

BRITISH STANDARD

Building and civil engineering – Vocabulary –

Part 4: Transport

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Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 58, an inside back cover and a back cover.

Foreword

Publishing information

This part of BS 6100 is published by BSI and came into effect in June 2008. It was prepared by Technical Committee B/500, *Basic data*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

This part of BS 6100 supersedes BS 6100-2.4.1:1992, BS 6100-2.4.2:1988, BS 6100-2.4.3:1992 and BS 6100-2.8:1990, which are withdrawn.

Relationship with other publications

BS 6100 consists of the following parts.

- *Part 0: Introduction and index.*
- *Part 1: General.*
- *Part 2: Spaces, building types, environment and physical planning.*
- *Part 3: Civil engineering – General.*
- *Part 4: Civil engineering – Transport.*
- *Part 5: Civil engineering – Water engineering, environmental engineering and pipelines.*
- *Part 6: Construction parts.*
- *Part 7: Services.*
- *Part 8: Work with timber and wood-based panels.*
- *Part 9: Work with concrete and plaster.*
- *Part 10: Contract terms.*
- *Part 11: Performance characteristics, measurement and joints.*
- *Part 12: Plant, equipment and persons.*

Information about this document

BS 6100 has been completely restructured and compiled on different principles than previously. Consequently, this part of BS 6100 represents a full revision of the standard.

A general introduction to and explanation of the BS 6100 vocabulary is given in BS 6100-0, which provides an alphabetical index of all the terms in all parts of BS 6100. It is intended that individual parts of BS 6100 are used in conjunction with BS 6100-0 because they do not contain indexes themselves.

BS 6100-1 reproduces verbatim ISO 6707-1 and provides a vocabulary of general terms for the building and civil engineering industry. It is essential that individual parts of BS 6100 are read in conjunction with BS 6100-1.

BS 6100 does not repeat (or provide alternatives for) terms defined in other standards or in other parts of BS 6100. However, it does refer to where definitions can be found and includes a bibliography of all referenced standards.

Presentational conventions

Details of the structure, layout and presentational conventions used in this part of BS 6100 are given in Clause 2.

Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

1 Scope

This part of BS 6100 defines civil engineering terms that relate to road, rail and air transport.

This standard does not include building types (covered in BS 6100-3), tunnels and bridges (covered in BS 6100-4), building services (covered in BS 6100-8) and water transport, pipelines and ducts (covered in BS 6100-6).

2 Vocabulary structure

This part of BS 6100 does not contain its own index. Instead, a comprehensive index of terms is given in BS 6100-0. As a result, it is intended that this part of BS 6100 is used in conjunction with BS 6100-0.

The layout of this vocabulary is designed in accordance with ISO 10241 with terms arranged in a classified order and numbered in accordance with ISO 2145.

Each term has an individual number consisting of seven digits in two parts, the first of two digits, the second of five. Each number tells the following information about the term.

- a) The first two digits represent which part of BS 6100 the term belongs to.
- b) The third digit represents which group of terms it belongs to within the part.
- c) The fourth digit represents which subgroup of terms it belongs to within the group.
- d) The fifth to seventh digits determine the location of the term within the subgroup.

Bold words within a definition indicate terms that are defined elsewhere in this part of BS 6100, other parts of BS 6100 or other standards. Reference to where the term is defined is given in parenthesis after the bold word.

NOTE 1 References to terms defined in BS 6100-1 are shown giving only the part number, e.g. (01); references to terms defined in all other parts of BS 6100 are shown using their full reference number, e.g. (06 59005).

NOTE 2 Where more than one definition source could be referred to, the reference containing the definition of most general applicability is given.

Alternative terms are given in medium type below preferred terms which are given in bold type. All alternative terms have the status of being deprecated. Abbreviations are given in bold type below the terms to which they relate.

In the vocabulary, terms of more than one word are written in their natural word order, e.g. pedestal elbow, and the word order is not inverted, e.g. elbow, pedestal. However, inverted forms of a term are included in the index in BS 6100-0.

Terms are only given in the singular form, even when the plural form is more common (unless the term is only found in the plural form).

