

At-Grade Rail Crossing Safety

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OKLAHOMA
Transportation

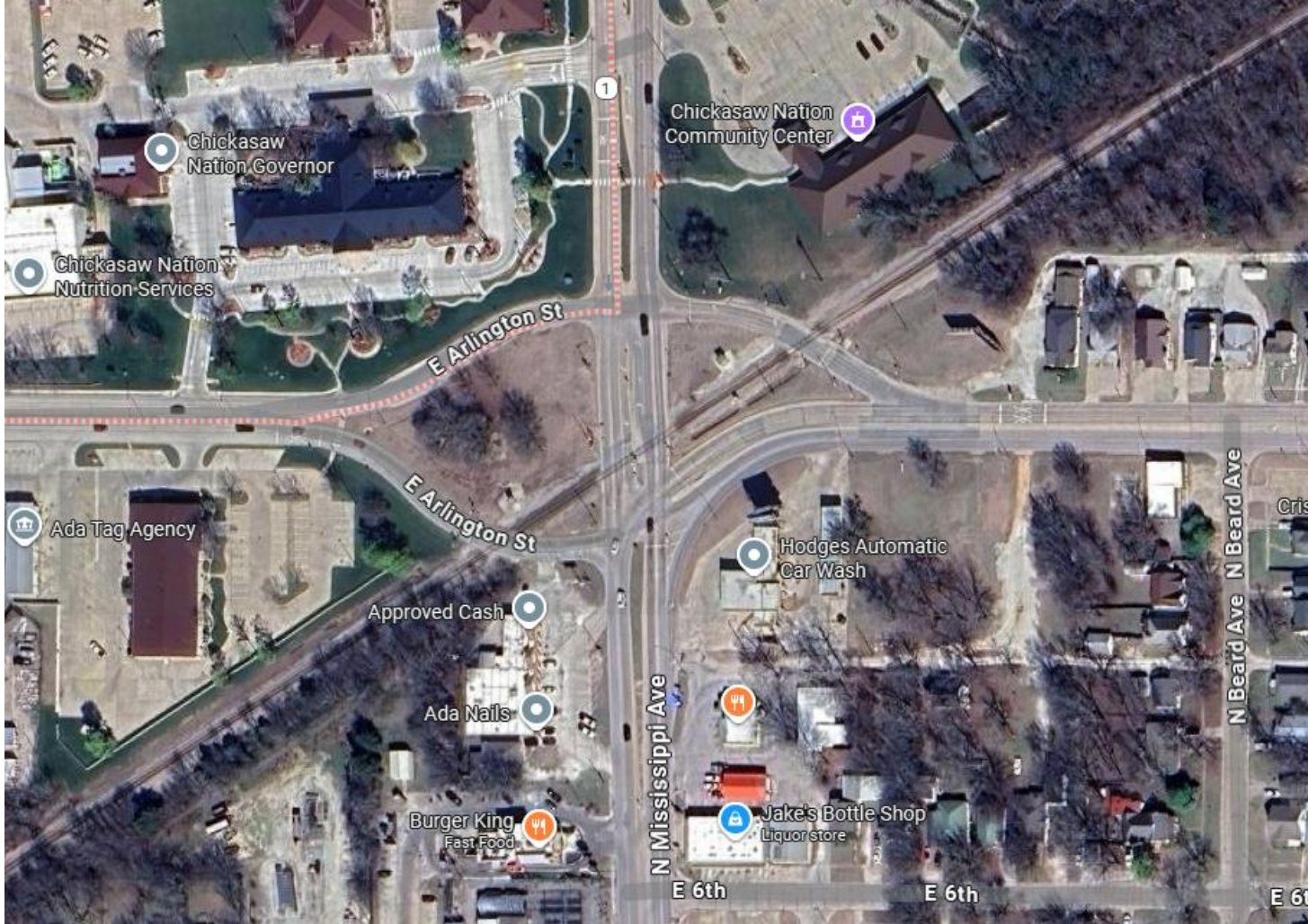
Our mission

The mission of the Oklahoma Department of Transportation is to provide a safe, economical and effective transportation network for the people, commerce and communities of Oklahoma.



