

ASAM OpenODD Concept Project

Technical Concepts

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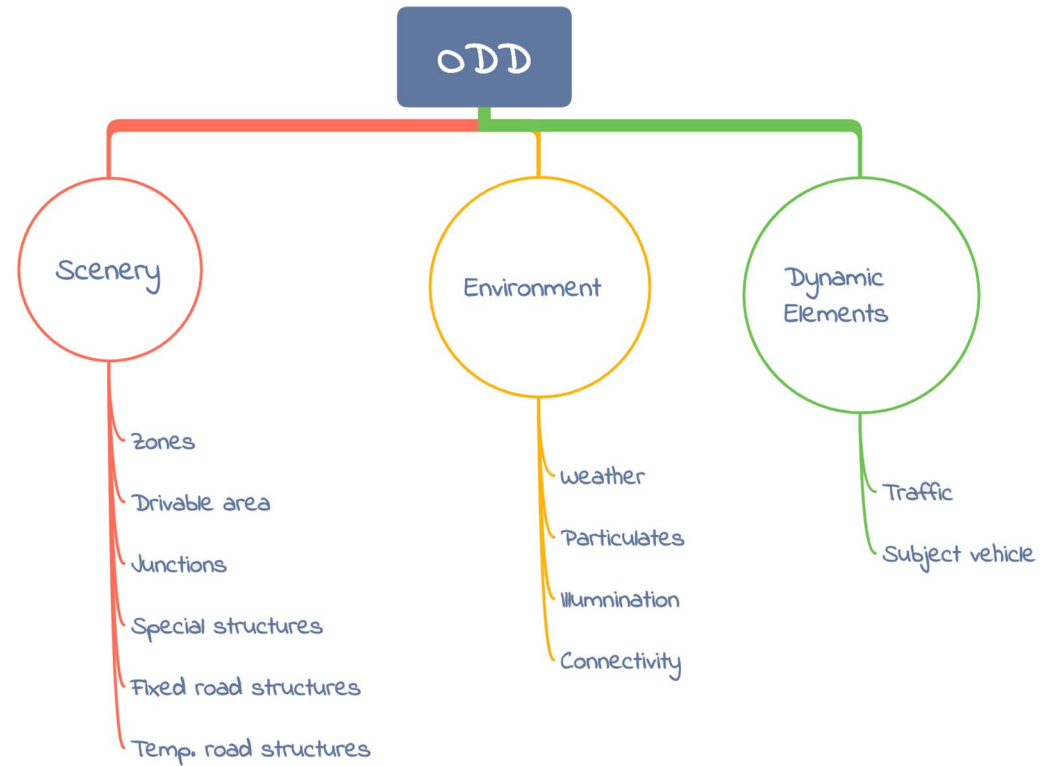
ODD and Scenarios

What is an ODD?

*“**Operating conditions** under which a given driving automation system or feature thereof is specifically designed to function, including, but not limited to, **environmental**, **geographical**, and **time-of-day restrictions**, and/or the requisite **presence or absence** of certain traffic or roadway characteristics.”*

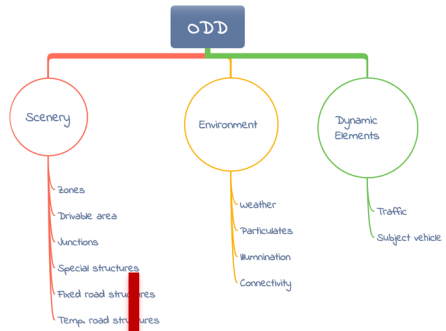
- SAE J3016 (2021)

What is an ODD?



