



# SH 63/LA 8 BRIDGE AT THE SABINE RIVER

Public Meeting

December 11, 2018

5:00 p.m. – 7:00 p.m.

## *Need for the Proposed Project:*

The project is needed because of the existing bridge's condition, dimensions, and location. Some of the issues relating to the bridge are provided below:

- Sabine River is changing course
- Bridge foundation problems
- Vehicles hitting overhead portions of the bridge
- Bridge is too narrow
- Bridge deterioration
- Outdated railing for modern vehicles

## *Purpose of the Proposed Project:*

The purpose of the proposed project is to provide a structurally sound bridge that allows Texas and Louisiana motorists to cross the Sabine River.



# EXISTING BRIDGE ISSUES

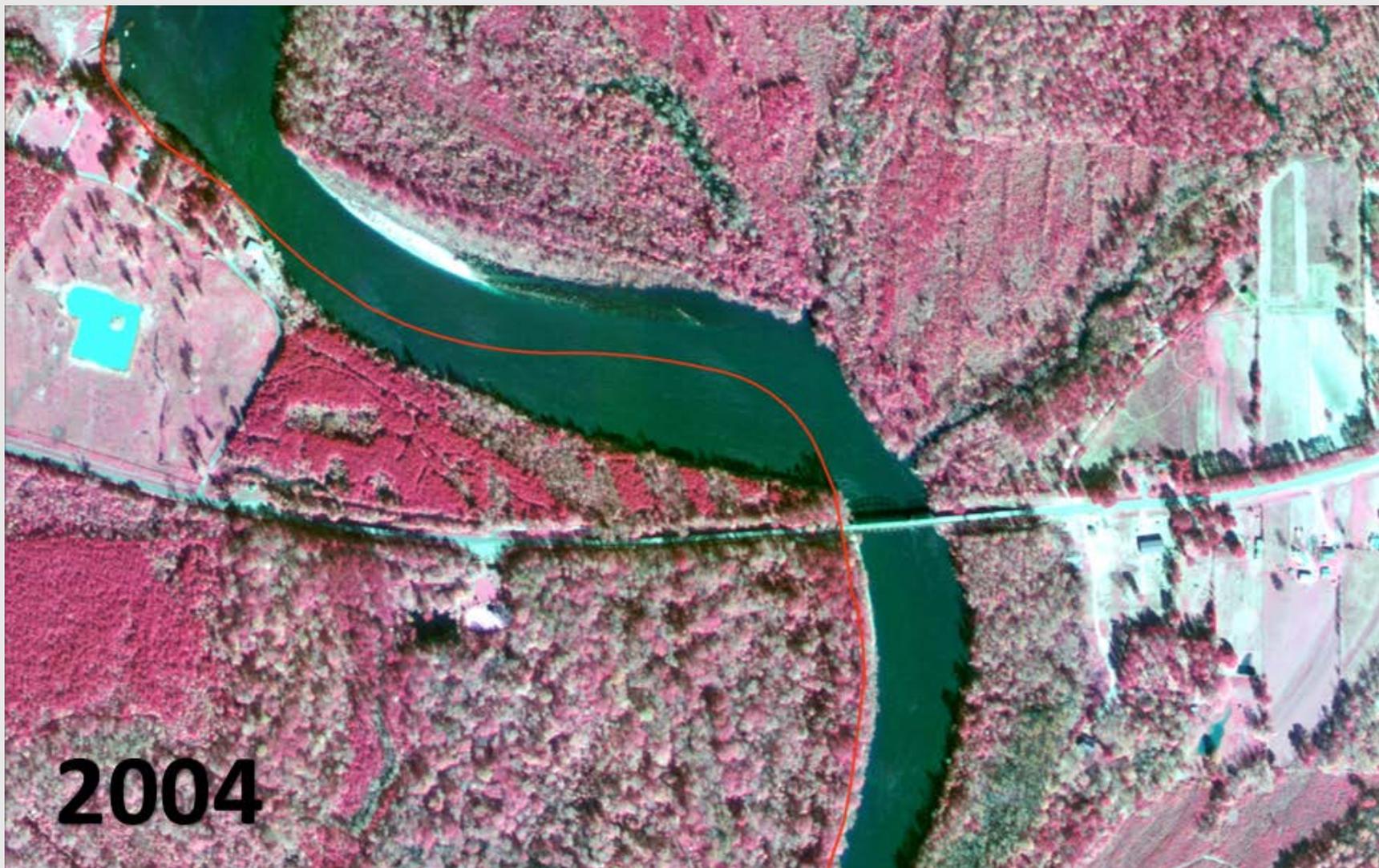
## Existing Bridge Issues: Sabine River is changing course