3 Road transport (04 1xxxx)

3.1 Works (04 11xxx)

- 04 11001 primary route**
route, made up of **roads** (01) other than **motorways** (01), forming part of a national **network** (01) of important through **roads** (01)
NOTE It is signed in a distinctive manner.
- 04 11002 major road**
road (01) that has a permanent priority for **traffic** (01) movement over other **roads** (01)
- 04 11003 minor road**
road (01) that has a lesser **traffic** (01) value than a **major road** (04 11002)
- 04 11004 single track road**
road (01) used by **traffic** (01) in both directions but of insufficient **width** (01) for two vehicles to pass except where it is widened for passing and overtaking
- 04 11005 private street**
road (01) that gives access to adjoining premises but is not maintained by the **highway** (01) authority
- 04 11006 all-purpose road**
road (01) for use by all classes of **traffic** (01)
- 04 11007 dual carriageway road**
road (01) that has two separated **carriageways** (01) for travel in opposite directions
- 04 11008 special road**
road (01) for use by prescribed classes of **traffic** (01)
- 04 11009 trunk road**
highway (01) of primary importance in a national or regional network
NOTE Designated by Act of Parliament.
- 04 11010 classified road**
highway (01) of importance for through communication
NOTE Designated by Act of Parliament.
- 04 11011 principal road**
highway (01) that is second in importance to a **trunk road** (04 11009)
NOTE Designated by Act of Parliament.
- 04 11012 county road**
highway (01) that the council of administrative county or region is required to maintain at public expense
- 04 11013 delegated road**
county road (04 11012) that is maintained by the council of a borough or other county district
*NOTE The administrative county remains the **highway** (01) authority.*

- 04 11014 radial road**
highway (01) that provides direct communication between the centre of an urban area and the outer districts
- 04 11015 ring road**
highway (01) in or around an urban area to enable **traffic** (01) to avoid a **town centre** (02 38017) or a town
- 04 11016 distributor road**
road (01) in an urban area that caters for local, district and primary **traffic** (01) movements
- 04 11017 bypass**
highway (01) on the fringe of a town or village, to enable through **traffic** (01) to avoid congested areas or other obstructions to movement
- 04 11018 cattle grid bypass**
way for pedestrians and animals to pass around a **cattle grid** (04 12064)
NOTE Usually gated.
- 04 11019 relief road**
highway (01) within a **built-up area** (02 38009) to enable **traffic** (01) to avoid congested areas or other obstructions to movement
- 04 11020 one-way street**
road (01) along which vehicular **traffic** (01) may move in one direction only
NOTE Special provision may be made for public service vehicles and cycles.
- 04 11021 diversion**
length of **road** (01) in substitution for the whole or part of an existing **highway** (01)
cf. **diversion** (04 11022)
- 04 11022 diversion**
alternative way for **traffic** (01) to avoid congestion, obstruction or other hazard
cf. **diversion** (04 11021)
- 04 11023 occupation road**
road (01) that people occupying **land** (01) adjacent to the **road** (01) are entitled to use but that the public at large are not entitled to use
- 04 11024 accommodation road**
road (01) that is provided by one party to accommodate an owner in the use of his own **land** (01) in exchange for some concession
*NOTE For example, a private **road** (01) provided by a **highway** (01) authority for the use of a landowner whose **land** (01) has been severed.*
- 04 11025 service road**
road (01) running parallel to a more important **road** (01) and providing access to the properties situated along its length

