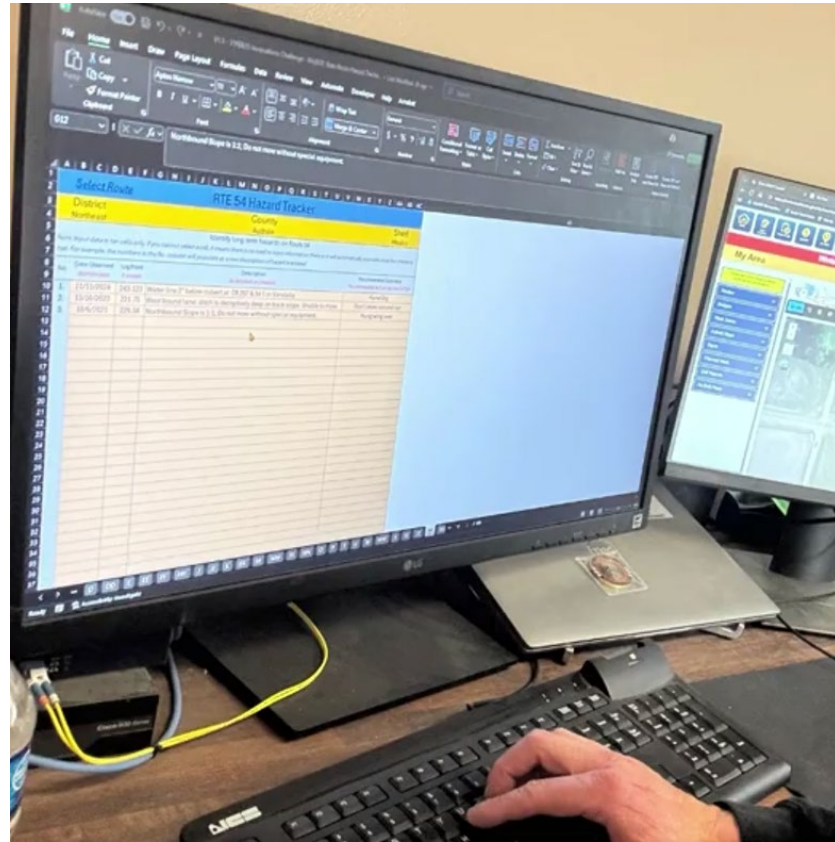


Long-Term Field Condition Tracker



Description and Benefit

The Long-Term Field Condition Tracker is an Excel-based tool designed to strengthen MoDOT's Risk-Based Assessment (RBA) process by creating a structured, long-term record of field conditions encountered during highway maintenance operations. It replaces reliance on short-term reports and memory-based knowledge with a centralized, searchable database that allows crews to log conditions by route, location, and activity, along with recommended precautions. This innovation improves safety, efficiency, and cost-effectiveness by promoting awareness of repeat risks, simplifying planning, and enabling faster, data-driven decisions that reduce downtime, equipment damage, and incident-related costs. Future integration into the MoDOT Management System (MMS) will expand its impact agency-wide, standardizing field condition documentation and transforming it from a reactive record into a proactive planning tool. By preserving lessons learned and turning field experience into actionable insights, the Long-Term Field Condition Tracker supports MoDOT's safety culture and fosters continuous improvement in highway maintenance operations.

For More Information Contact

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