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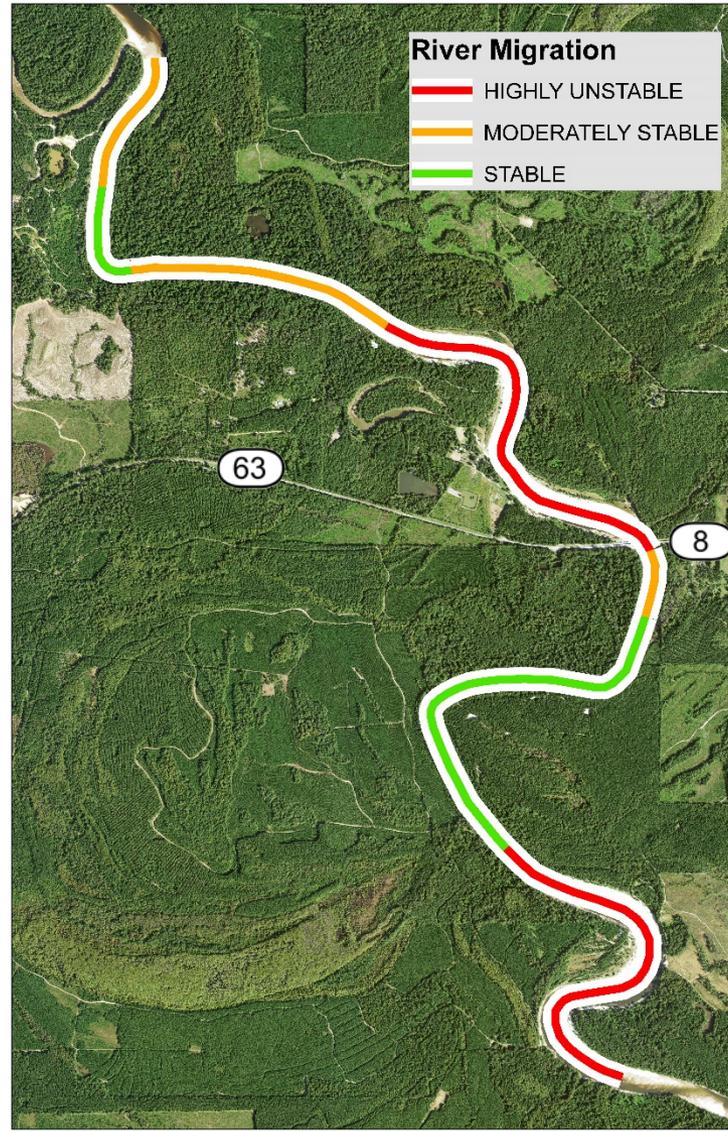
## Existing Bridge Issues: Sabine River is changing course



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# Existing Bridge Issues: Sabine River is changing course



## Existing Bridge Issues: Bridge foundation problems



Storm event damage

March 2016

## Existing Bridge Issues: Bridge foundation problems



Pier repairs due to soil erosion

February 2017

## Existing Bridge Issues: Bridge foundation problems



Pier repair due to soil erosion

September 2017

## Existing Bridge Issues: Bridge foundation problems



Pier repair due to soil erosion

September 2017

## Existing Bridge Issues: Bridge foundation problems



Pier repair due to soil erosion

September 2017

## Existing Bridge Issues: Vehicles hitting overhead portions of the bridge



Vertical clearance less than required 15'

