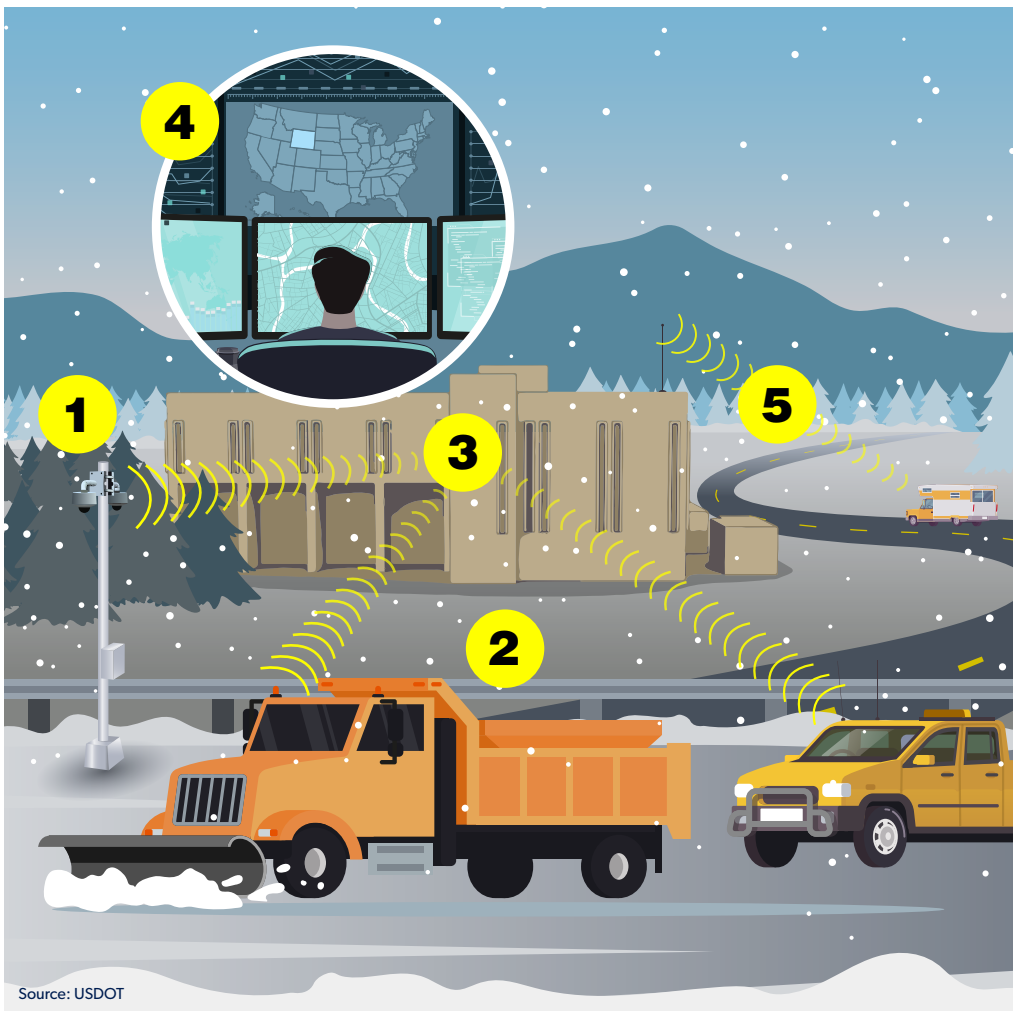




How WYDOT Shares Critical Road-Closure Data with Navigation Companies and Road Users

Closed Means Closed: When travel conditions are no longer safe to road users, WYDOT may need to close roads to prevent serious incidents and life-threatening recovery operations.

The Wyoming Department of Transportation (WYDOT) is now providing third-party access to a powerful tool known as the Situation Data Exchange (SDX). In conjunction with operators and staff at WYDOT's Transportation Management Center (TMC), navigation companies with access to the SDX will have a new, reliable source of real-time travel information such as weather advisories, variable speed limits, road closure notifications, and vehicle weight restrictions. WYDOT partner Trihydro, an engineering and environmental consulting firm based in Laramie, Wyoming, developed the SDX to support the Wyoming Connected Vehicle Pilot, a WYDOT project funded by the U.S. Department of Transportation (USDOT).



1. CCTV and RWIS (Road Weather Information System) stations capture real-time weather and travel data.
2. Snowplows, fleet vehicles and individual counties transmit closure data to the TMC located in Cheyenne, WY.
3. The SDX collects, stores, and distributes information for connected and automated vehicles (CAVs). WYDOT is able to distribute important traveler information to increase safety through the SDX.
4. Operators and even an on-site meteorologist monitor current and future weather conditions. WYDOT provides a data feed from the TMC to Wyoroad.info and the Commercial Vehicle Operator Portal (CVOP).
5. Data is transmitted from TMC operators and through the SDX, Wyoroad.info, and CVOP to travelers.

Source: USDOT

What You Should Know

Snow, high winds, and severe weather conditions may require WYDOT to close Interstate 80 (I-80) – the state's primary east-west highway. In such weather, conditions on secondary roads are often even more dangerous. Wyoming residents and visitors can visit WYDOT's Travel Information Service website at wyoroad.info for the latest information on road conditions and closures, including an interactive travel information map.