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What is an At-Grade Rail Crossing



There are over 3,450 at-grade railroad crossings in the state

Section 130 Program

Section 130 Overview

- Section 130 is the At-grade Rail-Highway Crossing Safety Program
- A part of the Highway Safety Improvement Program.
- As of FFY 2022, in accordance with 23 USC 130(F), Section 130 projects are funded at 100% federal share
- Oklahoma is appropriated \$5.6 million annually
- ODOT allows up to \$8 million to be spent due to the safety benefit from decreased fatalities



Safety Improvement: Closed Crossing



- Cost Estimate \$15,000 per location
- Usually done in conjunction with a corridor
- Road Authority could be paid \$200,000 for closure

Safety Improvement: Stop/Yield



Cost Estimate \$5,000 per location

Safety Improvement: Lights & Gates



Cost Estimate \$500,000 per location

Safety Improvement: Cantilevers



Cost Estimate \$750,000 per location

Safety Improvement: Median Barrier



Cost Estimate \$100,000 per location

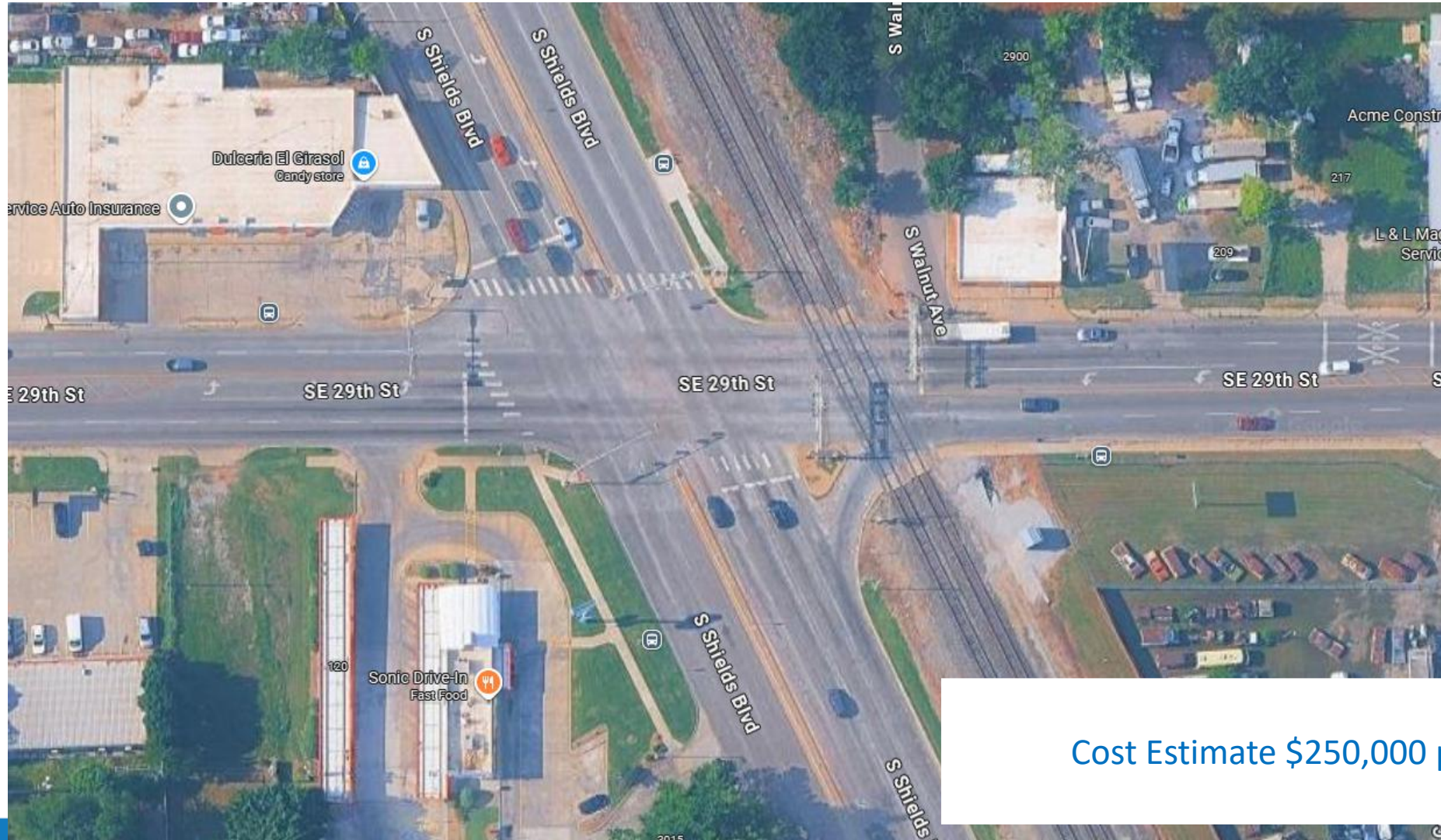
Safety Improvement: Humped Crossing

Addington Bend before project



Cost Estimate \$5,000 per location

Safety Improvement: Traffic Signal Pre-emption