## Existing Bridge Issues: Vehicles hitting overhead portions of the bridge



Vehicle impact twisting steel members

## Existing Bridge Issues: Vehicles hitting overhead portions of the bridge



Vehicle impact breaking steel members

# Existing Bridge Issues: Bridge is too narrow



## Existing Bridge Issues: Bridge is too narrow



Vehicle impact bending steel members

## Existing Bridge Issues: Bridge is too narrow



Vehicle impact breaking off portions of concrete posts

## Existing Bridge Issues: Bridge deterioration



General rust and corrosion on steel truss members

# Existing Bridge Issues: Bridge deterioration



Paint peeling & steel rusting



Rust reducing member size

# Existing Bridge Issues: Bridge deterioration



Concrete deteriorating



Concrete deteriorating

## Existing Bridge Issues: Outdated Railing for Modern Vehicles



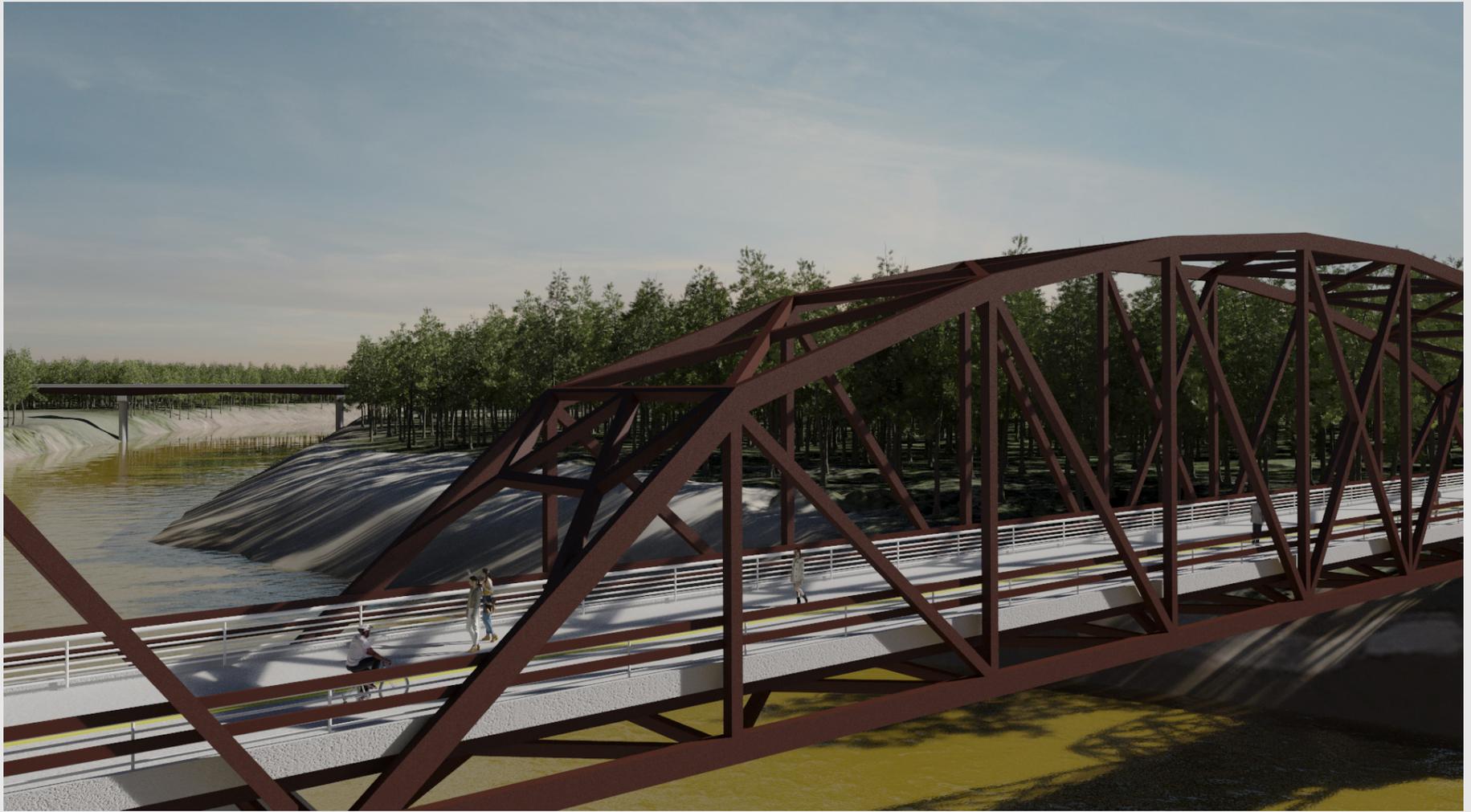


# PRELIMINARY BRIDGE OPTIONS

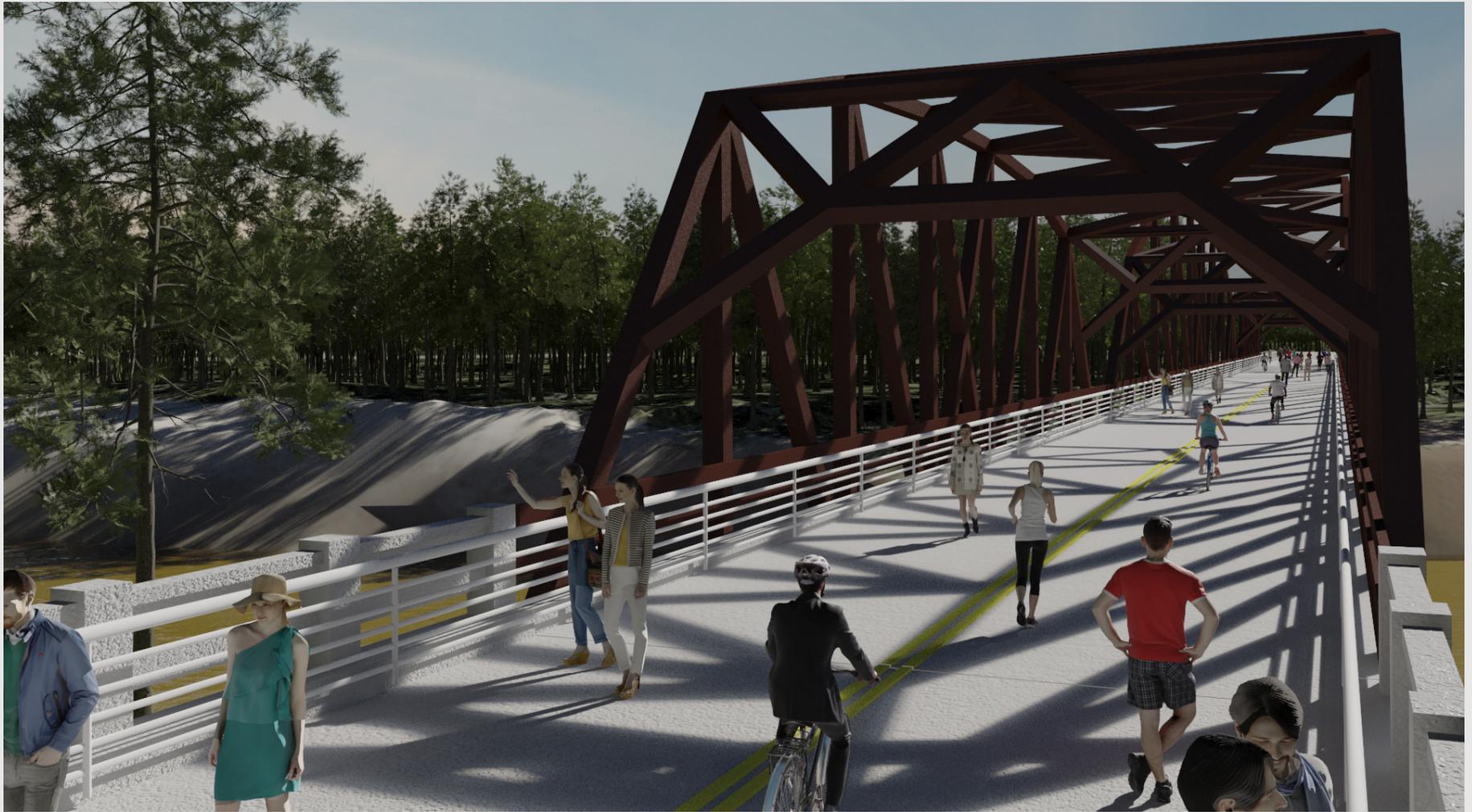
# Preliminary Bridge Options: Repair for Continued Use



# Preliminary Bridge Options: Convert to Pedestrian Bridge



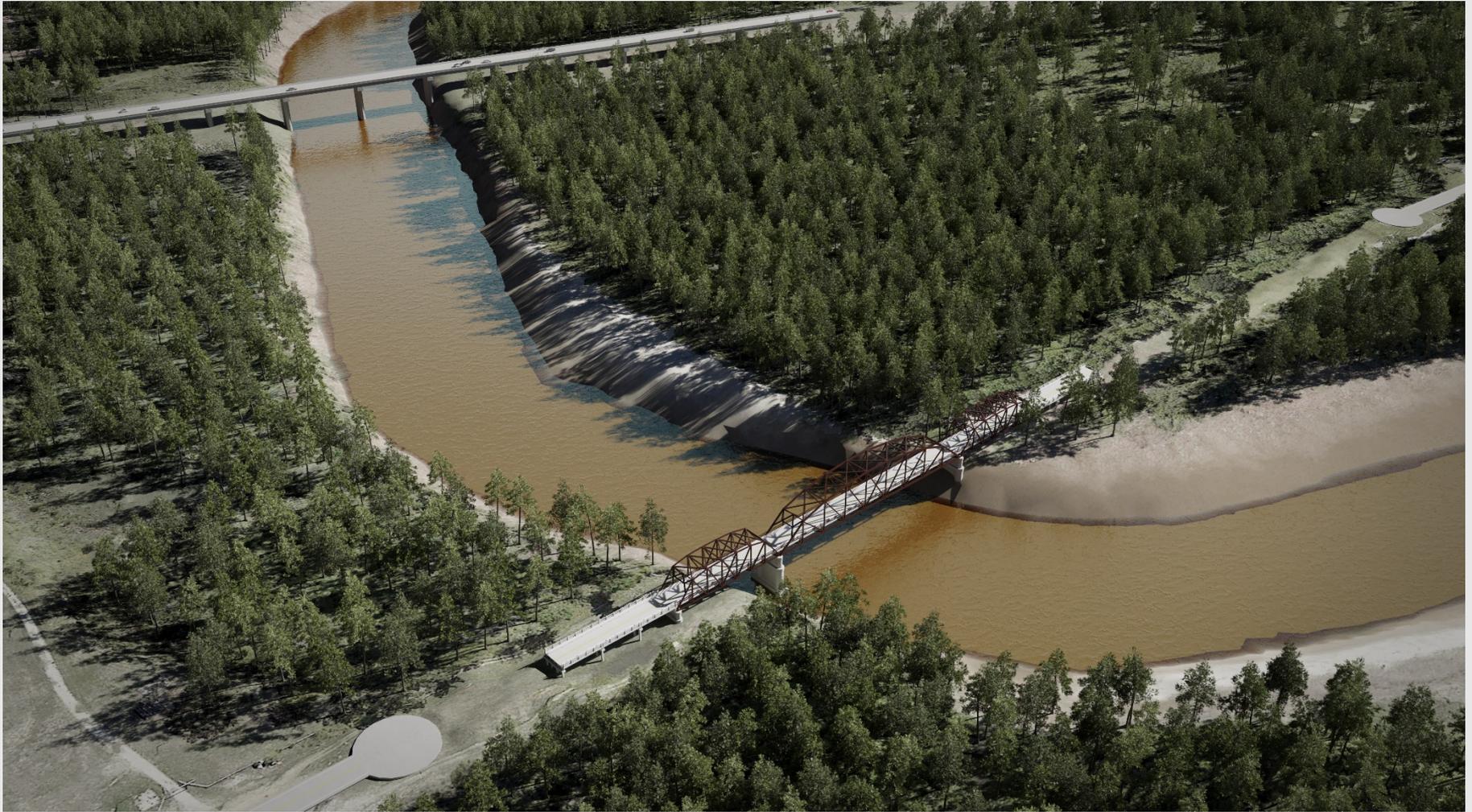
# Preliminary Bridge Options: Convert to Pedestrian Bridge