ODD Taxonomy as per BSI PAS 1883

ODD and Scenario

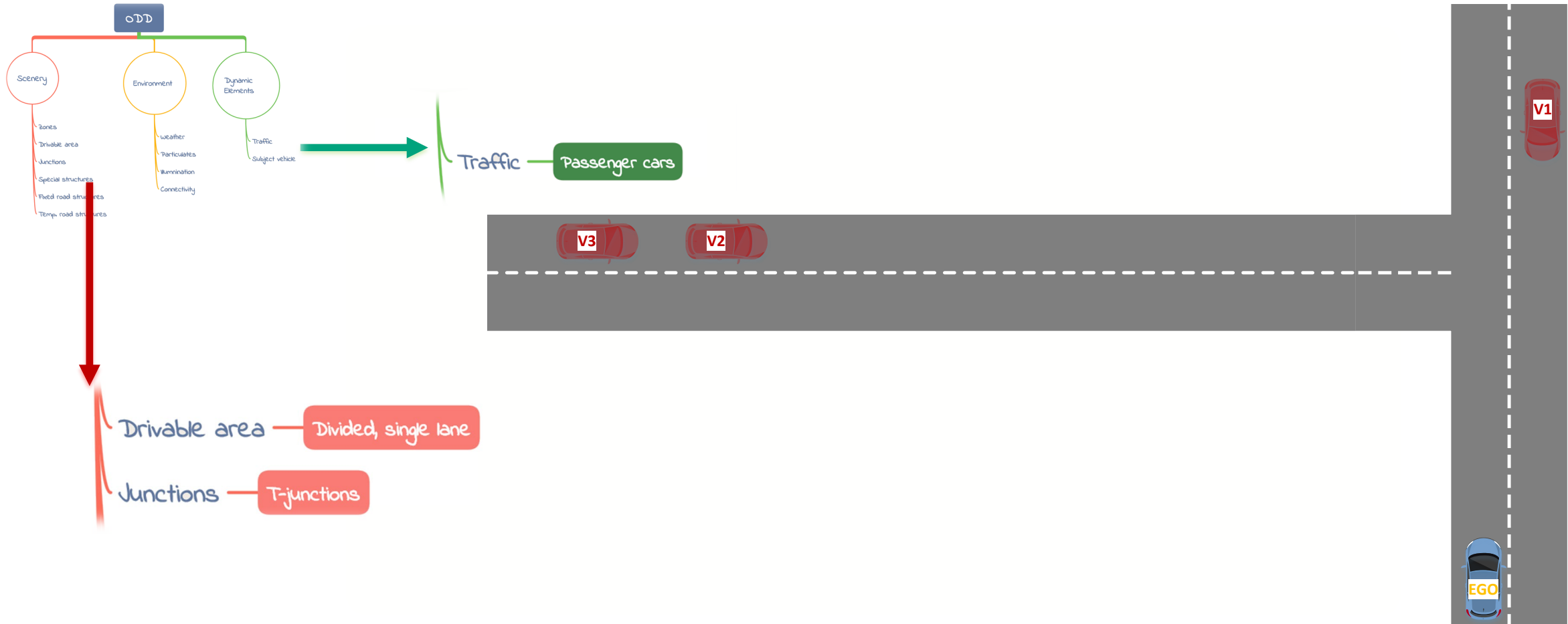


Drivable area — Divided, single lane

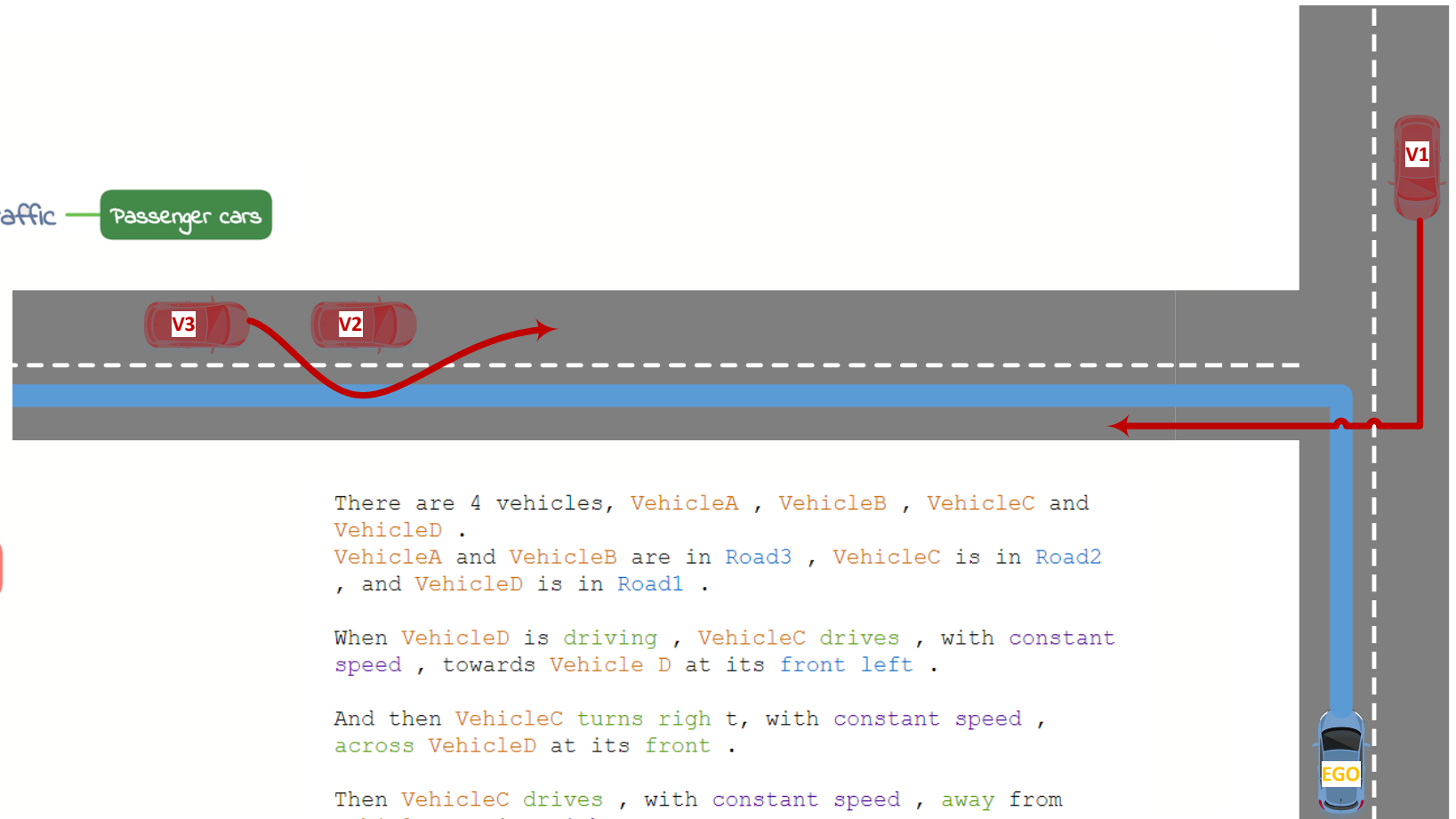
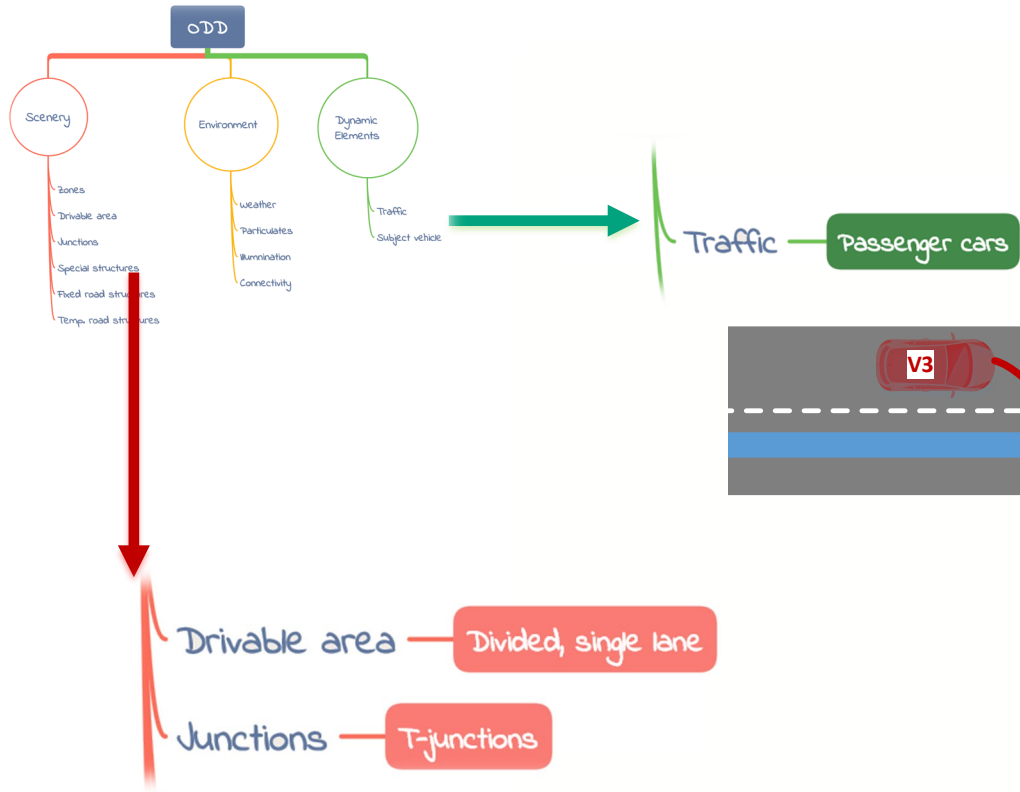
Junctions — T-junctions



ODD and Scenario



ODD and Scenario



There are 4 vehicles, **VehicleA** , **VehicleB** , **VehicleC** and **VehicleD** .
VehicleA and **VehicleB** are in **Road3** , **VehicleC** is in **Road2** , and **VehicleD** is in **Road1** .

When **VehicleD** is driving , **VehicleC** drives , with constant speed , towards **Vehicle D** at its front left .

And then **VehicleC** turns right t, with constant speed , across **VehicleD** at its front .

Then **VehicleC** drives , with constant speed , away from **VehicleD** at its right .

Thank you for your attention!

Questions...

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