

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 169

DATE: FEBRUARY 1, 2016

PROJECT RP0305

The following classification changes will be effected by this Notice of Changes:

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>Symbols deleted:</b>	E01F	9/002
	E01F	9/005
	E01F	9/007
	E01F	9/011
	E01F	9/0111
	E01F	9/0112
	E01F	9/0113
	E01F	9/0114
	E01F	9/0115
	E01F	9/0116
	E01F	9/0117
	E01F	9/0118
	E01F	9/012
	E01F	9/0122
	E01F	9/0124
	E01F	9/0126
	E01F	9/0128
	E01F	9/013
	E01F	9/014
	E01F	9/015
	E01F	9/016
	E01F	9/0165
	E01F	9/017
	E01F	9/0175
	E01F	9/018
	E01F	9/0182
	E01F	9/0184
	E01F	9/0186
	E01F	9/0188
	E01F	9/019
	E01F	9/03
	E01F	9/04
	E01F	9/041
	E01F	9/042
	E01F	9/044
	E01F	9/045
	E01F	9/047
	E01F	9/053
	E01F	9/0533
	E01F	9/0536
	E01F	9/06
	E01F	9/065

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	E01F	9/07
	E01F	9/073
	E01F	9/076
	E01F	9/08
	E01F	9/081
	E01F	9/083
	E01F	9/085
	E01F	9/087
	E01F	9/093
<b>Symbols newly created:</b>	E01F	9/20
	E01F	9/30
	E01F	9/40
	E01F	9/50
	E01F	9/506
	E01F	9/512
	E01F	9/518
	E01F	9/524
	E01F	9/529
	E01F	9/535
	E01F	9/541
	E01F	9/547
	E01F	9/553
	E01F	9/559
	E01F	9/565
	E01F	9/571
	E01F	9/573
	E01F	9/576
	E01F	9/578
	E01F	9/582
	E01F	9/588
	E01F	9/594
	E01F	9/60
	E01F	9/602
	E01F	9/604
	E01F	9/608
	E01F	9/61
	E01F	9/612
	E01F	9/615
	E01F	9/617
	E01F	9/619
	E01F	9/623
	E01F	9/627
	E01F	9/629
	E01F	9/631
	E01F	9/635
	E01F	9/638
	E01F	9/642

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	E01F	9/644
	E01F	9/646
	E01F	9/65
	E01F	9/654
	E01F	9/658
	E01F	9/662
	E01F	9/669
	E01F	9/673
	E01F	9/675
	E01F	9/677
	E01F	9/681
	E01F	9/685
	E01F	9/688
	E01F	9/692
	E01F	9/696
	E01F	9/70
<b>Title wording change:</b>	E01C	11/22
	E01C	17/00
	E01C	23/16
	E01F	7/06
	E01F	9/00
	E01F	15/00
	E01F	15/02
	E04H	12/00
<b>Scheme Warning Notices to be added:</b>	E01F	9/00
	E01F	9/506
	E01F	9/518
	E01F	9/576
	E01F	9/60
	E01F	9/604
	E01F	9/623
	E01F	9/654
	E01F	9/658
	E01F	9/688
	E01F	13/00

**The following subclasses are also impacted by this Notice of Changes (indicate subclasses outside of the project scope, such as those listed in the CRL):**

E01C, E04H, G08G, G01W, E01D, G01C, E04C, B60P, F21V, F21S, A61H

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**This Notice of Changes includes the following** *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES
  - A. New, Modified or Deleted Group(s)
  - B. New, Modified or Deleted Warning Notice(s)
  - C. New, Modified or Deleted Note(s)
  - D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS (New or Modified)
  - A. DEFINITIONS (Full definition template)
  - B. DEFINITIONS (Definitions Quick Fix)
3.  REVISION CONCORDANCE LIST (RCL)
4.  CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5.  CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

