Entry Agreement

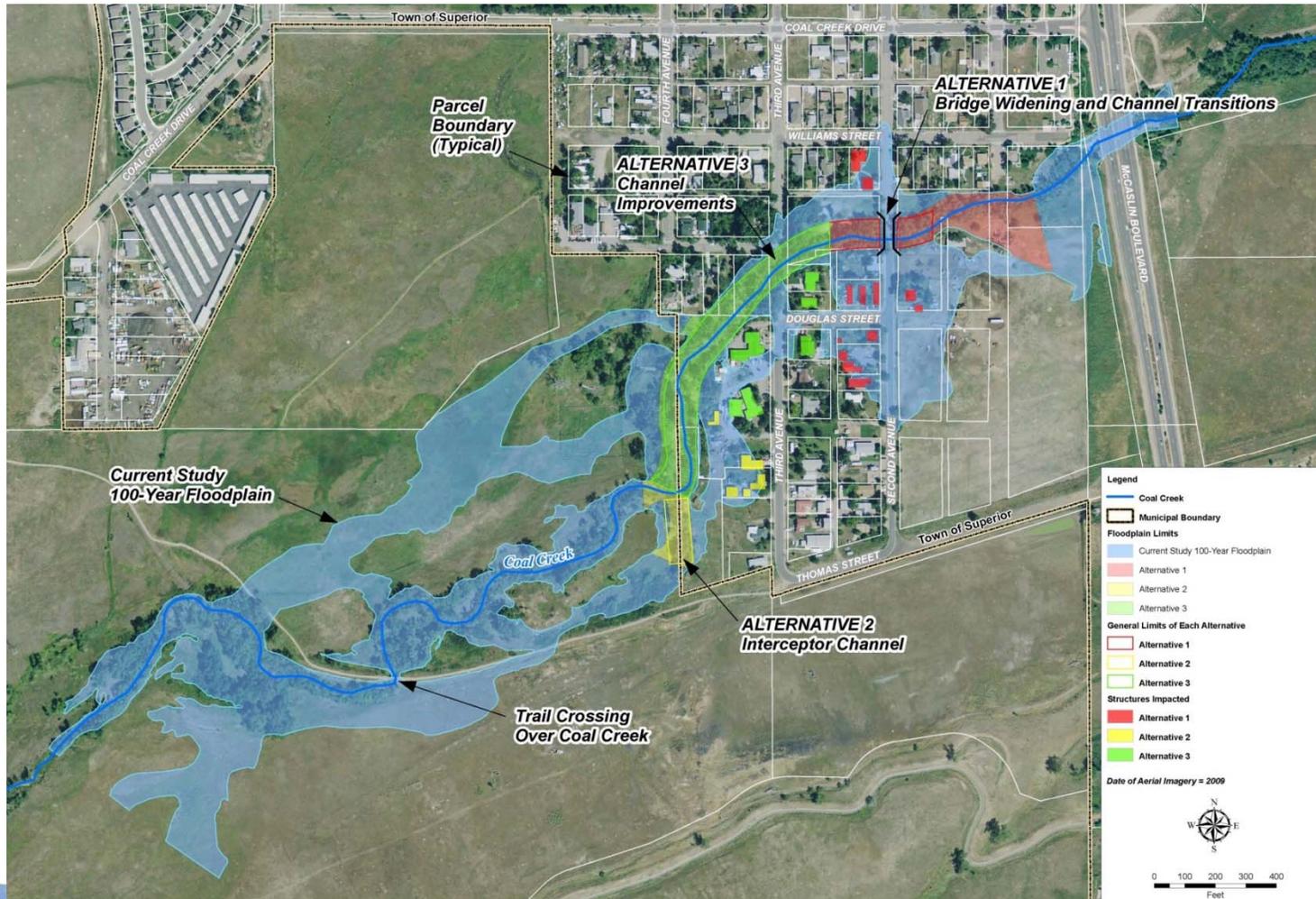


Flooding Causes

- ◆ 2nd Avenue Bridge has limited flood capacity
- ◆ Coal Creek upstream of 2nd and 3rd Avenues has limited flood capacity
- ◆ Split flows occur in the open space area due to the railroad embankment and lack of flood capacity



Coal Creek Floodplain Mitigation Study



Conceptual Construction Area





Thank You!

Questions?

Please make sure you have provided your contact information on the sign-in sheet so that we can be in touch as the project progresses