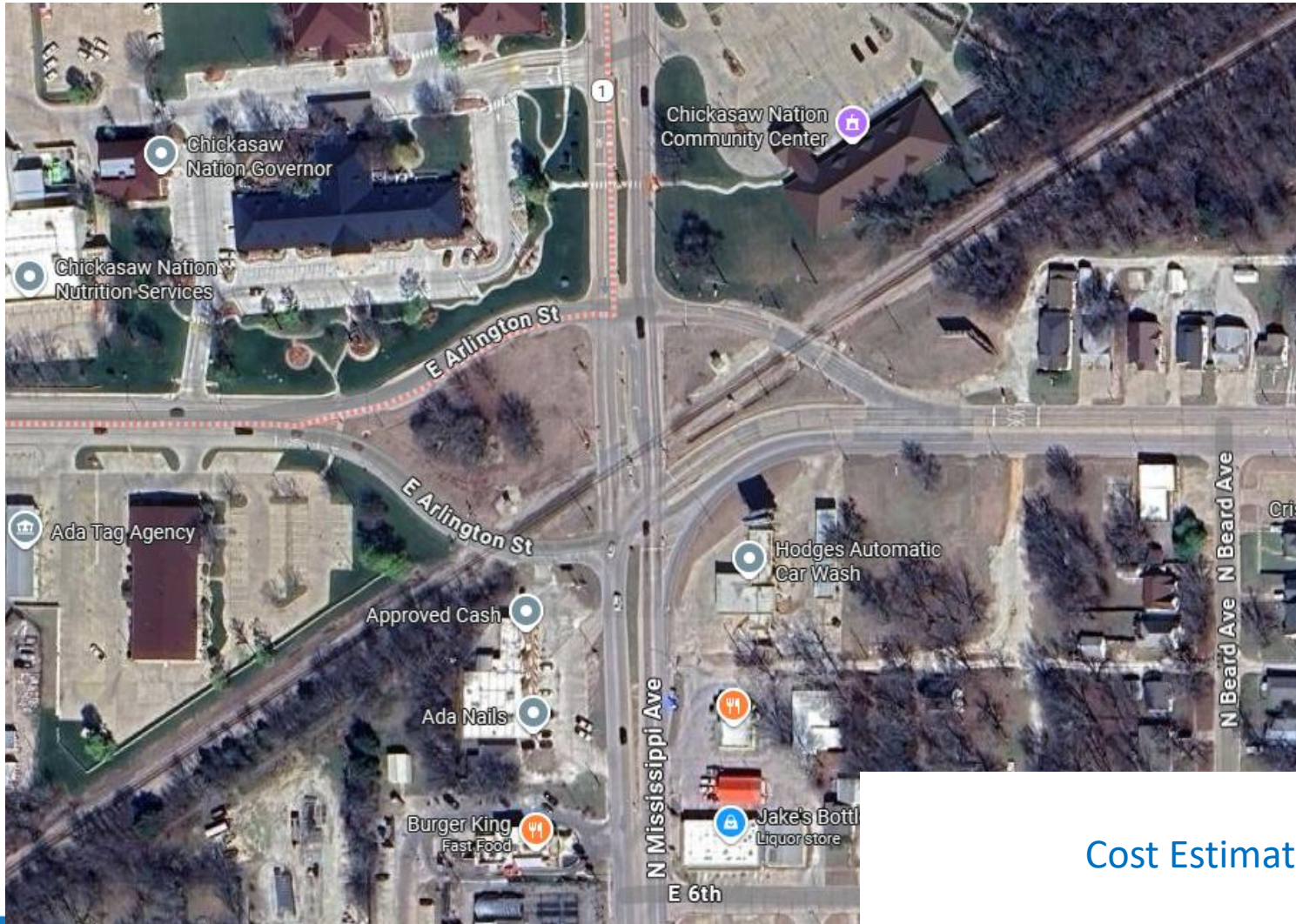


Cost Estimate \$250,000 per location



Beyond Section 130

Safety Improvement: Complex – Crazy Corners



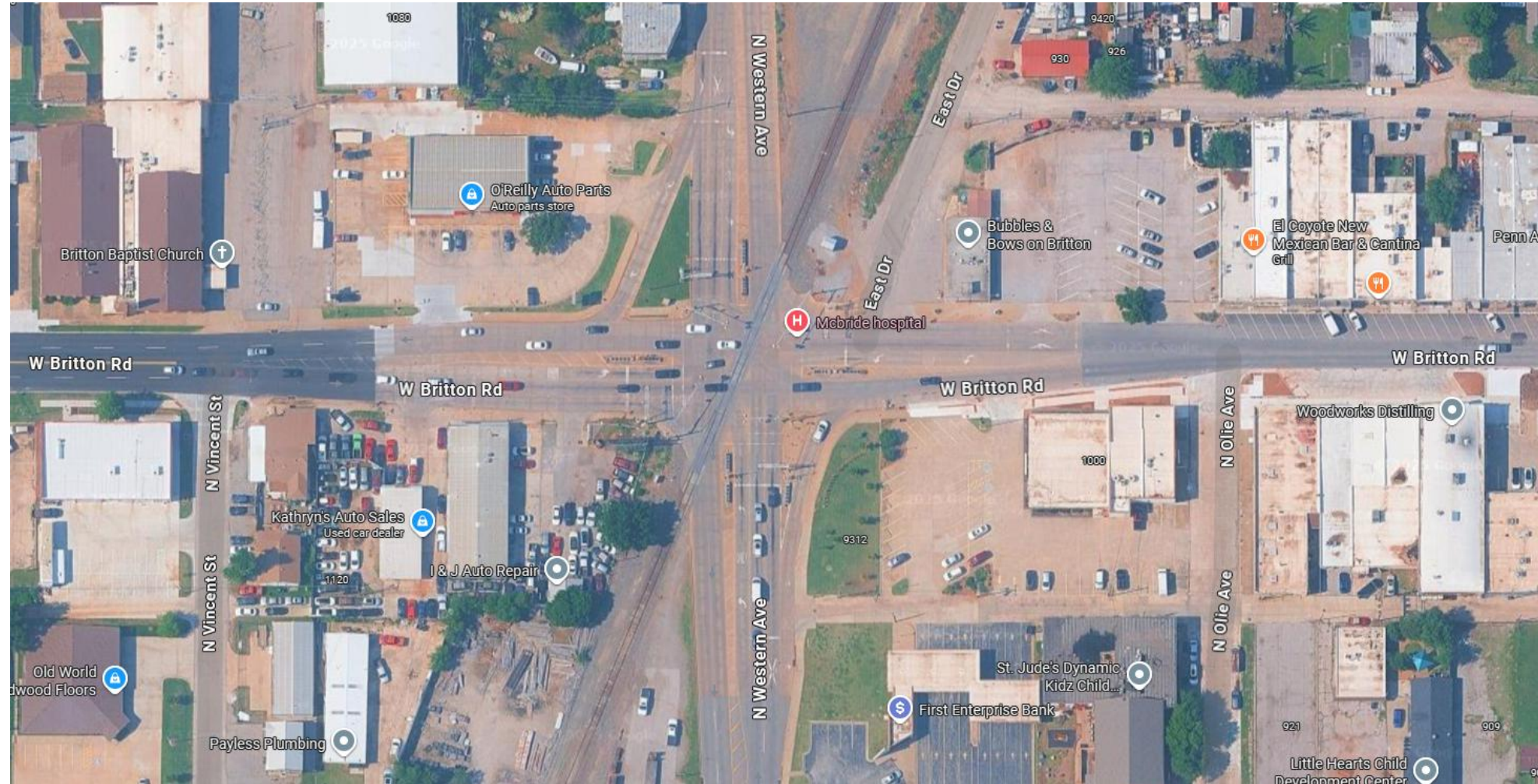
Cost Estimate \$10,000,000

Safety Improvement: Complex – Crazy Corners



Cost Estimate \$10,000,000

Safety Improvement: Complex – Britton & Western



Safety Improvement: Complex – Britton & Western



Safety Improvement: Grade Separation - SH-37/S.E. 4th Street, Moore



Cost Estimate \$30 to \$50+ Million

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Questions?



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