**SUBCLASS E01C - CONSTRUCTION OF, OR SURFACES FOR, ROADS, SPORTS GROUNDS, OR THE LIKE; MACHINES OR AUXILIARY TOOLS FOR CONSTRUCTION OR REPAIR**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to<sup>#</sup></u>
M	E01C 11/22	1	Gutters; Kerbs ( kerbs specially adapted for alerting road users E01F9/535) {; Surface drainage of streets, roads or like traffic areas (for sports grounds E01C 13/00)}	
M	E01C 17/00	0	Pavement lights, i.e. translucent constructions forming part of the surface (blocks specially designed for marking roads E01F9/524)	
M	E01C 23/16	1	Devices for marking-out, applying, or forming traffic or like markings on finished paving ( E01C 23/14 takes precedence; inserting or forming in not-yet hardened paving E01C 23/02, in recesses formed in fully-set paving E01C 23/09; marking-out playing courts or playgrounds A63C 19/06; applying liquids or other fluent materials to surfaces in general B05; road surface markings per se E01F 9/50); Protecting fresh markings	

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

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to<sup>#</sup></u>
M	E01F 7/06	1	Anti-dazzle arrangements (E01F 8/00 takes precedence) {; Securing anti-dazzle means to crash-barriers (securing signs or supports therefor to crash-barriers E01F 9/669)}	
C	E01F 9/00	0	Arrangement of road signs or traffic signals; Arrangements for enforcing caution (for obstructing or restricting traffic E01F 13/00)	E01F 9/00 E01F 13/00

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D	E01F 9/002	1	{Use of light guides, e.g. fibre optic devices (in lighting devices or systems F21S10/005; indicating arrangements with optic fibres G09F9/305)}	<Admin. transfer to E01F 9/20>
D	E01F 9/005	1	{Marking means constituting or comprising active or passive components adapted to interact with vehicle-borne or remote receivers or transmitters for purposes other than light reflection, light guiding or photoluminescence, e.g. forming radar reflectors, incorporating radio transmitters (E01F11/00 takes precedence; control of position or course of vehicles G05D1/02)}	<Admin. transfer to E01F 9/30>
D	E01F 9/007	1	{Marking means with components adapted to auto-react to adverse atmospheric conditions, e.g. to signal icy road, to self-illuminate in fog; Marking or traffic control means with specific heating or drying arrangements}	<Admin. transfer to E01F 9/40>
D	E01F 9/011	1	Upright bodies, e.g. marker posts or bollards; Supports for road signs, {e.g. posts, frames, gantries}{(E01F9/045, E01F9/0533, E01F13/02 take precedence);} posts or poles in general E04H12/00; means for attaching signs to a supporting structure in general G09F7/18)	<Admin. transfer to E01F 9/60>
D	E01F 9/0111	2	{Traffic guidance, warning or control posts, bollards, e.g. delineator posts, milestones (barrier bollards E01F13/00; buffer bollards E01F15/003; boundary markers in general G01C15/04)}	<Admin. transfer to E01F 9/608>
D	E01F 9/0112	3	{Special features of delineator posts, e.g. with parts cantilevered toward the roadway or fixed vertically on a tilted surface (E01F9/03, E01F9/053, E01F9/08 take precedence)}	<Admin. transfer to E01F 9/61>
D	E01F 9/0113	2	{Gantries or semi-gantries; Foundation means specially adapted therefor}	<Admin. transfer to E01F 9/696>
D	E01F 9/0114	2	{Holders for traffic poles (E01F9/0112, E01F9/0113, E01F9/0118, E01F9/013 take precedence)}	<Admin. transfer to E01F 9/673>
D	E01F 9/0115	3	{Glued to surface, e.g. road}	<Admin. transfer to E01F 9/675>
D	E01F 9/0116	3	{Removably fixed, e.g. by screws or bolts}	<Admin. transfer to E01F 9/681>

