

REFER TO SKETCH TO WITH THIS METHOD

Concrete plinth about 750mm x the width of the path and about 100mm deep. We normally use wooden shuttering having dug out the area, which is filled with concrete, levelled taking into consideration the camber / crossfall of the path and when smoothed over we tail it off across the shuttering on the path hopefully providing a smooth transition onto this area for the cycles.

The sensors are slot cut into this area, around the middle 350mm apart and 20mm wide and 20mm deep and then filled with resin. The sensors are sensitive to pressure so a cycle riding over them produces a pulse which the algorithm determines it to be a cycle as opposed to someone walking on it and it's for this reason we don't use kerbs which produce a pressure point which the sensor picks up so distorting what the algorithm is trying to determine.