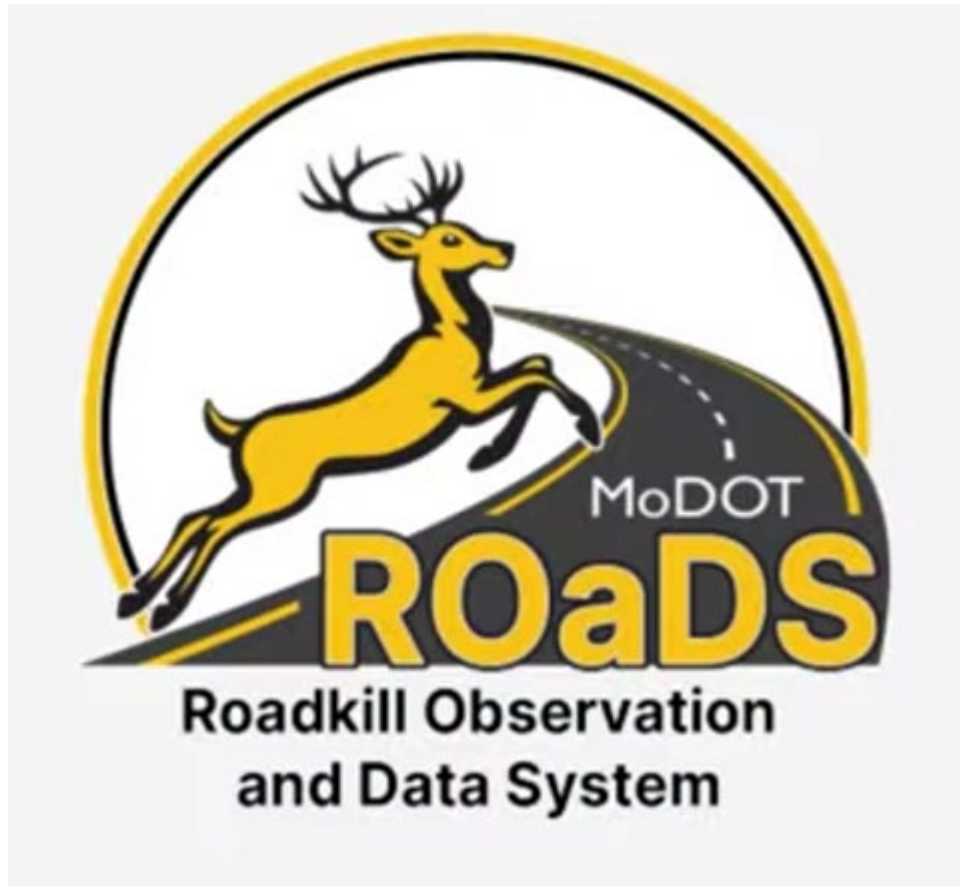


Projects April 2026

Roadkill Observation and Data System: ROaDS



Description and Benefit

The Roadkill Observation and Data System (ROaDS) is a Missouri-specific wildlife-vehicle collision survey designed to identify collision hotspots and guide mitigation strategies for improved motorist safety and wildlife habitat connectivity. Built on Esri's free ArcGIS Survey123 platform, the system enables field staff and the public to easily report roadkill and wildlife sightings via mobile devices, streamlining data collection and accuracy. Modeled after a national framework and integrated with MoDOT's statewide collision study, ROaDS supports cost-effective, in-house data gathering that reduces delays, enhances transportation planning, and promotes environmental stewardship. By leveraging real-time dashboards and standardized reporting, this innovation empowers citizen scientists and agencies to collaborate in reducing wildlife-vehicle collisions and improving roadway safety.

For More Information Contact

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