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D	E01F 9/0117	3	{Subsoil fixings, e.g. foundations for holders or posts }	<Admin. transfer to E01F 9/685>
D	E01F 9/0118	2	{designed or adapted to rotatably, swingably or adjustably carry the sign or signal (E01F9/019 takes precedence; means for adjustably, rotatably or swingably attaching signs to a supporting structure in general G09F7/20, G09F7/22)}	<Admin. transfer to E01F 9/65>
D	E01F 9/012	2	Free-standing, e.g. traffic cones, foldable or inflatable devices; {Portable supports (for barriers E01F13/02); Portable traffic signs or signals (specially adapted for fitting to raised kerbs E01F9/0533, to portable barriers E01F13/02, to crash barriers E01F9/03; normal vehicle equipment portable emergency signal devices to be placed on way B60Q7/00; portable traffic signalling devices, i.e. hand signals G08B5/006)}	<Admin. transfer to E01F 9/688>
D	E01F 9/0122	3	{in the form of a three-dimensional body, other than of the relatively thin panel type, or designed to assume such form, e.g. cones, devices expandable or erectable to form a geometric body; Inflatable structures }	<Admin. transfer to E01F 9/654>
D	E01F 9/0124	3	{Portable base members (post holders to be placed on the ground in general E04H12/2238)}	<Admin. transfer to E01F 9/692>
D	E01F 9/0126	3	{mounted on vehicles, e.g. for rapid change of station, as signal fitting of service vehicle (vehicle aspects B60P, B62D); Warning vehicles designed to move along with traveling road-maintenance, e.g. remotely controlled (mobile impact cushioning arrangements E01F15/14)}	<Admin. transfer to E01F 9/662>
D	E01F 9/0128	3	{specially adapted for indicating freshly applied road surface markings, e.g. for straddling wet paint lines }	<Admin. transfer to E01F 9/612>
D	E01F 9/013	2	intended to be readily removable, e.g. for insertion into road-stud sockets (E01F9/012 takes precedence); {Base members specially adapted therefor (E01F9/018, E01F13/026 take precedence)}	<Admin. transfer to E01F 9/677>

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D	E01F 9/014	2	Storing, transporting, placing or retrieving portable devices, {e.g. road cones emplacing vehicles (vehicle aspects B60P, B62D; applying permanent markers, e.g. buttons E01C23/18)}	<Admin. transfer to E01F 9/70>
D	E01F 9/015	2	with reflectors, e.g. with means for keeping clean, {e.g. for delineator posts; Substituting reflecting means by unsoiled ones}	<Admin. transfer to E01F 9/619>
D	E01F 9/016	2	illuminated, {e.g. with provisions for wiring-up, lights for illuminated signs}(for obstructing or restricting traffic E01F13/00; {lighting, e.g. for sheets F21; illuminated signs in general G09F13/00})	<Admin. transfer to E01F 9/615>
D	E01F 9/0165	3	{Illuminated or wired-up posts, bollards, pillars or like upstanding bodies or structures for traffic guidance, warning or control (E01F9/065 takes precedence)}	<Admin. transfer to E01F 9/617>
D	E01F 9/017	2	self-righting after deflection or displacement {(E01F9/012, E01F9/045, E01F9/076 take precedence)}	<Admin. transfer to E01F 9/627>
D	E01F 9/0175	3	{Traffic guidance, warning or control posts, bollards, pillars or like upstanding bodies or structures}	<Admin. transfer to E01F 9/629>
D	E01F 9/018	2	specially adapted for breaking, disengaging, collapsing or permanent deformation upon deflection or displacement, e.g. upon vehicle impact; {replaceable couplings (E01F9/0118, E01F9/012, E01F9/014, E01F9/016, E01F9/017 take precedence)}	<Admin. transfer to E01F 9/631>
D	E01F 9/0182	3	{by shearing or tearing, e.g. having weakened zones}	<Admin. transfer to E01F 9/635>
D	E01F 9/0184	3	{by connection of the "slide-shoe" type}	<Admin. transfer to E01F 9/644>
D	E01F 9/0186	3	{by connection of the "male-female" type, e.g. spring-loaded (E01F9/0182, E01F9/0188 take precedence)}	< Admin. transfer to E01F 9/638>
D	E01F 9/0188	3	{Friction coupled}	<Admin. transfer to E01F 9/642>

