



SH 63/LA 8 BRIDGE AT THE SABINE RIVER

Initial Alternatives Workshop

March 8, 2018

1:00 p.m. – 3:30 p.m.



Workshop Agenda

1. Introductions
2. Project Presentation
3. Breakout Groups and Brainstorming
4. Group Discussion
5. Recommended Alternatives for Further Study
6. Schedule/Next Steps

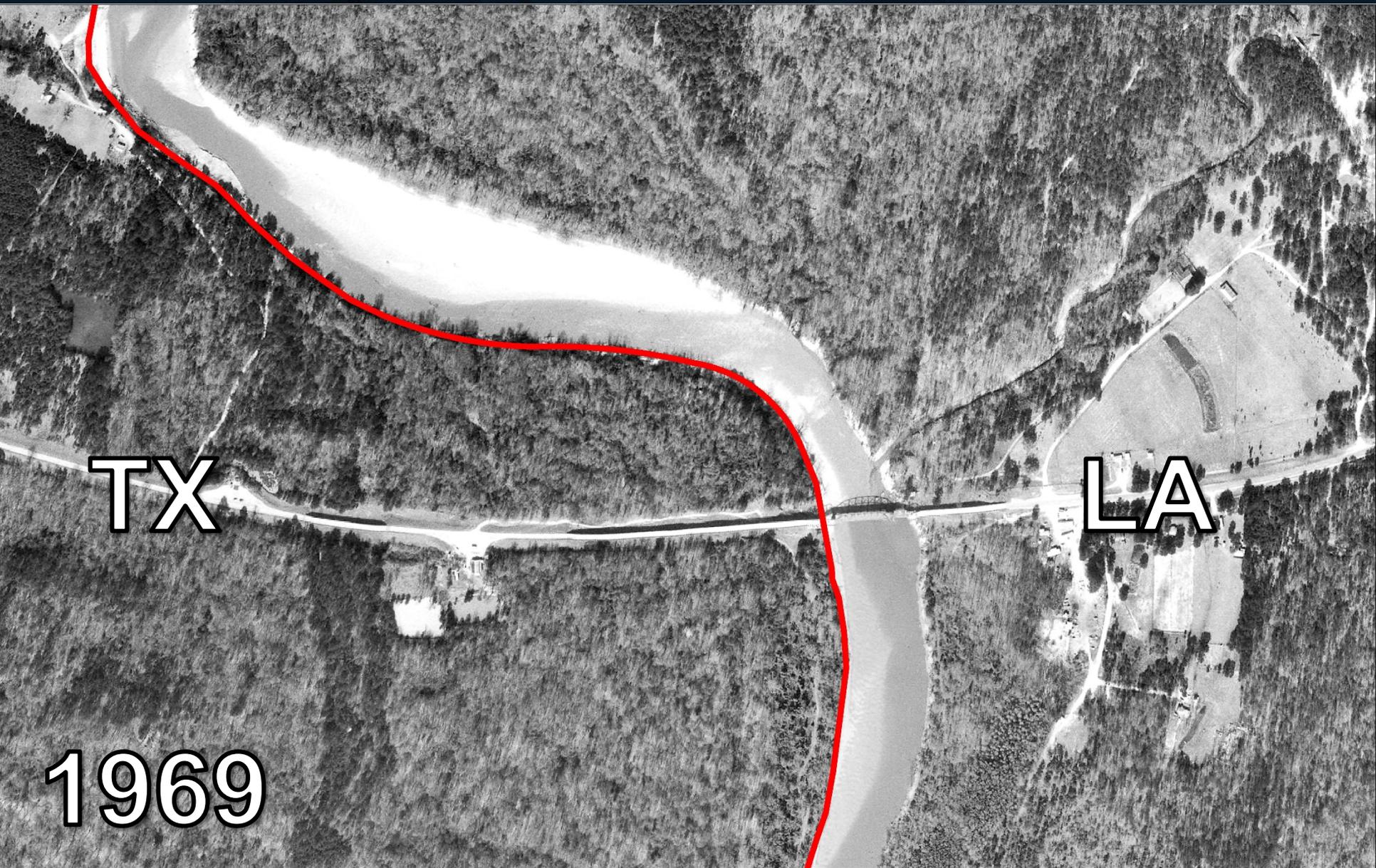
Project Purpose and Need

Project Purpose: The purpose of the proposed project is to provide a structurally sound bridge that allows Texas and Louisiana motorists across the Sabine River, with a focus on providing a bridge with adequate width and height to safely accommodate existing and future transportation needs with a minimum lifespan of 20 years.