- 04 11026 slip road**
length of one-way **road** (01) that connects **roads** (01) at a **road** (01) junction
*NOTE The **roads** (01) connected are usually at different levels.*
- 04 11027 crossover**
part of a **footway** (01) or **verge** (01) crossed by a vehicular way to give access to **land** (01) adjacent to a **road** (01)
cf. **crossover** (04 11028), **crossover** (04 22043)
- 04 11028 crossover**
part of a **central reserve** (01) paved for occasional use by vehicles
cf. **crossover** (04 11027), **crossover** (04 22043)
- 04 11029 cycle lane**
traffic lane (01) reserved for the use of pedal cycles
- 04 11030 bus lane**
traffic lane (01) reserved for the use of buses or other authorized vehicles
- 04 11031 towpath**
way along the **bank** (05 28001) of a **canal** (01) or **waterway** (05 22131) for towing or other services connected with **navigation** (05 21007)
- 04 11032 causeway**
paved way across **land** (01) liable to be submerged
NOTE Often raised.
- 04 11033 clearway**
travelled way (04 12001) on which vehicles are not permitted to stop voluntarily
cf. **clearway** (04 38006)
- 04 11034 peak hour clearway**
travelled way (04 12001) on which vehicles are not permitted to stop voluntarily during specified periods when there is expected to be most **traffic** (01)
- 04 11035 right of way**
right to pass over **land** (01) on foot, on or with animals, or in a vehicle
NOTE The right may be subject to conditions and restrictions of user by the grantor or derived from uninterrupted custom.
cf. **right of way** (04 19015)
- 04 11036 collector-distributor**
road (01) approximately parallel to a **major road** (04 11002) that links junctions on the **major road** (04 11002) to the local **road** (01) **network** (01)
- 04 11038 do-nothing road network**
existing **road** (01) **network** (01) against which changes due to a proposed **highway** (01) may be assessed
- 04 11039 link**
length of **road** (01) between successive **road** (01) junctions

- 04 11040 zone centroid connector**
notional **link** (04 11039) that joins the **zone centroid** (04 18003) to the **road** (01) **network** (01) by which **trips** (04 19004) gain access to or egress from the **network** (01)
- 04 11041 underbridge**
bridge (01) that carries the way under consideration
- 04 11042 overbridge**
bridge (01) that spans the way under consideration
- 04 11043 Irish bridge**
paved ford that incorporates **pipes** (01) to take the **dry weather flow** (01)
- 04 11044 subway**
underground passageway or **tunnel** (01) for pedestrians and/or cyclists

3.2 Parts (04 12xxx)

- 04 12001 travelled way**
part of the **carriageway** (01) that carries through **traffic** (01); it excludes auxiliary **traffic lanes** (01) and **lay-bys** (01)
- 04 12002 passing place**
local widening of a narrow **carriageway** (01) to enable vehicles to pass or overtake
- 04 12003 weaving length**
length of **carriageway** (01) where **weaving** (04 19050) may take place
- 04 12004 climbing lane**
traffic lane (01) on an up **gradient** (01) for use by slower moving vehicles and to facilitate overtaking
- 04 12005 merging lane**
acceleration lane
auxiliary **traffic lane** (01) that allows **traffic** (01) to join a major **road** (04 11002) without impeding through **traffic** (01)
- 04 12006 diverging lane**
deceleration lane
auxiliary **traffic lane** (01) that allows turning **traffic** (01) to approach a **road** (01) junction without impeding through **traffic** (01)
- 04 12007 right-turn lane**
diverging lane (04 12006) or **right hand lane** (04 12011) solely for **traffic** (01) turning right
- 04 12008 left-turn lane**
diverging lane (04 12006) or **left hand lane** (04 12012) solely for **traffic** (01) turning left
- 04 12009 right-turning lane**
through **traffic lane** (01) that has **road markings** (01) for **traffic** (01) turning right
- 04 12010 left-turning lane**
through **traffic lane** (01) that has **road markings** (01) for **traffic** (01) turning left

- 04 12011 right hand lane**
traffic lane (01) on the extreme right in the direction of **traffic flow** (05 19016)
- 04 12012 left hand lane**
traffic lane (01) on the extreme left in the direction of **traffic flow** (05 19016)
- 04 12013 centre lane**
traffic lane (01) between the **right hand lane** (04 12011) and the **left hand lane** (04 12012)
- 04 12014 bus bay**
lay-by (01) reserved for Public Service Vehicles at a stopping place
- 04 12015 hardened verge**
part of a **verge** (01) strengthened to support **traffic** (01) and grassed
- 04 12016 hard strip**
surfaced strip that abuts a **carriageway** (01)
*NOTE Usually not more than 1 m in **width** (01).*
- 04 12017 flush kerb**
border at the edge of a **carriageway** (01), **hard shoulder** (01) or **hard strip** (04 12016) and substantially level with it
*NOTE Usually of **concrete** (01); may act as a **marginal strip** (04 12018).*
- 04 12018 marginal strip**
narrow surface strip that conspicuously marks the edge of a **carriageway** (01)
- 04 12019 traffic island**
raised area on the **highway** (01) shaped and located so as to direct **traffic** (01) movements
*NOTE Usually at a **road** (01) junction.*
- 04 12020 ghost island**
area marked on a **carriageway** (01) so as to direct **traffic** (01) movements
*NOTE Usually at a **road** (01) junction.*
- 04 12021 refuge**
island
platform (06 52012) or guarded area in a **carriageway** (01) that divides the streams of **traffic** (01) and provides a safe area for pedestrians
- 04 12022 bollard**
device placed on a **refuge** (04 12021) or **traffic island** (04 12019) to warn drivers of the obstruction
*NOTE It may indicate the direction to be taken by vehicles by means of a **traffic sign** (07 92006).*
cf. **bollard** (04 12023)
- 04 12023 bollard**
substantial **post** (01) to prevent passage of vehicles
cf. **bollard** (04 12022)