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D	E01F 9/019	2	extensible, collapsible or pivotable {, e.g. telescopic,}(E01F9/017, E01F9/018 take precedence){; retractable or otherwise movable to an underground position (E01F9/093, E01F13/046, E01F13/085 take precedence; retractable traffic islands E01F1/00)}	<Admin. transfer to E01F 9/646>
D	E01F 9/03	2	Arrangements for fastening signs or signals to safety barriers or the like {(securing anti-dazzle means E01F7/06)}	<Admin. transfer to E01F 9/669>
D	E01F 9/04	1	Road surface markings; Kerbs or road edgings, specially adapted for informing road users, e.g. illuminated (for redirecting vehicles E01F15/00)	<Admin. transfer to E01F 9/50>
D	E01F 9/041	2	{Selection of materials for road surface marking, e.g. wheel-grip improving additives, reflecting particles (specially adapted for kerbs E01F9/053, for playing grounds A63C19/06; reflecting or signal paints C09D5/004); Methods of forming, installing or applying markings in, on or to paving (E01F9/047, E01F9/053, E01F9/06 take precedence; devices therefor E01C)}	<Admin. transfer to E01F 9/506>
D	E01F 9/042	3	{Preformed markings, e.g. materials for sheets or signs, methods of bonding same to road surface (traffic line tapes E01F9/083)}	<Admin. transfer to E01F 9/512>
D	E01F 9/044	3	{Reflecting elements specially adapted for incorporation in or application to road surface marking materials, sheets or tapes (reflectors for individual road surface markers E01F9/06)}	<Admin. transfer to E01F 9/524>
D	E01F 9/045	2	{Upright or projecting signs or signals permanently installed directly on or in the roadway and designed to be depressed by rolling or other loads and then to return to normal position, e.g. collapsible or rockable stop signs, flexible vehicle-striking members for audible warning (E01F9/07, E01F13/10 take precedence)}	<Admin. transfer to E01F 9/602>
D	E01F 9/047	2	specially adapted for audible or vibrational signalling, e.g. rumble strips {across a lane}, or for enforcing reduced speed, e.g. speed bumps {(E01F9/045, E01F9/053, E01F13/10 take precedence)}	<Admin. transfer to E01F 9/529>

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D	E01F 9/053	2	Kerbs or road edgings, specially adapted for informing road users, e.g. illuminated	<Admin. transfer to E01F 9/535>
D	E01F 9/0533	3	{Raised kerbs, e.g. reflective facings, traffic-actuated cleaning means for kerb reflectors; Signs or display means specially for association therewith, e.g. for indicating street names (E01F9/0536 takes precedence)}	<Admin. transfer to E01F 9/541>
D	E01F 9/0536	3	{Illuminated kerbs; Kerbs with illuminated signs or displays (illuminated traffic lines E01F9/085)}	<Admin. transfer to E01F 9/547>
D	E01F 9/06	2	Traffic studs; Marking blocks {like individual road surface markers, e.g. buttons, flaps (E01F9/083 takes precedence); Methods of forming or installing same in or on the road surface (devices therefor E01C); Protecting same during road maintenance work; Reflectors specially for individual road surface markers; Illuminated low-built traffic guiding, warning or controlling bodies, e.g. of mushroom or dome type}	<Admin. transfer to E01F 9/553>
D	E01F 9/065	3	{illuminated; Illuminated low-built road traffic guiding, warning or controlling bodies, e.g. of mushroom or dome type (illuminated bollards E01F9/0165)}	<Admin. transfer to E01F 9/559>
D	E01F 9/07	3	having deflectable or displaceable parts, with or without return to original position, e.g. flexible flaps	<Admin. transfer to E01F 9/565>
D	E01F 9/073	4	{designed to descend or deform under load essentially vertically downwards into the road or a housing, with or without concurrent rotational movement, while biased to raised position}	<Admin. transfer to E01F 9/571>
D	E01F 9/076	4	{Self-righting, upright flexible or rockable markers, e.g. resilient flaps bending over (depressible road surface signs or flexible vehicle-striking members for audible warning E01F9/045)}	<Admin. transfer to E01F 9/573>
D	E01F 9/08	2	Traffic lines, {e.g. edge lines (flush kerbs or edge strips specially adapted for traffic guidance E01F9/053); Methods of forming, installing or applying same in, on or to the road (devices therefor E01C23/16); Traffic lane separators}	<Admin. transfer to E01F 9/576>

