



3.3 Residential Access Roads (Type 3)

These roads will provide direct access to residential areas, streets and community facilities. They ideally will have direct access in at least two locations to the Type 2 road identified above. They will be street lit and designed to a 30mph speed limit. They will be constructed to a Minimum width of 5.5m with 1.8m footways on both sides. ~~Where no public or community transport provision is envisaged and the road is to serve less than 100 units, the width of the carriageway may be reduced to 4.8m and a single link provided to a Type 2 road.~~ The designer should be mindful of permeability for all modes of transport when designing residential access roads.

Type 3: Residential Access Roads.

Pavement Layer	Compacted Thickness (mm)	Allowable Materials	Highways Agency Specification Clause	PD 6691 Clause Reference
Surface Course (1)	50	HRA 35/14F surf 40/60 des. 20mm pre-coated chippings	911 915	5
Surface Course (2)	30	AC 10 close surf 100/150 OR AC 10 close surf	912	8



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5.5m

Carriageways must be a minimum of ~~4.8m~~ wide to accommodate passing service vehicles and 1.8m wide footways must be provided.

Designers of such developments must take into account the requirements of servicing and emergency vehicles. Safe areas for turning without excessive need for vehicles reversing more than 25 metres must be included in a design. (See later chapter 5.12 for requirements for turning areas)

Consideration must be given to accommodation of service widths alongside the highway to accommodate public utilities and street lighting. A minimum serving width of 0.8m is required for street lighting and 2.0m for utilities apparatus. (see section 5.5)



The following details the minimum road width for different road categories.

Type	Description	Dimensions ¹¹
Type 1	Local Distributor	7.3m ¹² . With 1.8m footways on both sides
Type 2	Transitional links and feeders	6.75m ¹³ With 1.8m footways on both sides
Type 3	Residential Access Roads	5.5m minimum With 1.8m footways on both sides
Type 4	Residential Streets	4.8m minimum With 1.8m footway on at least one side
Type 5	Shared Surfaces (including Mews courts)	Minimum between structures 6.8m Minimum running width 6.3m to include a 1.8m service strip

¹¹ MfS

¹² Accommodates Public Transport (MfS 6.5.7)

¹³ Accommodates Public Transport (MfS 6.5.7)