- 04 12024 marker post**
post (01) erected alongside a **carriageway** (01) to give warning or guidance
NOTE Generally fitted with material or small studs that reflect, but not normally lit.
- 04 12025 rumble strip**
 serrated strip
 warning device that consists of a series of transverse ridges or recesses, or coarse textured **surfacing** (04 12061), in or at the edge of a **carriageway** (01)
- 04 12026 anti-dazzle screen**
 glare screen
 device that screens the lights of oncoming **traffic** (01)
NOTE Examples are fences (01) or shrubs (06 12035).
- 04 12027 pedestrian crossing**
 transverse strip of **carriageway** (01) marked to indicate where pedestrians should cross the **road** (01)
- 04 12028 zebra crossing**
pedestrian crossing (05 12027) marked with studs, alternate black and white stripes and flashing beacons, on which pedestrians have priority over vehicles
- 04 12029 pelican crossing**
pedestrian crossing (05 12027) controlled by **traffic signals** (04 12103)
- 04 12030 school crossing**
 place on a **carriageway** (01) where an authorized person in uniform regulates **traffic** (01) by means of a prescribed **traffic sign** (07 92006) for the purpose of guiding schoolchildren across
- 04 12031 cycle crossing**
 place on a **carriageway** (01) marked to indicate where cyclists should cross
- 04 12032 road hump**
 sleeping policeman
 hump, formed in or on the surface of a **carriageway** (01) to discourage drivers from proceeding at an excessive speed
- 04 12033 edging**
 border at the edge of a **footpath** (01), **footway** (01), **bridleway** (03 31012) or **cycle track** (01)
- 04 12034 sight line**
 line, either in **plan** (BS ISO 10209-1) or in **profile** (01), that delineates the area in which a **sight distance** (04 17004) can be achieved
- 04 12035 improvement line**
 line that defines the boundary of a **landtake** (04 18001) for widening or improving a **highway** (01) as a control over **development** (03 34001)

- 04 12036 at grade junction**
road (01) junction at which no road (01) passes over another
- 04 12037 cross roads**
at grade junction (04 12036) of two roads (01) crossing at right angles approximately
- 04 12038 scissor junction**
at grade junction (04 12036) of two roads (01) crossing obliquely
- 04 12039 staggered junction**
at grade junction (04 12036) of three roads (01), at which the major road (04 11002) is continuous through the junction and the minor roads (04 11003) connect with it by forming two opposed T junctions (04 12040)
- 04 12040 T junction**
at grade junction (04 12036) of two roads (01) at which the minor road (04 11003) joins the major road (04 11002) at right angles approximately
- 04 12041 Y junction**
at grade junction (04 12036) of two roads (01), at which the minor road (04 11003) joins the major road (04 11002) at an oblique angle and terminates at the junction
- 04 12042 fork junction**
at grade junction (04 12036) of two roads (01), at which the major road (04 11002) deviates from a straight path at the junction with the minor road (04 11003)
- 04 12043 grade-separated junction**
road (01) junction at which at least one road (01) passes over another
- 04 12044 trumpet junction**
grade-separated junction (04 12043) at which one road (01) joins another; allows free flow of traffic (01) through all its available changes of direction
- 04 12045 grade-separated fork junction**
grade-separated junction (04 12043) of two roads (01) where one carriageway (01) of one road (01) passes over or under the other road (01) before merging into a single road (01)
- 04 12046 grade-separated diamond junction**
grade-separated junction (04 12043) of two roads (01) in which they are interconnected by four slip roads (04 11026)
- 04 12047 roundabout**
road (01) junction at which traffic (01) circulates around a circular traffic island (04 12019) or ghost island (04 12020)
- 04 12048 grade-separated roundabout junction**
grade-separated junction (04 12043) of two or more roads (01) in which the slip roads (04 11026) from the major road (04 11002) meet the minor roads (04 11003) or the slip roads (04 11026) from the minor roads (04 11003) at a roundabout (04 12047) above or below the major road (04 11002) / minor roads (04 11003)

