

Road Roughness

Description

- Road Roughness provides data on the measured roughness of the road network, following the International Road Roughness Index (IRI) for evaluating and measuring pavement.
- Road Roughness identifies poor pavement, locates sudden change in elevation (dips/ bumps) and provides a general view of the road network.
- Designed specifically for the transportation department, Road Roughness measures the variable pavement quality within a road network, decisive for budget, maintenance planning and resources deployment.
- Road Roughness optimizes routing for fleet and automotive OEMs taking into consideration fuel economy and maintenance costs while improving safety and comfort for passengers.

Data Features

- Data is delivered in a premium content layer outside of Core Map formats, aligned to HERE Map Content.

- Road Roughness has two layers:
 - Interpreted layer – provides road segment classifications (good / fair / poor) based on average IRI readings.
 - Condition type layer – provides further context of the rough area by detecting “bump” or “dip” location.
- Road Roughness is developed by leveraging data collected by HERE proprietary vehicles.

Availability

- Commercially available since Q1-2017
- Quarterly product delivery

Format

- Available in the following formats: Shapefile and File Geodatabase (FGDB)

Coverage

- The United States (Q1/17) and Europe (Q3/17)