

SECTION E — FIXED CONSTRUCTIONS

E01 CONSTRUCTION OF ROADS, RAILWAYS, OR BRIDGES

E01F ADDITIONAL WORK, SUCH AS EQUIPPING ROADS OR THE CONSTRUCTION OF PLATFORMS, HELICOPTER LANDING STAGES, SIGNS, SNOW FENCES, OR THE LIKE

Subclass index

ARRANGEMENTS FOR ROADS OR RAILWAYS.....	1/00, 5/00-8/00
ARRANGEMENTS FOR FACILITATING THE USE OF ROADS.....	9/00-15/00
LANDING STAGES FOR HELICOPTERS.....	3/00

Arrangement or construction of additional equipment for roads or railways; Landing stages for helicopters

- 1/00 Construction of platforms or refuge islands** (general arrangement of railway platforms B61B) [1, 2006.01]
- 3/00 Landing stages for helicopters, e.g. located above buildings** (layout of airfields B64F; buildings or like structures for special purposes E04H) [1, 2006.01]
- 5/00 Draining the sub-base of roads or ballastway of railways by trenches, culverts, or conduits** (underground drainage E02D; conduits for sewerage E03F) [1, 2006.01]
- 7/00 Devices affording protection against snow, sand drifts, side-wind effects, snowslides, avalanches or falling rocks** (permanently installed heating or blowing devices for roads E01C 11/26); **Anti-dazzle arrangements** [1, 2006.01]
 - 7/02 • Snow fences or similar devices, e.g. devices affording protection against sand drifts or side-wind effects (fences in general E04H 17/00) [1, 2006.01]
 - 7/04 • Devices affording protection against snowslides, avalanches or falling rocks, e.g. avalanche preventing structures, galleries (securing of slopes E02D 17/20; roof snow-traps E04D 13/10) [1, 2006.01]
 - 7/06 • Anti-dazzle arrangements (E01F 8/00 takes precedence) [1, 3, 2006.01]
- 8/00 Arrangements for absorbing or reflecting air transmitted noise from road or railway traffic** (ground installations for reducing aircraft noise B64F 1/26; general building constructions for absorbing or reflecting noise, noise absorption or reflection for buildings E04B 1/74) [3, 2006.01]
 - 8/02 • specially adapted for sustaining vegetation or for accommodating plants (receptacles for cultivation of plants A01G 9/02; securing slopes or inclines E02D 17/20; retaining or protecting walls E02D 29/02) [6, 2006.01]

Arrangements for facilitating the use of roads

- 9/00 Arrangement of road signs or traffic signals; Arrangements for enforcing caution** (for obstructing or restricting traffic E01F 13/00) [1, 6, 2006.01, 2016.01]
 - 9/20 • Use of light guides, e.g. fibre-optic devices [2016.01]
 - 9/30 • Arrangements interacting with transmitters or receivers otherwise than by visible means, e.g. using radar reflectors or radio transmitters (E01F 11/00 takes precedence) [2016.01]
 - 9/40 • Arrangements responsive to adverse atmospheric conditions, e.g. to signal icy roads or to automatically illuminate in fog; Arrangements characterised by heating or drying means [2016.01]
 - 9/50 • Road surface markings; Kerbs or road edgings, specially adapted for alerting road users (for redirecting vehicles E01F 15/00) [2016.01]
 - 9/506 • • characterised by the road surface marking material, e.g. comprising additives for improving friction or reflectivity; Methods of forming, installing or applying markings in, on or to road surfaces [2016.01]
 - 9/512 • • • Preformed road surface markings, e.g. of sheet material; Methods of applying preformed markings [2016.01]
 - 9/518 • • • formed *in situ*, e.g. by painting, by casting into the road surface or by deforming the road surface [2016.01]
 - 9/524 • • • Reflecting elements specially adapted for incorporation in or application to road surface markings [2016.01]
 - 9/529 • • specially adapted for signalling by sound or vibrations, e.g. rumble strips; specially adapted for enforcing reduced speed, e.g. speed bumps [2016.01]
 - 9/535 • • Kerbs or road edgings specially adapted for alerting road users [2016.01]
 - 9/541 • • • Kerbs [2016.01]
 - 9/547 • • • illuminated [2016.01]
 - 9/553 • • Low discrete bodies, e.g. marking blocks, studs or flexible vehicle-striking members [2016.01]
 - 9/559 • • • illuminated [2016.01]
 - 9/565 • • • having deflectable or displaceable parts [2016.01]

