

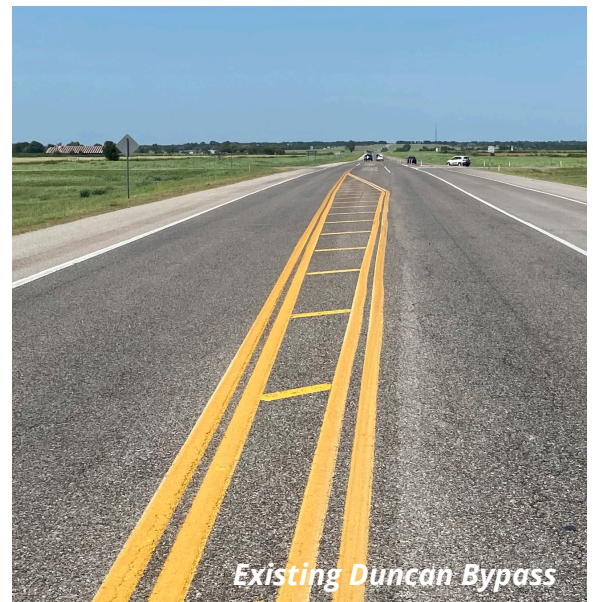
# PROJECT BACKGROUND

The current intersection of Duncan Bypass and Elk Avenue is a 2-way stop-controlled at-grade intersection that requires safety improvements to accommodate future traffic growth and a future four-lane divided highway. ODOT tasked a design consultant to evaluate alternatives for improving the Duncan Bypass and Elk Avenue intersection, while taking into consideration construction costs, already acquired right-of-way for the future four-lane divided highway, constructability, traffic operation, environmental constraints, and safety, and to identify the most feasible interchange design alternative for the subject location.

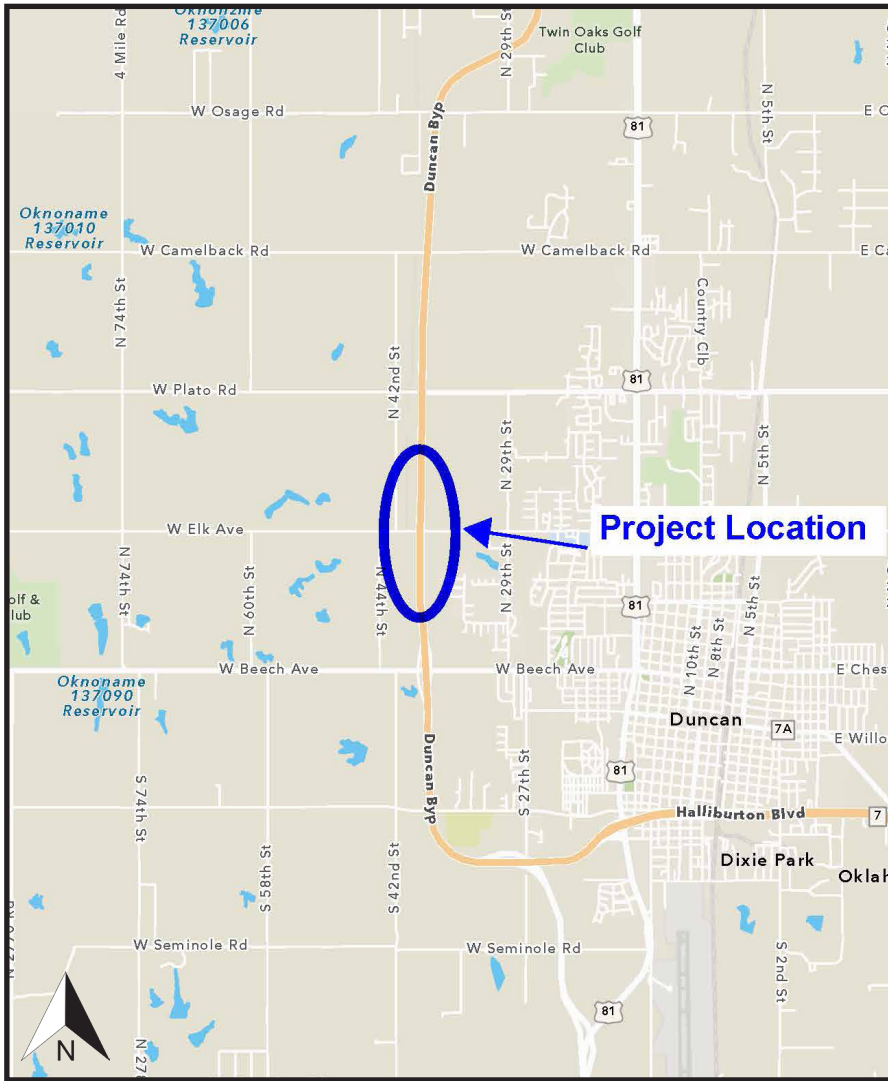
Three alternatives were evaluated for a grade separated interchange: Duncan Bypass over Elk Avenue on an offset alignment, Duncan Bypass over Elk Avenue on existing alignment, and Elk Avenue over Duncan Bypass. All alternatives were assumed to be constructed within the existing right-of-way to minimize environmental impacts. Based upon the completed engineering review, the preferred alternative is the Duncan Bypass over Elk Avenue on an offset alignment. This virtual open house presents the preferred alternative which achieves the purpose of the project. The purpose and need of this project is to improve intersection safety and operations to reduce collisions.

## PROJECT DESCRIPTION

ODOT proposes to construct an overpass and interchange at Duncan Bypass and Elk Avenue, with Duncan Bypass elevated over Elk Avenue (see figure 1 for details). Constructing an interchange on an offset alignment will offer improvements to accommodate future traffic growth and enhanced safety, and offer a straight roadway between Elk and Beech avenues. The existing Duncan Bypass and Elk Avenue will remain open during construction and access to residences and businesses will be maintained.



# Project Location



# Project Information Summary

- Total Estimated Construction Cost of Project: **\$9.5 million**
- Right-of-way Acquisition and Utility Relocation Anticipated to Start in: **N/A**
- Construction Anticipated to Start in: **2025**
- Current Annual Average Daily Traffic (AADT) in year 2021:  
**Duncan Bypass - 8,900 Vehicles Per Day (VPD)**  
**Elk Avenue - 4,830 VPD**
- Future Estimated AADT by Year 2045:  
**Duncan Bypass - 14,950 VPD**  
**Elk Avenue - 8,090 VPD**

## District 7 Engineer: Jay Earp

*\*Totals DO NOT include Toll Roads \*\*Totals DO NOT include County Bridges*

### \*Total Road Miles:

1,418.46

### \*Total Interstate Miles:

1.38

### \*\* Total Bridges

788

**Counties:** Caddo, Carter, Comanche, Cotton, Grady, Jefferson, Love, Murray, **Stephens**

**PLEASE PROVIDE YOUR COMMENTS BY APRIL 26, 2022**

**For more information about the project**

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If you would like interpretation of documents please contact ODOT.



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