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D	E01F 9/081	3	{formed in situ, e.g. painted on or cast into the road, made by sculpturing the surface (E01F9/085, E01F9/087 take precedence; materials therefor E01F9/041)}	<Admin. transfer to E01F 9/518>
D	E01F 9/083	3	{consisting of preformed elements, e.g. tapes, block-type elements specially designed or arranged to make up a traffic line (E01F9/085, E01F9/087, E01F9/093 take precedence; studs, blocks or like markers per se E01F9/06)}	<Admin. transfer to E01F 9/578>
D	E01F 9/085	3	{Illuminated traffic lines (E01F9/093 takes precedence)}	<Admin. transfer to E01F 9/582>
D	E01F 9/087	3	Lane delineators for physically separating traffic lanes and discouraging but not preventing crossing {,e.g. low barriers for channelling traffic (E01F9/093 takes precedence; insurmountable lane-separating barriers E01F15/006, E01F15/02)}	<Admin. transfer to E01F 9/588>
D	E01F 9/093	3	movable for repeated use at different locations {,e.g. shiftable lines, line location transferable by selective illumination, retractable lane delineating posts (E01F15/006 takes precedence; retractable posts E01F9/019)}	<Admin. transfer to E01F 9/594>
N	E01F 9/20	1	Use of light guides, e.g. fibre-optic devices	
N	E01F 9/30	1	Arrangements interacting with transmitters or receivers otherwise than by visible means, e.g. using radar reflectors or radio transmitters (E01F 11/00 takes precedence)	
N	E01F 9/40	1	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	
N	E01F 9/50	1	Road surface markings; Kerbs or road edgings, specially adapted for alerting road users (for redirecting vehicles E01F 15/00)	
Q	E01F 9/506	2	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	E01F 9/506, E01F 9/518

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N	E01F 9/512	3	Preformed road surface markings, e.g. of sheet material; Methods of applying preformed markings	
Q	E01F 9/518	3	formed in situ, e.g. by painting, by casting into the road surface or by deforming the road surface	E01F 9/518, E01F 9/576
N	E01F 9/524	3	Reflecting elements specially adapted for incorporation in or application to road surface markings	
N	E01F 9/529	2	specially adapted for signaling by sound or vibrations, e.g. rumble strips; specially adapted for enforcing reduced speed, e.g. speed bumps	
N	E01F 9/535	2	Kerbs or road edgings specially adapted for alerting road users	
N	E01F 9/541	3	Kerbs	
N	E01F 9/547	3	illuminated	
N	E01F 9/553	2	Low discrete bodies, e.g. marking blocks, studs or flexible vehicle-striking members	
N	E01F 9/559	3	illuminated	
N	E01F 9/565	3	having deflectable or displaceable parts	
N	E01F 9/571	4	displaceable vertically under load, e.g. in combination with rotation	
N	E01F 9/573	4	{Self-righting, upright flexible or rockable markers, e.g. resilient flaps bending over (depressible road surface signs or flexible vehicle-striking members for audible warning E01F 9/602)}	
N	E01F 9/576	2	Traffic lines	
N	E01F 9/578	3	{consisting of preformed elements, e.g. tapes, block-type elements specially designed or arranged to make up a traffic line (E01F 9/582, E01F 9/588, E01F 9/594 take precedence; studs, blocks or like markers per se E01F 9/553)}	
N	E01F 9/582	3	illuminated	
N	E01F 9/588	3	Lane delineators for physically separating traffic lanes and discouraging but not preventing crossing	
N	E01F 9/594	3	movable for reuse at different locations	
Q	E01F 9/60	1	Upright bodies, e.g. marker posts or bollards; Supports for road signs	E01F 9/60, E01F 9/604, E01F 9/623, E01F 9/658

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N	E01F 9/602	2	{ Upright or projecting signs or signals permanently installed directly on or in the roadway and designed to be depressed by rolling or other loads and then to return to normal position, e.g. collapsible or rockable stop signs, flexible vehicle-striking members for audible warning (E01F 9/565, E01F 13/10 take precedence)}	
N	E01F 9/604	2	specialized for particular signaling purposes, e.g. for indicating curves, road works or pedestrian crossings	
N	E01F 9/608	3	for guiding, warning or controlling traffic, e.g. delineator posts or milestones	
N	E01F 9/61	4	{Special features of delineator posts, e.g. with parts cantilevered toward the roadway or fixed vertically on a tilted surface (E01F 9/669, E01F 9/535, E01F 9/576 take precedence)}	
N	E01F 9/612	3	for indicating freshly applied road surface markings, e.g. straddling lines	
N	E01F 9/615	3	illuminated	
N	E01F 9/617	4	{Illuminated or wired-up posts, bollards, pillars or like upstanding bodies or structures for traffic guidance, warning or control (E01F 9/559 takes precedence)}	
N	E01F 9/619	3	with reflectors; with means for keeping reflectors clean	
N	E01F 9/623	2	characterised by form or by structural features, e.g. for enabling displacement or deflection	
N	E01F 9/627	3	self-righting after deflection or displacement	
N	E01F 9/629	4	{Traffic guidance, warning or control posts, bollards, pillars or like upstanding bodies or structures}	
N	E01F 9/631	3	specialized for breaking, disengaging, collapsing or permanently deforming when deflected or displaced, e.g. by vehicle impact	
N	E01F 9/635	4	by shearing or tearing, e.g. having weakened zones	
N	E01F 9/638	4	by connection of stud-and-socket type, e.g. spring-loaded	
N	E01F 9/642	4	friction-coupled	

