

Load profile

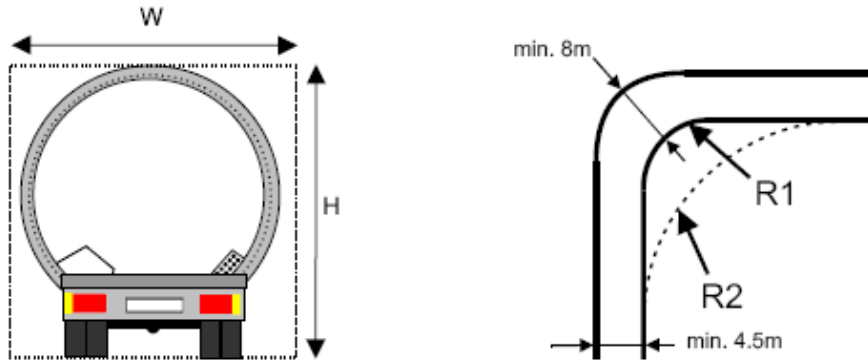
For all hub heights		
H	Load profile height	5.50m
W	Load profile width	5.00m

Bends

For all hub heights		
1	Inside radius bend	35m
R2	Inside radius of obstacle-free area	50m

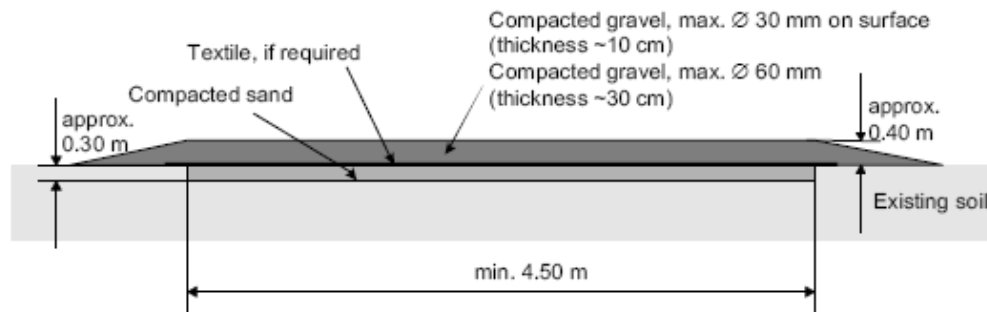
The marked area (- - -) must be free of all obstacles, that is, trees, buildings, masts, etc.

The minimum dimensions specified must be observed.



Access roads

Example of a cross-section of an access road



The access road should be made of gravel (diameter max. 60mm; layer thickness approx. 0.40m) on compacted sand (approx. 0.30m). Instead of gravel, the top layer may be made of breakage material (diameter 0-60mm) free of all demolition waste, such as glass, ceramics, steel or wood. If breakage material is used, the thickness must be increased to approx. 0.50m. The material used on the surface may have a maximum diameter of up to 30mm. To prevent inundation, a textile layer may be needed between the base (sand) and top layers (gravel). All layers must be properly compacted by appropriate machinery to avoid access problems with heavy loads later.

The overall road surface must be even; some of the lorries have a ground clearance of no more than 10cm. Crossfall from the road axis to the banking must be 2 to 3% to ensure proper drainage.

These values may change, depending on the specific-site conditions. For this reason, the geometric and static design of access roads and crane areas must be made on project-specific basis. If necessary, a soil condition report has to be conducted and an expert opinion be sought.