# Preliminary Bridge Options: Convert to Scenic Bypass



# Preliminary Bridge Options: Close and Build New



# Preliminary Bridge Options: Demolish and Build New

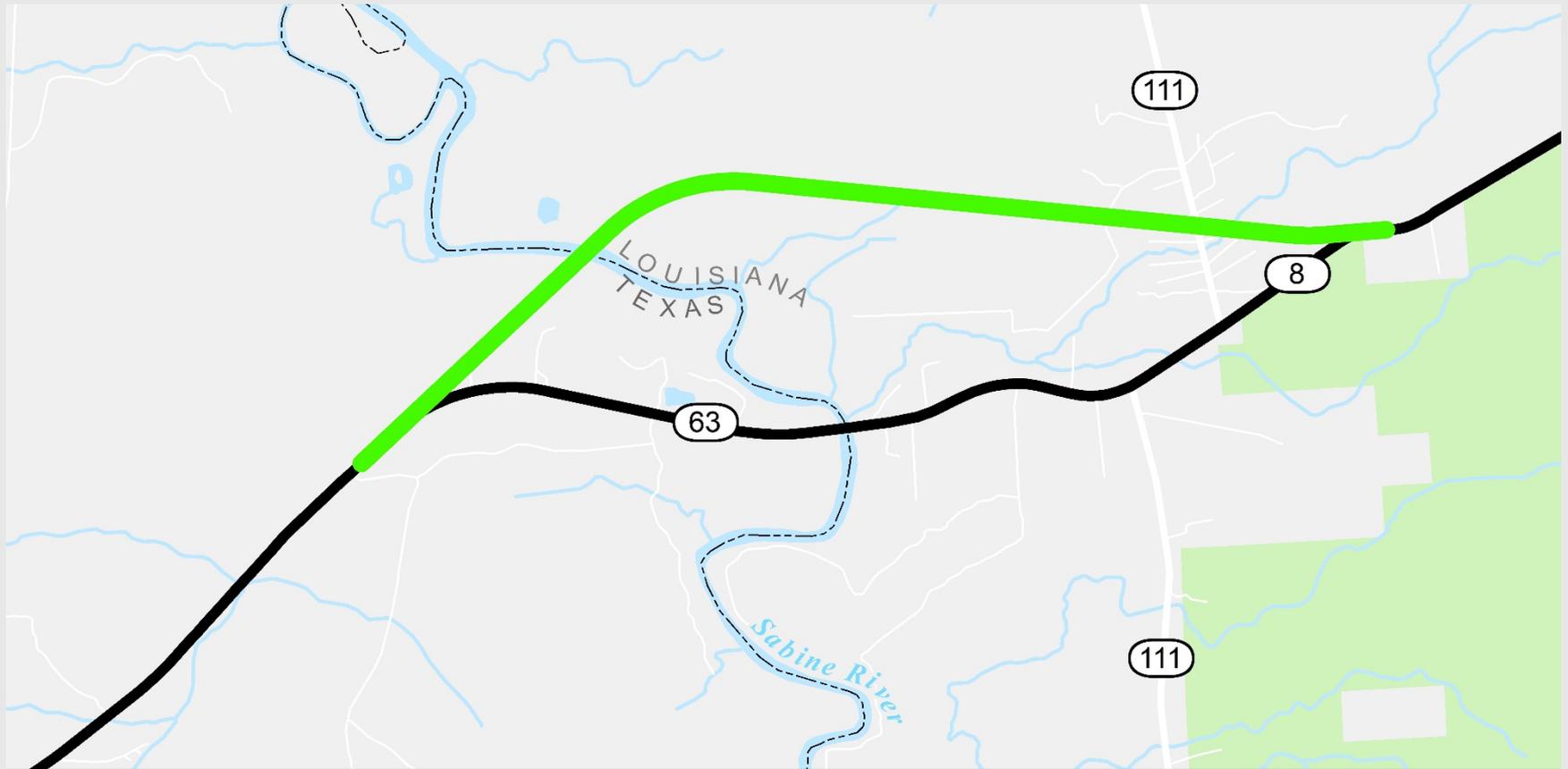




# CONCEPTUAL ROUTE ALTERNATIVES

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# Conceptual Route Alternatives: Alternative A (Green)