- 04 12049 mini roundabout**
roundabout (04 12047) that has a one way movement of **traffic** (01) round a **ghost island** (04 42020) or small **traffic island** (04 12019)
- 04 12050 mini roundabout at T junction**
T junction (04 12040) with a **mini roundabout** (04 12049) at the intersection of two **roads** (01)
- 04 12051 at grade double mini roundabout**
two **mini roundabouts** (04 12049) at an **at grade junction** (04 12036) that are connected by a short length of **road** (01) or are contiguous
- 04 12052 gyratory system**
road (01) layout enabling **traffic** (01) from several **roads** (01) to pass around a large central area using priority junctions, **mini roundabout** (04 12049) or **traffic signals** (04 12103)
- 04 12053 dumb-bell junction**
grade-separated diamond junction (04 12046) between a **major road** (04 11002) and **minor roads** (04 11003) where the **slip roads** (04 11026) are connected to the **minor road** (04 11003) with two **roundabouts** (01)
- 04 12054 multi-level junction**
grade-separated junction (04 12043) where three or more **roads** (01) are connected by **slip roads** (04 11026)
- 04 12055 interchange**
grade-separated junction (04 12043) of **roads** (01) providing free **traffic flow** (04 19016) between them
- 04 12056 rigid pavement**
pavement (01) in which the main **structural member** (01) is a high **strength** (11 27007) **concrete slab** (01) that also provides the surface in contact with the **traffic** (01)
- 04 12057 rigid composite pavement**
pavement (01) with a high **strength** (11 27007) **concrete slab** (01) as **basecourse** (04 12123) with a **bituminous** (04 17014) **surface layer** (04 12124)
- 04 12058 flexible pavement**
pavement (01) in which the whole **pavement** (01) **structure** (01) deflects under **load** (01), each layer receiving the **loads** (01) from above, spreading them out and passing them on to the layer below
- 04 12059 flexible composite pavement**
pavement (01) in which the **basecourse** (04 12123) is bound with **hydraulic binder** (01)
- 04 12060 continuously reinforced concrete pavement**
CRCP
rigid pavement (04 12056) or **rigid composite pavement** (04 12057) in which the **concrete slab** (01) is reinforced and has no **transverse movement joints** (11 42004)

- 04 12061 surfacing**
part of a **pavement** (01) above the **roadbase** (04 12122)
- 04 12062 binder course**
part of the **surfacing** (04 12061) immediately below the **surface layer** (04 12124)
- 04 12063 snow fence**
fence (01) to restrict the accumulation of drifting snow on a **road** (01) or **track** (01)
- 04 12064 cattle grid**
structure (01) placed on a **road** (01) to prevent passage of animals while permitting other **traffic** (01) to pass
- 04 12065 cattle creep**
underground passage or **tunnel** (01) to permit passage of bovines under a **road** (01) or **railway** (01)
NOTE Smaller mammals can also use the same facility.
- 04 12066 bridge superstructure**
superstructure (01) of a **bridge** (01)
- 04 12067 bridge substructure**
parts of a **bridge** (01) supporting the **bridge superstructure** (04 12066)
- 04 12068 corrugated steel buried structure**
tunnel (01) or **conduit** (01) comprising buried corrugated steel **components** (01) surrounded by granular **material** (01)
- 04 12069 horizontal curve**
curve in **plan** (ISO 10209-1) of a way
- 04 12070 vertical curve**
curve on the longitudinal **profile** (01) of the way
- 04 12071 transition curve**
curve in which the radius changes continuously along its length
NOTE For connecting a straight length with a circular arc or two circular arcs of different radii or of opposite hand.
- 04 12072 transition length**
length (01) of a **transition curve** (04 12071)
- 04 12073 compound curve**
curve in a way that consists of two or more arcs of different radii curving in the same direction and having a common tangent or **transition curve** (04 12071) between them
- 04 12074 reverse curve**
two abutting curves in a way that are of opposite hand in the **shape** (11 27004) of an “S” or its mirror image
- 04 12075 intersection point**
point at which two successive straight lengths of way, or tangents to curves, intersect

