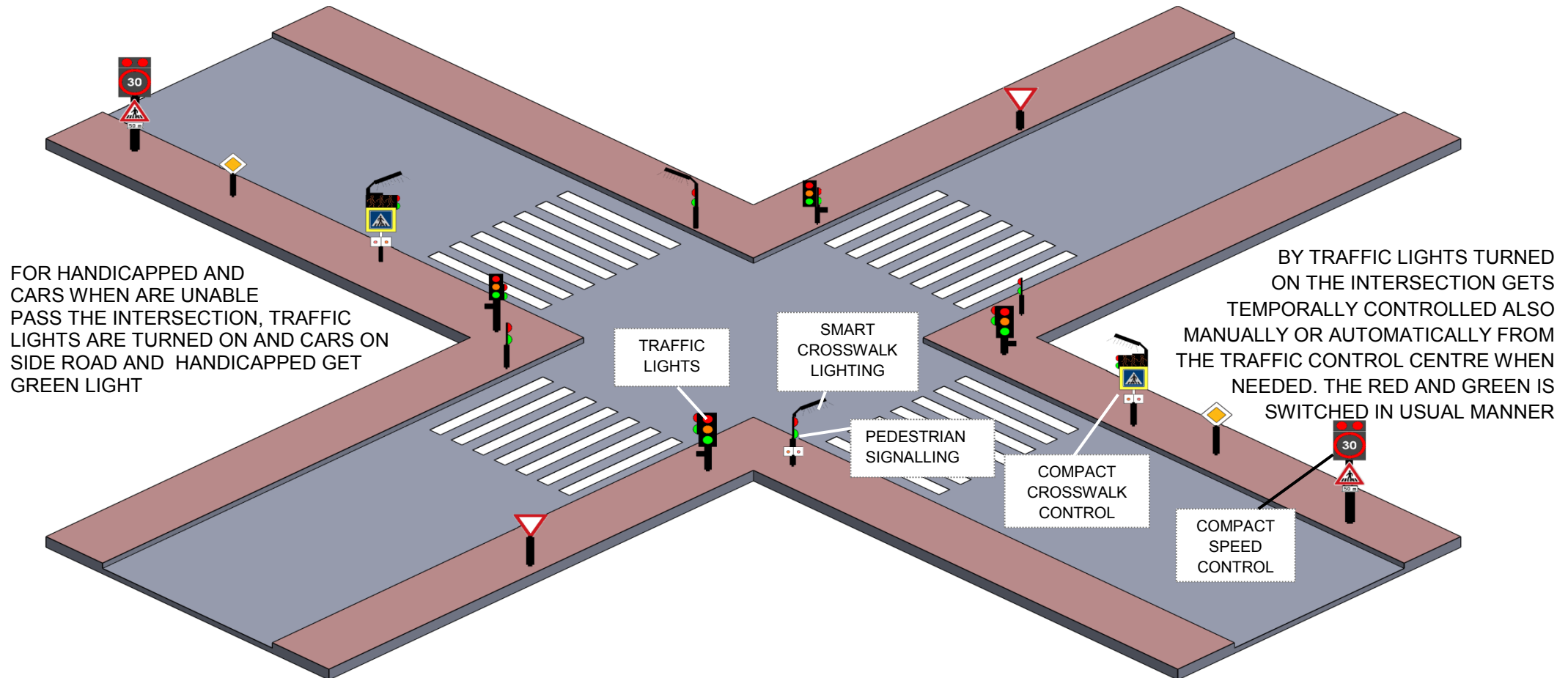


TEMPORARILY CONTROLLED INTERSECTION NOT BLOCKING TRAFFIC

THE INTERSECTION IS NORMALLY UNCONTROLLED
TRAFFIC LIGHTS ARE TURNED OFF, TRAFFIC ON MAIN ROAD GOES SMOOTHLY
FOR PEDESTRIANS AND CARS FROM SIDE ROAD TRAFFIC IS SLOWED DOWN, NOT STOPPED



The intersection is normally uncontrolled so the traffic lights are turned off. Vehicles on the main road have priority. A pedestrian activates by the pedestrian push button or detector, the compact crosswalk signalling and in the same time the speed limit sign 30, to slow down vehicles. It works as an uncontrolled crosswalk. A vehicle coming from the side road gives way to the main road. A sensor detects such a vehicle waiting to cross the intersection. When within an adjustable time, the vehicle fails to cross it, the signs 30 (20) km/h on the main road is activated. When even this does not help, the intersection is temporarily switched to a controlled one. The non-priority road gets a green, and the main road a red light so the waiting vehicle can cross the intersection. Traffic lights can be also turned on automatically or manually when needed, e.g. by heavy traffic or by a handicapped pedestrian by handicapped push button. Temporally controlled intersection can work also without crosswalk. Existing intersection can be turned in to temporally controlled by “add on units”.