

PED CROSSING WITH JAYWALKING

Short description

Simple signalized pedestrian crossing with some jaywalking.

Requirements

- ▶ PTV Vissim Module: VAP
- ▶ License with maximum number of pedestrians > 30

Objective

There are three classes of pedestrians with different crossing behavior. They can be distinguished by their color:

- ▶ **Green pedestrians** push the button (that is, they are detected by the detector, which is linked with the traffic light) and wait until they receive a green signal.
- ▶ **Yellow pedestrians** push the button, but are impatient: if there is a sufficient gap between the vehicles, they ignore the red light and walk on.
- ▶ **Red pedestrians** don't even push the button: they simply use the crossing as if it was unsignalized. This is modeled by excluding their vehicle class from detector actuation and excluding their class from the signal head.

As the yellow and red pedestrians ignore the signal heads, conflict areas have been activated within the crossing area to make them watch for car traffic.