

# Through Road in Gerderath, Nordrhein-Westfalen



*In Gerderath two of the intersections have been rebuilt - resulting in positive visual and speed reducing effects. One intersection now has a raised area, the other has been converted to an asymmetrical roundabout.*

## *The Road*

Gerderath is a fairly small village, centred around the through highway. The road alignment is curved and there are two large intersections in the town.

## *Design*

The conversion consists of gates at the entrances, fairly long traffic islands, raised area in one intersection, and a roundabout in another.

The gates are designed as a slight staggering to the right, flanked by trees. The staggering is created by means of

a traffic island with trees and a marked ground cover, edged by cobbles.

Further on into the town there are similar islands, although without the staggering. All islands are edged by three courses of cobbles at a gradient of 20%.

A staggered intersection in the middle of the village has been provided with a raised carriageway with red concrete paving stones and with black and yellow stones on the ramps. The area has been raised 10 cm and the ramps are 3 m long, which according to Danish

regulations would correspond to a design speed of about 55 km/h. To make the right-of-way conditions for pedestrians very clear, the sidewalks are raised another 10 cm above the raised carriageway.

In the other big, and rather irregular intersection in the town the former traffic lights caused a limited capacity and turning was complicated. Instead, an oblong, roundabout-like intersection was constructed, with a pear-shaped, beautifully planted central island.

*The raised carriageway has produced the intended, speed reducing effect.*



*The roundabout-inspired design dampens speeds, produces a satisfactory traffic flow, and has embellished the town scene.*