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
N	E01F 9/644	4	{by connection of the "slide-shoe" type}	
N	E01F 9/646	3	extensible, collapsible or pivotable (E01F 9/627, E01F 9/631 take precedence )	
N	E01F 9/65	3	with rotatable, swingable or adjustable signs or signals (E01F 9/646 takes precedence)	
Q	E01F 9/654	3	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	E01F 9/654, E01F 9/688
N	E01F 9/658	2	characterised by means for fixing	
N	E01F 9/662	3	mounted on vehicles, e.g. service vehicles; Warning vehicles travelling along with road-maintenance, e.g. remotely controlled	
N	E01F 9/669	3	for fastening to safety barriers or the like	
N	E01F 9/673	3	for holding sign posts or the like	
N	E01F 9/675	4	{ Glued to surface, e.g. road }	
N	E01F 9/677	4	the sign posts being removable without tools, e.g. of stud-and-socket type	
N	E01F 9/681	4	the sign posts being fastened by removable means, e.g. screws or bolts	
N	E01F 9/685	4	Subsoil means, e.g. foundations	
Q	E01F 9/688	2	Free-standing bodies	E01F 9/688, E01F 9/654
N	E01F 9/692	3	Portable base members therefor	
N	E01F 9/696	2	Overhead structures, e.g. gantries; Foundation means specially adapted therefor	
N	E01F 9/70	2	Storing, transporting, placing or retrieving portable devices	
E	E01F 13/00	0	Arrangements for obstructing or restricting traffic, e.g. gates, barricades (for railway crossings B61L) {; Preventing passage of vehicles of selected category or dimensions (E01F13/12, E01F13/126 take precedence)}	
M	E01F 15/00	0	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)	

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to<sup>#</sup></u>
M	E01F 15/02	1	Continuous barriers extending along roads or between traffic lanes (crossable-lane separators E01F 9/588)	

**SUBCLASS E04H - BUILDINGS OR LIKE STRUCTURES FOR PARTICULAR PURPOSES ; SWIMMING OR SPLASH BATHS OR POOLS ; MASTS ; FENCING ; TENTS OR CANOPIES, IN GENERAL**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to<sup>#</sup></u>
M	E04H 12/00	0	Towers; Masts or poles; Chimney stacks; Water-towers; Methods of erecting such structures (cooling-towers E04H 5/12; supports for road signs E01F 9/60; foundation piles E02D 5/22; foundations for masts, poles or chimneys E02D 27/42; structural elongated members in general E04C 3/00; fixed climbing irons E06C 9/04; derricks for oil drilling E21B 15/00)	

\*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; E= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

## NOTES:

- \*\*No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types except “D” which requires only a symbol.
- #“Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.

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- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

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B. New, Modified or Deleted Warning notice(s)

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

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	E01F 9/00		Group E01F 9/00 is impacted by reclassification into group E01F 13/00. Groups E01F 9/00 and E01F 13/00 should be considered in order to perform a complete search.
N	E01F 9/506		Group E01F 9/506 is impacted by reclassification into group E01F 9/518. Groups E01F 9/506 and E01F 9/518 should be considered in order to perform a complete search.
N	E01F 9/518		Group E01F9/518 is incomplete pending reclassification of documents from group E01F9/506 and impacted by reclassification into group E01F9/576. Groups E01F9/518, E01F9/576 and E01F9/506 should be considered in order to perform a complete search.
N	E01F 9/576		Group E01F 9/576 is incomplete pending reclassification of documents from group E01F 9/518. Groups E01F 9/576 and E01F 9/518 should be considered in order to perform a complete search.
N	E01F 9/60		Group E01F 9/60 is impacted by reclassification into groups E01F 9/604, E01F 9/623, and E01F 9/658. Groups E01F 9/60, E01F 9/604, E01F 9/623, and E01F 9/658 should be considered in order to perform a complete search.
N	E01F 9/604		Group E01F 9/604 is incomplete pending reclassification of documents from group E01F 9/60. Groups E01F 9/604 and E01F 9/60 should be considered in order to perform a complete search
N	E01F 9/623		Group E01F 9/623 is incomplete pending reclassification of documents from group E01F 9/60. Groups E01F 9/623 and E01F 9/60 should be considered in order to perform a complete search

