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Traffic Safety Analysis Report

Reference: 151st Street Corridor – Glenpool, Oklahoma

Reporting Periods: October 2024 – April 2025 vs. October 2025 – April 2026

Overview

This report summarizes traffic accident data along the 151st Street corridor within the City of Glenpool, comparing two consecutive six-month periods. The purpose is to evaluate the impact of speed reduction measures implemented by the Oklahoma Department of Transportation (ODOT).

Category	Oct 2024 – Apr 2025	Oct 2025 – Apr 2026	Change
Injury Accidents	23	11	↓ 52%
Non-Injury Accidents	37	22	↓ 41%
Total Accidents	60	33	↓ 45%

Analysis

Based on available data, the Glenpool Police Department believes that the speed reduction implemented by ODOT has had a measurable and positive impact on public safety along the 151st Street corridor. The reduction in both injury and non-injury accidents suggests improved driving conditions and reduced crash severity.

Jurisdictional Considerations

These statistics reflect only incidents handled by the Glenpool Police Department, which has limited jurisdiction along portions of 151st Street. The Oklahoma Highway Patrol (OHP) shares jurisdiction and has maintained an active presence in the area. OHP's enforcement efforts have likely contributed to accident reduction and overall roadway safety.

Conclusion

The data demonstrates a clear and consistent reduction in traffic accidents following the implementation of reduced speed limits along the 151st Street corridor. These findings suggest that the measures introduced by the Oklahoma Department of Transportation (ODOT) have had a positive impact on roadway safety. Continued collaboration between the Glenpool Police Department, ODOT, and the Oklahoma Highway Patrol will be critical to maintaining and further enhancing these safety improvements.

Additionally, the City of Glenpool is actively working with ODOT to obtain legal descriptions of properties adjacent to the 151st Street corridor. This effort supports the City's ongoing annexation process, which will ultimately provide the Glenpool Police Department with full authority over the entirety of 151st Street within city limits. Expanded jurisdiction will allow for more comprehensive enforcement of traffic and criminal laws, further contributing to public safety along this corridor.