

# Enhanced Height and Slope

## Description

- Enhanced Height and Slope is information about the road that enables or enhances ADAS applications by providing a preview of the vertical road trajectory
- Applications that can be enhanced or enabled include: adaptive cruise control, adaptive frontlight systems, black spot warning, blind spot detection and lane change assistant, curve warning system, drowsy driver detection, eco-friendly routing, electronic stability control, forward and side collision warning, lane departure warning and lane keeping assist systems, overtake assistant, powertrain control/fuel economy, speed advisory system, stop light and stop sign warning

## Data Features

- The slope accuracy is plus-or-minus 1 % over 100 meters
- Height is published for every node and shape point X, Y, Z coordinate for a Road Element

## Availability

- Commercially available

## Format

- Available in the following formats: GDF, RDF and File Geodatabase (FGDB)
- ADAS compliance is indicated by means of an accuracy flag

## Coverage

- 116 countries and territories globally