- 9/571 • • • • displaceable vertically under load, e.g. in combination with rotation [2016.01]
- 9/576 • • Traffic lines [2016.01]
- 9/582 • • • illuminated [2016.01]
- 9/588 • • • Lane delineators for physically separating traffic lanes and discouraging but not preventing crossing [2016.01]
- 9/594 • • • movable for reuse at different locations [2016.01]
- 9/60 • Upright bodies, e.g. marker posts or bollards; Supports for road signs [2016.01]
- 9/604 • • specially adapted for particular signalling purposes, e.g. for indicating curves, road works or pedestrian crossings [2016.01]
- 9/608 • • • for guiding, warning or controlling traffic, e.g. delineator posts or milestones [2016.01]
- 9/612 • • • for indicating freshly applied road surface markings, e.g. straddling lines [2016.01]
- 9/615 • • • illuminated [2016.01]
- 9/619 • • • with reflectors; with means for keeping reflectors clean [2016.01]
- 9/623 • • characterised by form or by structural features, e.g. for enabling displacement or deflection [2016.01]
- 9/627 • • • self-righting after deflection or displacement [2016.01]
- 9/631 • • • specially adapted for breaking, disengaging, collapsing or permanently deforming when deflected or displaced, e.g. by vehicle impact [2016.01]
- 9/635 • • • • by shearing or tearing, e.g. having weakened zones [2016.01]
- 9/638 • • • • by connection of stud-and-socket type, e.g. spring-loaded [2016.01]
- 9/642 • • • • friction-coupled [2016.01]
- 9/646 • • • extensible, collapsible or pivotable (E01F 9/627, E01F 9/631 take precedence) [2016.01]
- 9/65 • • • with rotatable, swingable or adjustable signs or signals (E01F 9/646 takes precedence) [2016.01]
- 9/654 • • • in the form of three-dimensional bodies, e.g. cones; capable of assuming three-dimensional form, e.g. by inflation or erection to form a geometric body [2016.01]
- 9/658 • • characterised by means for fixing [2016.01]
- 9/662 • • • mounted on vehicles, e.g. service vehicles; Warning vehicles travelling along with road-maintenance, e.g. remotely controlled [2016.01]
- 9/669 • • • for fastening to safety barriers or the like [2016.01]
- 9/673 • • • for holding sign posts or the like [2016.01]
- 9/677 • • • • the sign posts being removable without tools, e.g. of stud-and-socket type [2016.01]
- 9/681 • • • • the sign posts being fastened by removable means, e.g. screws or bolts [2016.01]
- 9/685 • • • • Subsoil means, e.g. foundations [2016.01]
- 9/688 • • Free-standing bodies [2016.01]
- 9/692 • • • Portable base members therefor [2016.01]
- 9/696 • • Overhead structures, e.g. gantries; Foundation means specially adapted therefor [2016.01]
- 9/70 • • Storing, transporting, placing or retrieving portable devices [2016.01]
- 11/00 Embedding pads or other sensitive devices in paving or other road surfaces** (pressure-sensitive elements G01L; traffic control systems G08G) [1, 2006.01]
- 13/00 Arrangements for obstructing or restricting traffic, e.g. gates, barricades** (for railway crossings B61L) [1, 2006.01]
- 13/02 • free-standing [6, 2006.01]
- 13/04 • movable to allow or prevent passage [6, 2006.01]
- 13/06 • • by swinging into open position about a horizontal axis parallel to the road direction, i.e. swinging gates [6, 2006.01]
- 13/08 • • by swinging into closed position about a transverse axis situated in the road surface, e.g. tiltable sections of the road surface, tiltable parking posts [6, 2006.01]
- 13/10 • Vehicle barriers specially adapted for allowing passage in one direction only [6, 2006.01]
- 13/12 • for forcibly arresting or disabling vehicles, e.g. spiked mats [6, 2006.01]
- 15/00 Safety arrangements for slowing, redirecting or stopping errant vehicles, e.g. guard posts or bollards; Arrangements for reducing damage to roadside structures due to vehicular impact** (arrangements for fastening signs or signals to safety barriers or the like E01F 9/669; for forcibly arresting vehicles E01F 13/00) [1, 6, 2006.01]
- 15/02 • Continuous barriers extending along roads or between traffic lanes (crossable-lane separators E01F 9/588) [6, 2006.01]
- 15/04 • • essentially made of longitudinal beams or rigid strips (E01F 15/10, E01F 15/12 take precedence) [6, 2006.01]
- 15/06 • • essentially made of cables, nettings or the like (E01F 15/10, E01F 15/12 take precedence; protection against falling rocks E01F 7/04; arresting gear for aircraft B64F 1/02) [6, 2006.01]
- 15/08 • • essentially made of walls or wall-like elements (E01F 15/10, E01F 15/12 take precedence) [6, 2006.01]
- 15/10 • • portable, e.g. for temporary use [6, 2006.01]
- 15/12 • • and having means for providing occasional passage, e.g. for emergency vehicles [6, 2006.01]
- 15/14 • specially adapted for local protection, e.g. for bridge piers, for traffic islands [6, 2006.01]