- 04 12076 tangent point**
point where a way ceases to be straight and curvature begins
- 04 12077 crown**
highest portion of the cross-section of a cambered way
- 04 12078 flag**
small **slab** (01) of natural or artificial **stone** (01) or **precast concrete** (01)
- 04 12079 filter drain**
rubble drain
drain formed in a **trench** (01) using a granular **backfill** (01)
*NOTE A porous or perforated **pipe** (01) may be laid in the **trench** (01).*
- 04 12080 box culvert**
culvert (01) of rectangular cross-section
- 04 12081 channel**
channel (01) for **surface water** (01) at the edge of a **carriageway** (01)
- 04 12082 grip**
shallow **trench** (03 22007) across a **verge** (01) to lead **surface water** (01) away from the **carriageway** (01)
- 04 12083 kerb outlet**
aperture formed in a **kerb** (01) to convey **surface water** (01) from the **channel** (04 12081) into a **drain** (01) or **ditch** (05 22067)
- 04 12084 regulating course**
layer of **material** (01) of variable **thickness** (01) to adjust the **shape** (11 27004) in preparation for a **surface layer** (04 12124) of regular **thickness** (01)
- 04 12085 warping joint**
hinged **joint** (01) in a **road** (01) **slab** (01)
- 04 12086 sett paving**
surface layer (04 12124) of **setts** (01) laid in a regular pattern
- 04 12087 stone block paving**
surface layer (04 12124) of **stone** (01) **blocks** (01) in which the vertical faces of the **blocks** (01) are dressed to strict gauges so the **joints** (01) between **blocks** (01) are very narrow
- 04 12089 grouted macadam**
coarse aggregate (BS EN 12620) into which a **bituminous binder** (04 13006) or a **mortar** (01) of **Portland cement** (09 13006) and **sand** (BS EN 12670) is poured after spreading the **aggregate** (01)
- 04 12090 cement-bound macadam**
grouted macadam (04 12089) with **Portland cement** (09 13006) **mortar** (01) and **sand** (BS EN 12670)
- 04 12091 skid-resistant surface**
non-skid surface
surface layer (04 12124) with improved **skid resistance** (BS 7941-1)

- 04 12092 mastic asphalt surfacing**
surface layer (04 12124) of **mastic asphalt** (BS EN 12970)
- 04 12093 surface dressing**
surface layer (04 12124) of **chippings** (04 13003) lightly rolled into a film of **bitumen emulsion** (04 13023) or **cut back bitumen** (04 13027)
- 04 12094 clay block paving**
surfacing (04 12061) that consists of regular **blocks** (01) of fired **clay** (BS EN 12670) laid in a pattern
- 04 12095 crack inducer**
strip (01) placed in a **concrete slab** (01) to form a **dummy joint** (09 32007)
- 04 12096 rut**
 groove or depression in a **surface layer** (04 12124) produced by the **action** (01) of **traffic** (01)
- 04 12097 buffer zone**
 strip of **carriageway** (01) delineated to separate **traffic** (01) in a **contraflow** (01)
NOTE Usually about 1 m wide.
- 04 12098 parking meter**
 mechanical device to **measure** (01), display and collect payment for the **parking** (04 19056) time of vehicles
- 04 12099 yellow line**
traffic line (05 12120) on a **carriageway** (01) or **kerb** (01), yellow in **colour** (11 27079) and regulating **waiting** (04 19060), loading and unloading
- 04 12100 stop line**
 continuous transverse or oblique **traffic line** (04 12120) behind which vehicles should stand when stopped by police control, **traffic signals** (04 12103) or **regulatory sign** (06 92022)
- 04 12101 give way line**
 broken transverse **traffic line** (04 12120) across a **traffic lane** (01) at the mouth of the **minor road** (04 11003) at a **road** (01) junction signifying that vehicles emerging from the **minor road** (04 11003) should give way to vehicles on the **major road** (04 11004) or **roundabout** (04 12047)
- 04 12102 reflecting road stud**
 device installed on a **carriageway** (01) at regular intervals to supplement or act as a substitute for a **traffic line** (04 12120) by reflecting the light from an approaching vehicle as white or coloured light
- 04 12103 traffic signals**
 system of different coloured signal lights, including arrow-shaped lights, for stopping **traffic streams** (04 19013) or permitting them to move