## Alternative A (Green)

### Combine with Preliminary Bridge Options:

- Convert to Pedestrian Bridge
- Convert to Scenic Bypass
- Close and Build New
- Demolish and Build New

# Conceptual Route Alternatives: Alternative B (Orange)

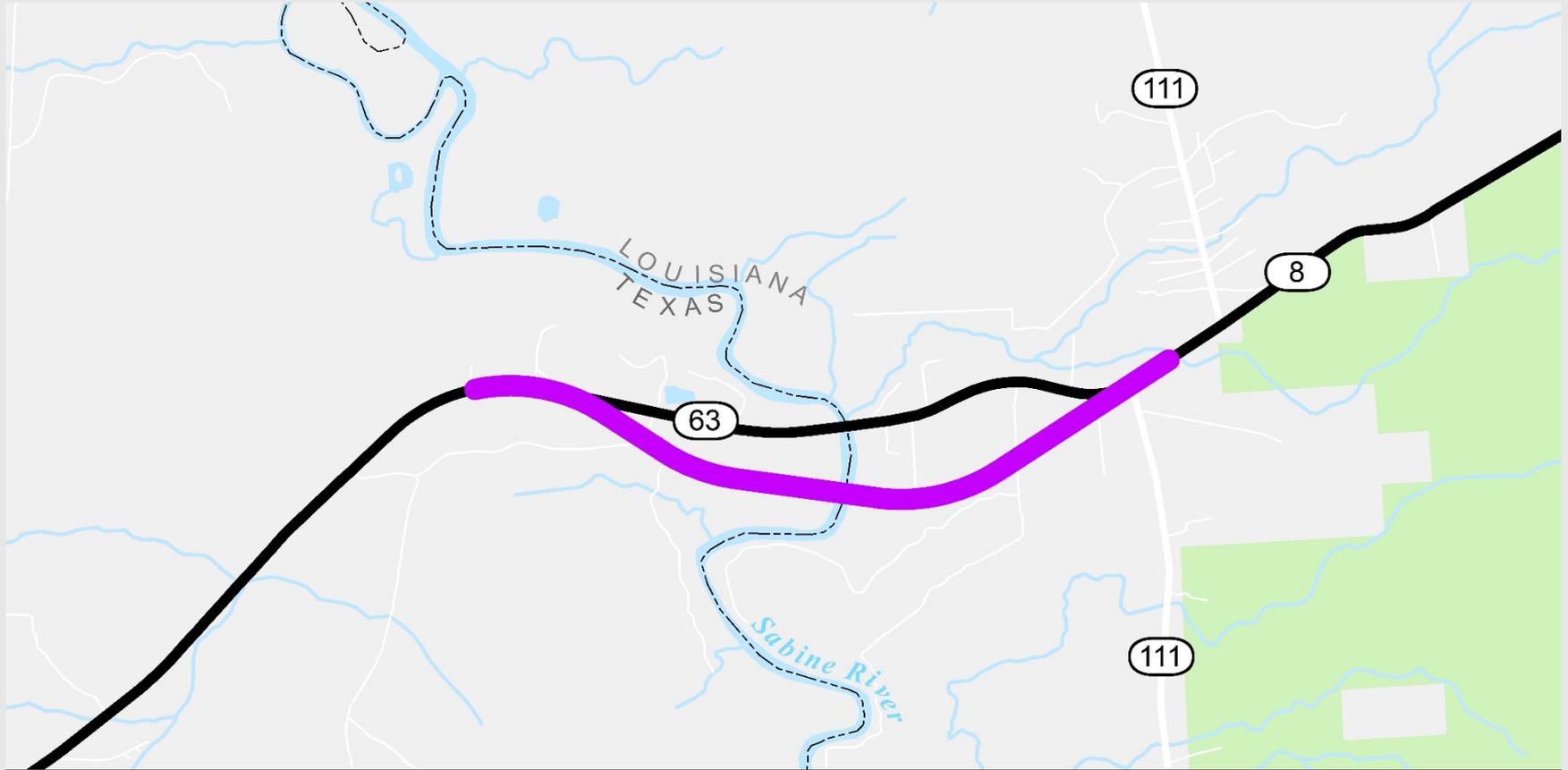


## Alternative B (Orange)

### Combine with Preliminary Bridge Options:

- Convert to Pedestrian Bridge
- Convert to Scenic Bypass
- Close and Build New
- Demolish and Build New

