

Road Cross Section

Civil Engineering

What each part of a road is for.

Every element earns its width. None of it is decoration.

Carriageway

Traffic lanes, width set by design speed

Hard strip or shoulder for breakdowns

Crossfall near 2.5% to shed water

Edge markings and kerbs define it

Central reserve on a dual carriageway

Beyond the edge

Verge for signs, posts and maintenance

Side drain, ditch or filter strip

Batter slopes in cut or on embankment

Safety barrier where a hazard is close

Footway and cycle track where provided

Educational reference. Widths, crossfalls and clearances are set by the road authority's standards for the road class.