- 04 12104 signal head assembly** (01) of signal lights, their appropriate housing and means of attachment to its support
- 04 12105 signal head assembly**
combination of one or more **signal heads** (04 12104) attached to one support
- 04 12106 signal face**
side of a **signal head** (04 12104) capable of exhibiting signal lights
- 04 12107 primary signal face**
signal face (04 12106) nearest to and facing oncoming **traffic** (01); it is situated close to the **stop line** (04 12100) on the near side of the **carriageway** (01) facing the approaching **traffic** (01) but may be duplicated on the off-side
- 04 12108 secondary signal face**
signal face (04 12106) facing oncoming **traffic** (01) supplementing the **primary signal face** (04 12107) and beyond the **stop line** (04 12100)
- 04 12109 restricted right of way**
movement in a particular direction accorded only by a green arrow **traffic signal** (04 12103) at a **primary signal face** (04 12107)
- 04 12110 stage**
indication by **traffic signals** (04 12103) during a period of the **signalling cycle** (04 12112) that gives **right of way** (04 19015) to one or more particular **traffic** (01) movements
- 04 12111 phase**
set of conditions that fixes the pattern of movement and waiting for one or more **traffic streams** (04 19013) during a **signalling cycle** (04 12112)
- 04 12112 signalling cycle**
one complete sequence of the operation of **traffic signals** (04 12103)
- 04 12113 controller**
apparatus that controls and switches **traffic signals** (04 12103)
- 04 12114 vehicle actuated traffic signals**
traffic (01) signalling equipment in which the duration of the red and green signal lights and the time of duration of the **signalling cycle** (04 12112) vary in relation to the **traffic flow** (05 19016) into and through the controlled area
- NOTE It is actuated by a **detector** (04 19062).*
- 04 12115 concurrent ambers**
condition where on a change of **right of way** (04 19015) all the warning indications to **traffic** (01) about to start or for that called upon to stop, start together
- 04 12116 staggered ambers**
condition where on a change of **right of way** (04 19015) the warning to **traffic streams** (04 19013) about to start commences during the warning to **traffic streams** (04 19013) called upon to stop

- 04 12117 sequent ambers**
condition where on a change of **right of way** (04 19015) the start of a warning to **traffic streams** (04 19013) about to start coincides with the end of the warning to **traffic streams** (04 19013) called upon to stop
- 04 12118 funnelling system**
traffic signals (04 12103) that concentrate **traffic** (01) into small groups to reduce congestion
- 04 12119 road stud**
small metal marker placed with others across the surface of a **carriageway** (01) to indicate the limits of a **pedestrian crossing** (04 12027)
- 04 12120 traffic line**
road marking (01) in the form of a line
- 04 12121 pavement sub-base**
one or more layers of **material** (01) placed immediately above the **road formation** (01)
- 04 12122 roadbase**
main structural element of a **pavement** (01)
- 04 12123 basecourse**
course forming part of the **surfacing** (04 12061) immediately below the **surface layer** (04 12124)
- 04 12124 surface layer**
upper layer of **pavement** (01) the surface of which is in contact with the **traffic** (01)

3.3 Materials (04 13xxx)

- 04 13001 coated grit**
grit (BS EN 12670) coated with **bitumen** (01)
- 04 13003 chippings**
single sized **aggregate** (09 23003) of nominal **size** (01) between 3 mm and 20 mm
- 04 13004 coated chippings**
chippings (04 13003) coated with **bitumen** (01)
- 04 13005 soil cement**
soil (01), **clinker** (09 13004) or ash stabilized or strengthened with a **hydraulic binder** (01)
- 04 13006 bituminous binder**
bituminous (04 17014) **material** (01) with adhesive and waterproofing **properties** (01)
- 04 13007 modified binder**
bituminous binder (04 13006) incorporating an **additive** (01)