# Conceptual Route Alternatives: Alternative C (Purple)

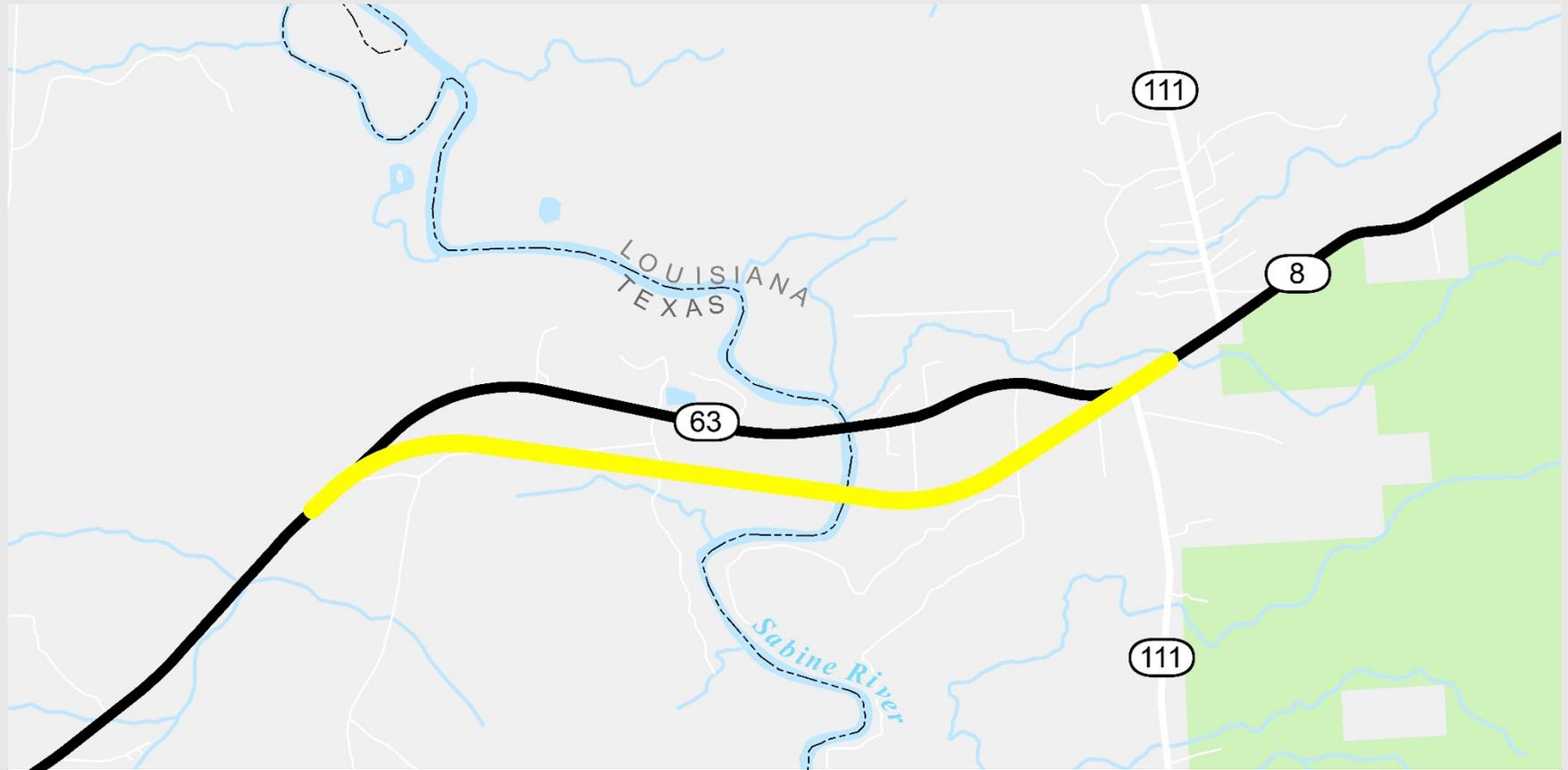


## Alternative C (Purple)

### Combine with Preliminary Bridge Options:

- Convert to Pedestrian Bridge
- Convert to Scenic Bypass
- Close and Build New
- Demolish and Build New

