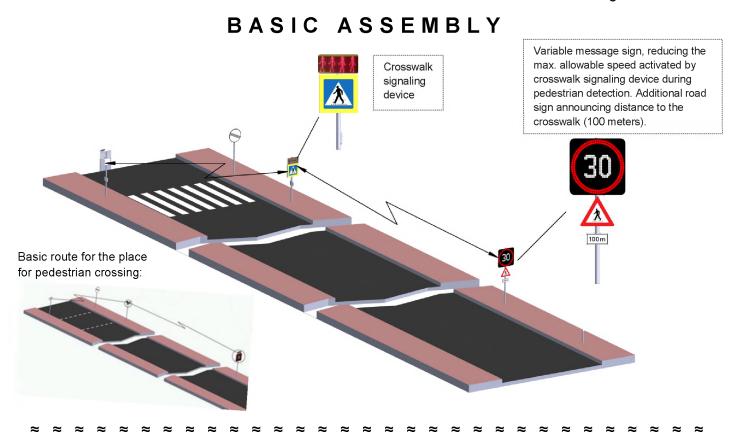
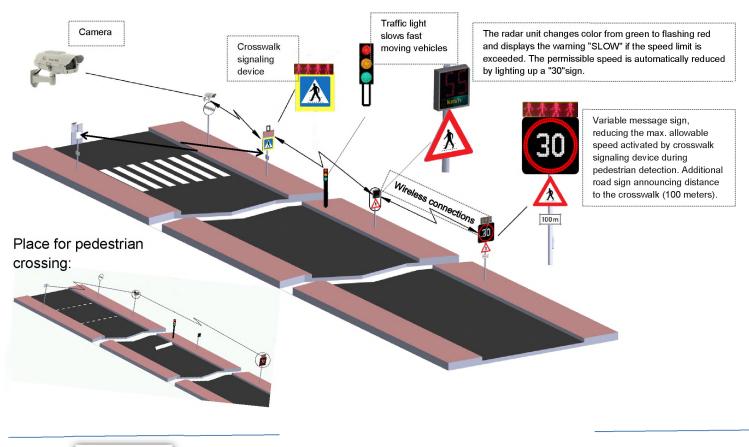
## CROSSWALK ROUTE - NEW TREND

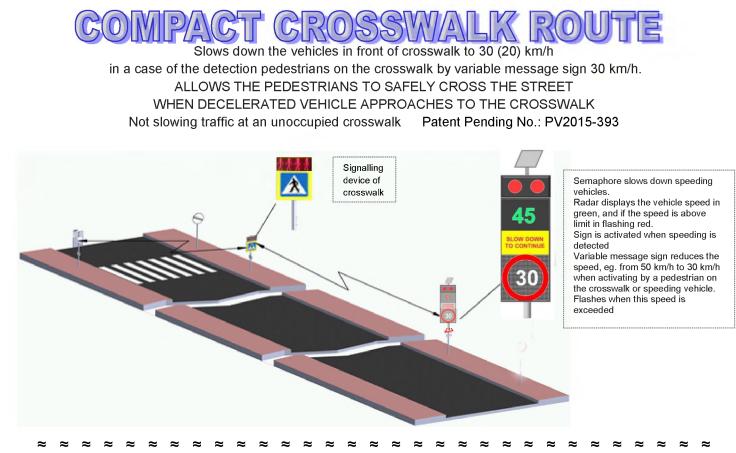
## IN PEDESTRIANS SECURITY

NOT STOPPING JUST SLOWING DOWN UPCOMMING VEHICLES ASSEMBLED BY SINGLE COMPONENTS - COMPONENTS CAN BE SELECTED AS NEEDED Patent Pending No.: PV2015-393



## COMPLETE ROUTE for maximal security of pedestrians



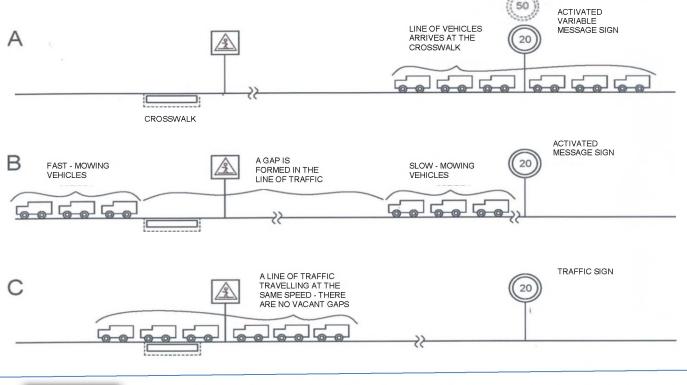


## FUNCTIONS OF THE DECELERATING UNIT - THE PRINCIPLE OF CREATING A GAPS IN A LINE OF TRAFFIC.

The image in **section A** shows a situation where, following the activation of an variable message sign showing the highest speed limit, the data displayed on the sign is reduced at the request of a pedestrian asking for an opportunity to cross. This then affects the line of traffic as follows: whereas the previous data apply for the line of traffic that has already past this sign, the new data apply for the line of traffic still in front of this sign.

The **section B** shows the formation of gaps in the line of traffic that pedestrians can use for crossing. This gap is created by the fact that, while part of the line of traffic is not affected by the speed reduction on the variable message sign and therefore moves at the original higher speed, e.g., 50 km/h, the other part of the line of traffic is now moving at a reduced speed, for example at 20 km/h. The speed difference creates the gap, the size of which at the pedestrian crossing site is given by the distance of the speed limit variable message sign from the crossing and the speed limit values displayed on the sign before the pedestrian request and after the pedestrian request (the activation of the variable message sign).

The situation depicted in **section C** shows that when a standard traffic speed limit sign is used, one which is not changeable unlike the variable message sign, no gaps are created in the line of traffic which would allow pedestrians to cross because all vehicles are moving at the same speed.





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