

What are the Accredited AiRAP Attributes for AssetMAPPER Roads?

Under the AiRAP framework established by the International Road Assessment Programme (iRAP), Transoft AssetMAPPER® Roads enables **computer vision in 360° video footage** and **open-source data** to accelerate the automated road coding of 20 attributes globally (all countries where data is available).

Attribute	Road Type	Level of Accreditation*
Upgrade cost	Rural roads	Level 3
Motorcycle observed flow	All roads	Level 3
Bicycle observed flow	All roads	Level 3
Number of lanes	All roads	Level 3
Curvature	All roads	Level 2
Street lighting	All roads	Level 2
Pedestrian crossing facilities (partial)	Rural roads	Level 2
Roadworks	All roads	Level 3
School zone warning	All roads	Level 3
School zone crossing supervisor	All roads	Level 3
Truck speed limit	All roads	Level 3

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Attribute	Road Type	Level of Accreditation*
Land use – Passenger-side	All roads	Level 2
Vehicle parking	All roads	Level 2
Facilities for bicycles (partial)	All roads	Level 3
Area type	All roads	Level 3
Motorcycle speed limit	All roads	Level 3
Differential speed limits	All roads	Level 3
Land use – Driver-side	All roads	Level 2
Speed management	All roads	Level 3
Speed limit	All roads	Level 3

*Level of Accreditation Information:

Level 1: There are limitations on the use of the data for iRAP applications. Due to limitations, the data is not suitable for all iRAP applications. It is suitable for network screening, light data approaches, and KPI reporting.

Level 2: Due to limitations, the data should be used with caution (or in conjunction with additional data) for iRAP applications. It is suitable for network screening, light data approaches, KPI reporting, and in some cases, Star Ratings and Fatality Estimations.

Level 3: There are no limitations on the use of the data for iRAP applications. It is suitable for network screening, light data approaches, KPI reporting, Star Ratings, Fatality Estimations and Investment Plans.