

LET'S PUT WORK ZONES ON THE MAP

What is WZDx?

Work zones can be dangerous to all roadway users and are difficult to navigate for automated vehicles. Speeds change, lanes change, and construction workers are often present and at risk.

The Work Zone Data Exchange advances the deployment of standardized, open data feeds that make real-time, accurate, and actionable work zone data available for third-party use. The data will be open-source and standardized to better inform Infrastructure Owners and Operators, navigation systems, and roadway users in order to prevent work zone crashes and injuries Nationwide.



Source: U.S. Department of Transportation Federal Highway Administration





WZDx is unique, necessary, and achievable

- Community-developed data specifications, such as the General Transit Feed Specification for public transportation, are widely used by transportation agencies Nationwide. The [WZDx specification](#) is the first open specification for sharing information on work zone events.
- This technology has the capacity to save lives, protect property, and prepare the U.S. for automated vehicle deployment.
- An ecosystem of software and hardware tools is growing. The U.S. Department of Transportation (USDOT), the Work Zone Data Working Group, and industry partners offer technical assistance to speed and facilitate adoption of the WZDx specification.

Industry support is growing

- 100+ organizations — including State and local departments of transportation, construction firms, mapping companies, and vehicle technology manufacturers — participate in the [Work Zone Data Working Group](#). Working Group members are dedicated to developing and implementing the WZDx specification in work zones Nationwide.
- In January 2021, 13 States were awarded a total of \$2.4 million in demonstration grants to implement the WZDx specification and support its continued development. Find grant project summaries [here](#).

Put Work Zones on the Map

Put Work Zones on the Map is a new Federal Highway Administration (FHWA) awareness campaign designed to educate and engage current and potential partners on the capabilities, benefits, and progress of WZDx. Departments of transportation, construction companies, mapping companies, and vehicle technology manufacturers can help increase awareness about WZDx and encourage voluntary adoption of the data specification.

We invite you to join others and support WZDx

- Join the [Work Zone Data Working Group](#) to learn more about WZDx and what you can do to implement the WZDx Specification by emailing avdx@dot.gov. Your level of involvement is up to you.
- Share social media posts and graphics, factsheets, postcards, and more from our online [communications toolkit](#).
- Help promote webinars and direct stakeholders to the WZDx website to learn more.
- Connect your communications staff or department with the *Put Work Zones on the Map* campaign by emailing Martha Kapitanov, Federal Highway Administration, at martha.kapitanov@dot.gov.

Together, we can create smarter and safer roadways by putting work zones on the map and improving the way we navigate work zones daily. For more information on WZDx and *Put Work Zones on the Map*, visit the [WZDx website](#).

