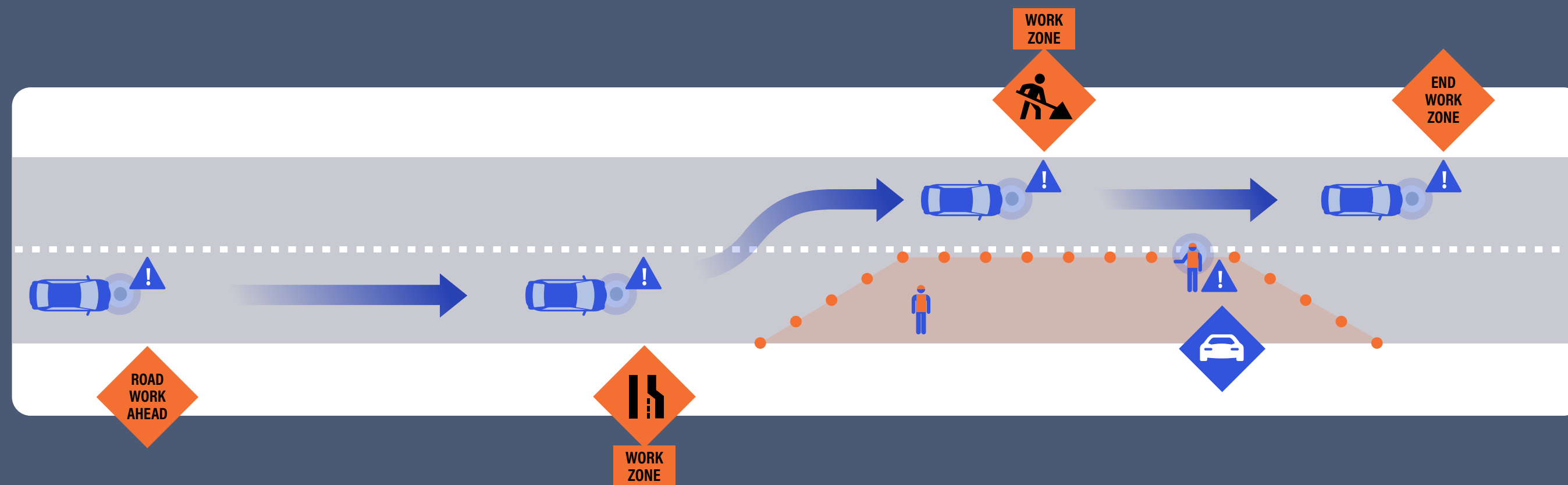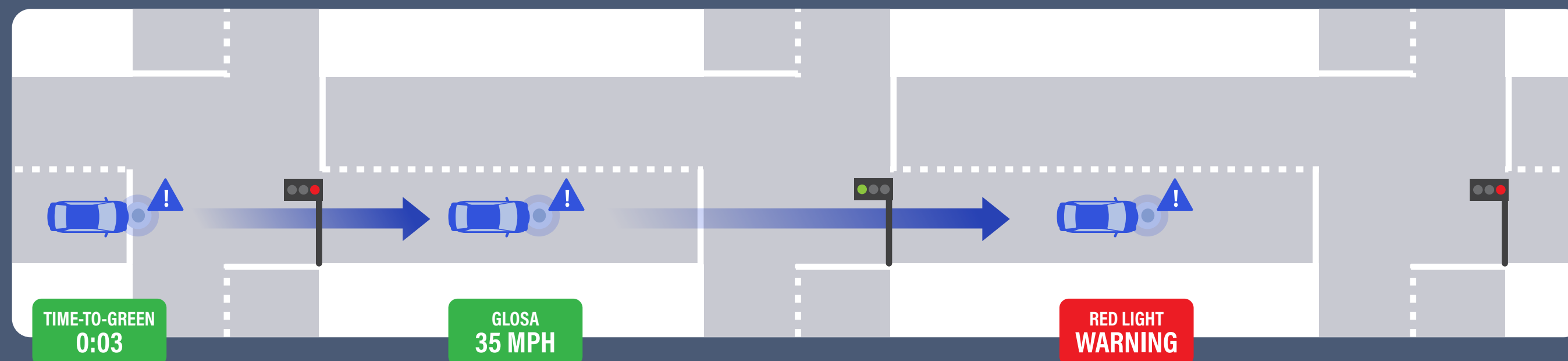# C-V2X Summit

C-V2X direct communications is designed to allow cars to communicate with other vehicles, the infrastructure and other road users without the involvement of a cellular network. Here are some examples of C-V2X benefits.

Work Zone and Vulnerable Road User

Designed to protect drivers and other road users

Work Zone roadside safety messages offer a greater awareness for the driver and vulnerable maintenance and construction personnel in work zones as C-V2X signals timely warnings to the worker and nearby driver.

WORK ZONE

END WORK ZONE

ROAD WORK AHEAD

WORK ZONE

Traffic Light Information

Designed to improve traffic safety

With direct C-V2X, Time-to-Green countdown and Green Light Optimized Speed Advisory can be further optimized in addition to safety messages such as Red Light Violation Warnings.

TIME-TO-GREEN 0:03

GLOSA 35 MPH

RED LIGHT WARNING