# Conceptual Route Alternatives: Alternative D (Yellow)

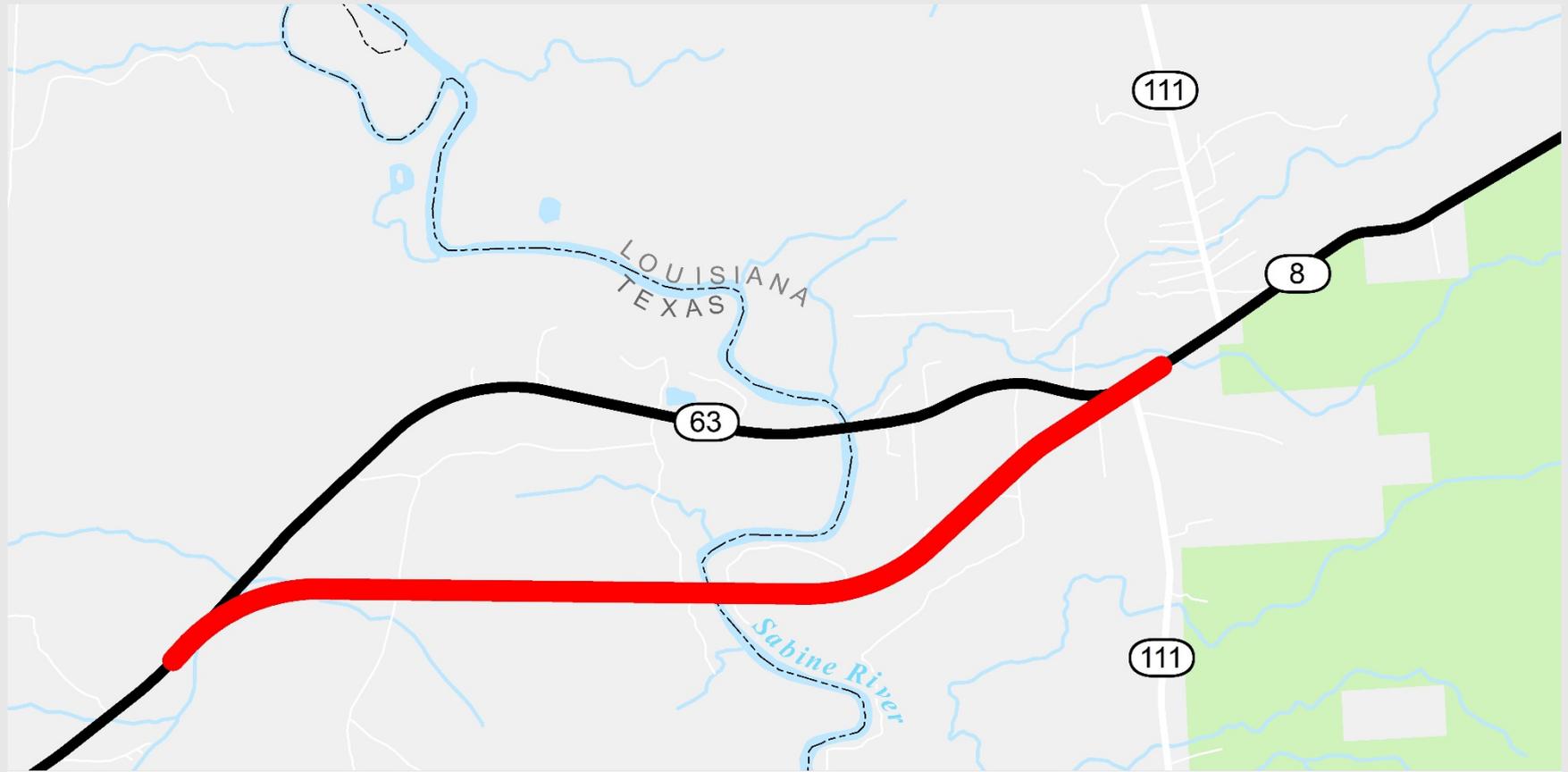


## Alternative D (Yellow)

### Combine with Preliminary Bridge Options:

- Convert to Pedestrian Bridge
- Convert to Scenic Bypass
- Close and Build New
- Demolish and Build New

# Conceptual Route Alternatives: Alternative E (Red)



## Alternative E (Red)

### Combine with Preliminary Bridge Options:

- Convert to Pedestrian Bridge
- Convert to Scenic Bypass
- Close and Build New
- Demolish and Build New



# PUBLIC COMMENTS

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Comments must be submitted on or before **Wednesday, January 2, 2019**, to be part of the meeting record.

How to provide comments:

- ✓ Turn in a comment card tonight
- ✓ Email comments to Andrew Lee, PE at:  
[SH63-LA8bridge@blantonassociates.com](mailto:SH63-LA8bridge@blantonassociates.com)
- ✓ Mail or hand deliver comment card to:  
Andrew Lee, PE  
TxDOT Beaumont District  
8350 Eastex Freeway  
Beaumont, TX 77708
- ✓ Submit comments online at [www.TxDOT.gov](http://www.TxDOT.gov)  
keyword search “SH 63/LA 8 Bridge

***Thank You for Your  
Participation!***