Project Needs and Issues:

- Sabine River shifting
- Problems with the bridge's foundations
- Vehicles hitting overhead portions of the bridge
- Bridge is too narrow
- Deterioration of the bridge
- Outdated railing for modern vehicles

Sabine River Shifting



Sabine River Shifting



TX

LA

1996

Sabine River Shifting



TX

LA

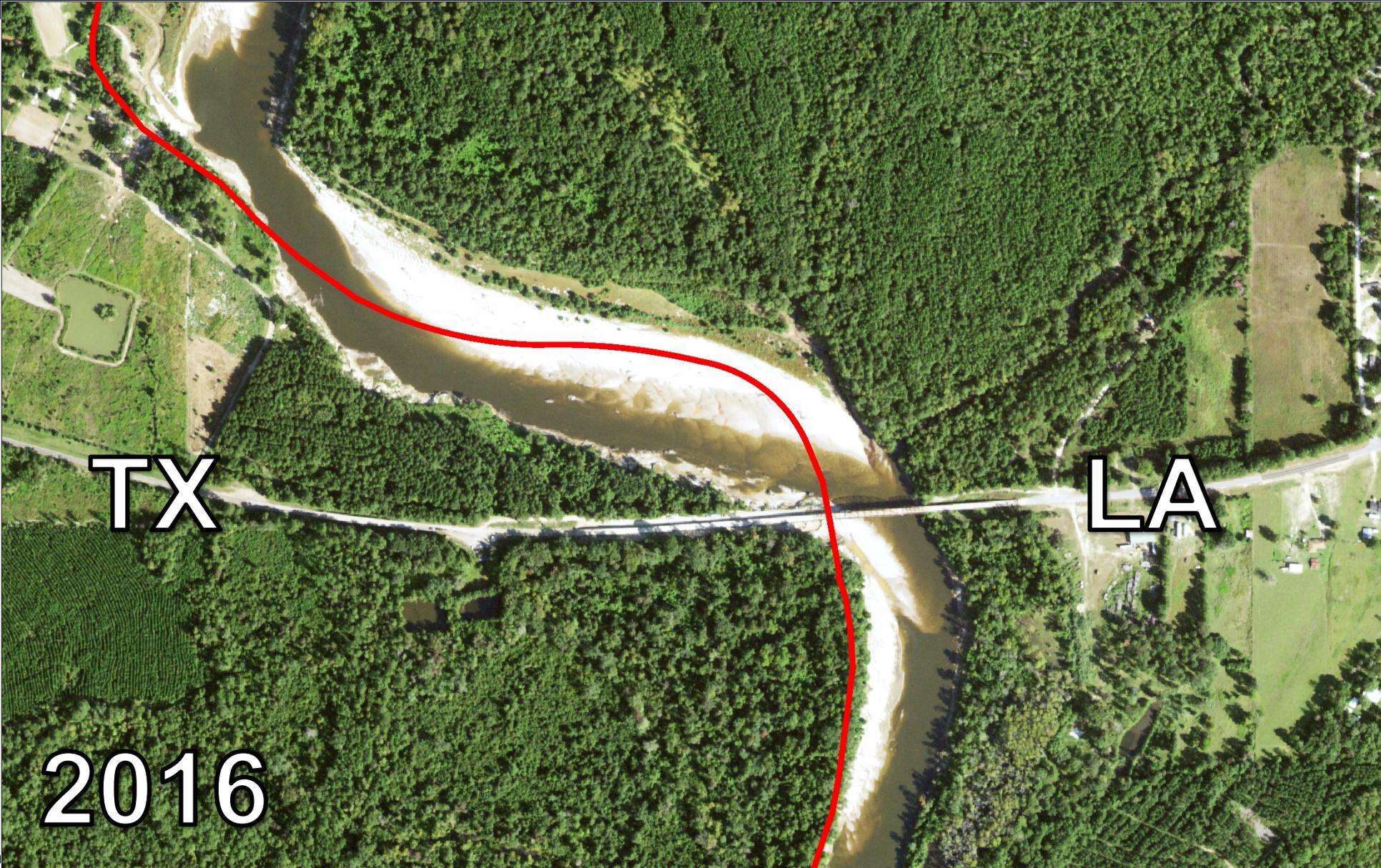
2004

Sabine River Shifting



2014

Sabine River Shifting



TX

LA

2016

Sabine River Shifting



Sabine River Shifting



Problems with the Bridge's Foundations



Storm event damage

March 2016



Pier repairs due to soil erosion

February 2017



Pier repair due to soil erosion September 2017

Foundation Repairs:

- 2 Piers repaired
- 3 Pier caps repaired

Vehicles Hitting Overhead Portions of the Bridge



Vehicles Hitting Overhead Portions of the Bridge



Vehicle impact breaking steel member



Vehicle impact twisting steel members



Vehicle impact bending steel member

Bridge is too Narrow



Bridge width less than required 24'

Bridge is too Narrow



Modern bridge width (Example from FM 35 - Royse City, Texas)

Deterioration of the Bridge



Rust reducing member size



Concrete deteriorating



Paint chipping and/or missing

Outdated Railing for Modern Vehicles



Required Alternatives

- Do Nothing

- Bypass historic bridge (2 options)
 - Construct new bridge adjacent to existing
 - Construct new bridge at new location where banks are more stable

- Repair Historic Bridge (3 options)
 - Repair and maintain existing traffic on historic bridge
 - Repair existing historic bridge and construct new parallel bridge, each bridge carrying one-way traffic
 - Repair historic bridge for pedestrian use and construct new bridge for vehicles

Other Potential Alternatives

- Repair historic bridge for use as a scenic bypass and construct new bridge (2 options)
 - Construct new bridge adjacent to existing
 - Construct new bridge where river banks are more stable
- Construct new bridge and remove historic bridge (2 options)
 - Construct new bridge in same location
 - Construct new bridge where banks are more stable
 - Cul-de-sac approach roadways on either side of river so that access to private property is maintained
- *Others?*

Group Brainstorming

- Directions for Each Group:
 - Group assigns a spokesperson
 - Group assigns a scribe
 - Groups brainstorm alternatives
 - Group decides on three alternatives:
 - Scribes: Please write EACH alternative on the Alternative 1, 2 and 3 sheets (please write BIG in marker)
 - Map is on the table as reference
 - See handout for possible alternatives

GROUP DISCUSSION:

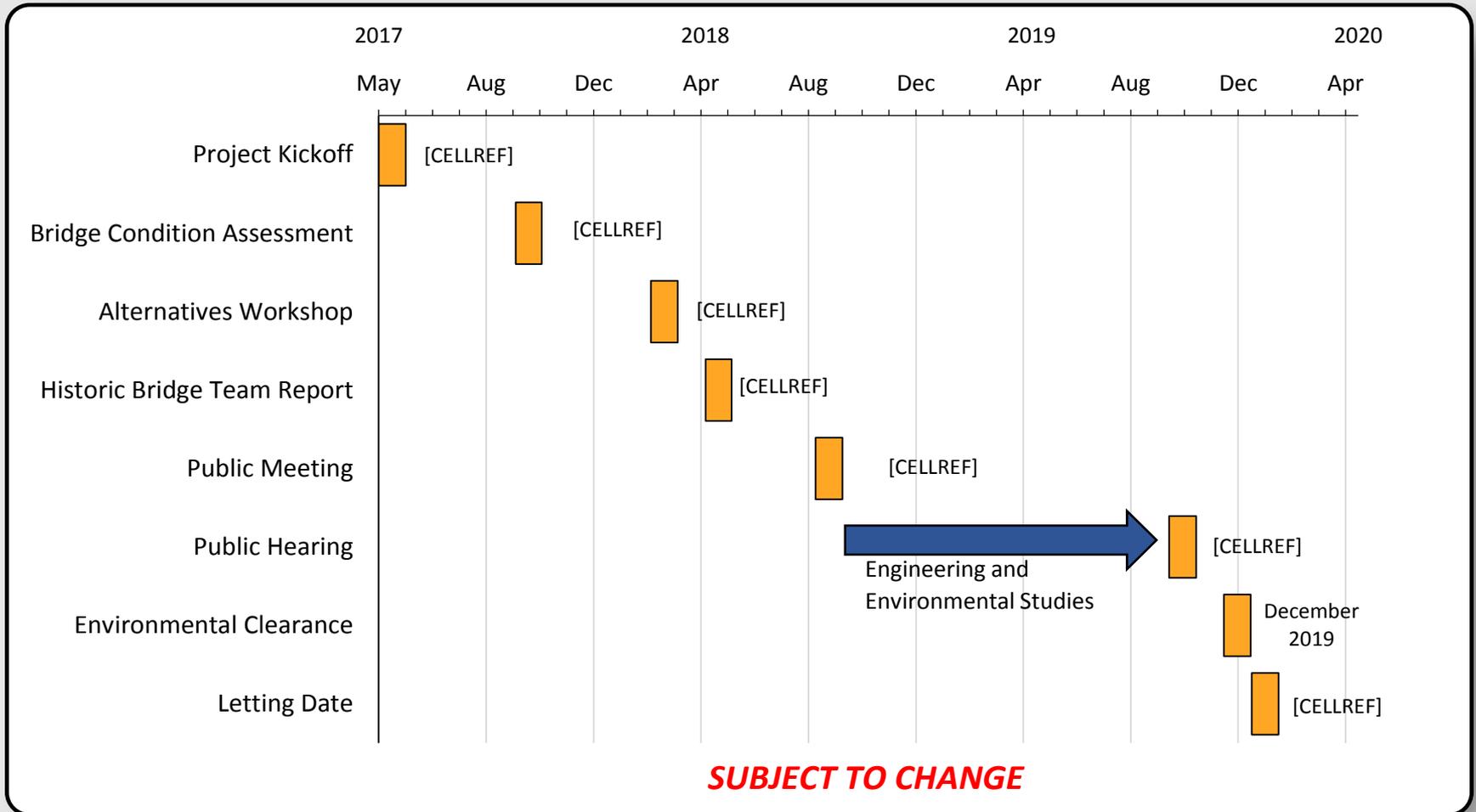
- Spokesperson will place alternatives on sticky wall and present ideas
- Alternatives will be discussed, some combined/eliminated
- Each alternative will be assigned a number

- All Stakeholders:
 - Pros:
 - Write as many pros as you can for each alternative
 - Pro sheets include the alternative number (i.e. Alt 1, Alt 2)
 - Write ONE pro for on each sheet, write BIG in marker please
 - Cons:
 - Write as many cons as you can for each alternative
 - Con sheets include the alternative number (i.e. Alt 1, Alt 2)
 - Write ONE con for on each sheet, write BIG in marker please
 - Pros and Cons will be placed under alternatives/grouped together as appropriate

Prioritize to Top Three Alternatives

- Pros and Cons will be grouped
- Group discussion on pros/cons
- Group decides what alternatives should be eliminated based on cons
- Group vote on top three alternatives

SH 63 / LA 8 Bridge Project Timeline



Next Steps And Contact Information

Next Steps:

- Review all feedback from today and begin analysis
- Please sign up to receive future project updates at (then provide link to project page when ready)
- Host public meeting in summer

- Call as needed with any questions:

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*Thank You for Your
Participation!*