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	E01F 9/654		Group E01F 9/654 is impacted by reclassification into group E01F 9/688. Groups E01F 9/654 and E01F 9/688 should be considered in order to perform a complete search.
N	E01F 9/658		Group E01F 9/658 is incomplete pending reclassification of documents from group E01F 9/60. Groups E01F 9/658 and E01F 9/60 should be considered in order to perform a complete search
N	E01F 9/688		Group E01F 9/688 is impacted by reclassification into group E01F 9/654. Groups E01F 9/688 and E01F 9/654 should be considered in order to perform a complete search.
N	E01F 13/00		Group E01F 13/00 is incomplete pending reclassification of documents from group E01F 9/00. Groups E01F 13/00 and E01F 9/00 should be considered in order to perform a complete search.

\*N = new warning, M = modified warning, D = deleted warning

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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Type of Change</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
E01C11/22	Delete	References relevant to classification in this group	E01F9/053	E01F 9/535
E01C17/00	Delete	References relevant to classification in this group	E01F9/04	E01F 9/50
E01F13/00	Delete	References relevant to classification in this group	E01F9/013	E01F 9/677
E01F13/00	Delete	References relevant to classification in this group	E01F9/047	E01F 9/529
E04H12/00	Delete	References relevant to classification in this group	E01F9/017	E01F 9/627

NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.

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3. REVISION CONCORDANCE LIST (RCL)

<b>Type*</b>	<b>From CPC Symbol (existing)</b>	<b>To CPC Symbol(s)</b>
C	E01F 9/00	E01F9/00 E01F13/00
D	E01F 9/002	<Admin. transfer to E01F 9/20>
D	E01F 9/005	<Admin. transfer to E01F 9/30>
D	E01F 9/007	<Admin. transfer to E01F 9/40>
D	E01F 9/011	<Admin. transfer to E01F 9/60>
D	E01F 9/0111	<Admin. transfer to E01F 9/608>
D	E01F 9/0112	<Admin. transfer to E01F 9/61>
D	E01F 9/0113	<Admin. transfer to E01F 9/696>
D	E01F 9/0114	<Admin. transfer to E01F 9/673>
D	E01F 9/0115	<Admin. transfer to E01F 9/675>
D	E01F 9/0116	<Admin. transfer to E01F 9/681>
D	E01F 9/0117	<Admin. transfer to E01F 9/685>
D	E01F 9/0118	<Admin. transfer to E01F 9/65>
D	E01F 9/012	<Admin. transfer to E01F 9/688>
D	E01F 9/0122	<Admin. transfer to E01F 9/654>
D	E01F 9/0124	<Admin. transfer to E01F 9/692>
D	E01F 9/0126	<Admin. transfer to E01F 9/662>
D	E01F 9/0128	<Admin. transfer to E01F 9/612>
D	E01F 9/013	<Admin. transfer to E01F 9/677>
D	E01F 9/014	<Admin. transfer to E01F 9/70>
D	E01F 9/015	<Admin. transfer to E01F 9/619>
D	E01F 9/016	<Admin. transfer to E01F 9/615>
D	E01F 9/0165	<Admin. transfer to E01F 9/617>
D	E01F 9/017	<Admin. transfer to E01F 9/627>
D	E01F 9/0175	<Admin. transfer to E01F 9/629>
D	E01F 9/018	<Admin. transfer to E01F 9/631>
D	E01F 9/0182	<Admin. transfer to E01F 9/635>
D	E01F 9/0184	<Admin. transfer to E01F 9/644>
D	E01F 9/0186	<Admin. transfer to E01F 9/638>
D	E01F 9/0188	<Admin. transfer to E01F 9/642>
D	E01F 9/019	<Admin. transfer to E01F 9/646>
D	E01F 9/03	<Admin. transfer to E01F 9/669>
D	E01F 9/04	<Admin. transfer to E01F 9/50>
D	E01F 9/041	<Admin. transfer to E01F 9/506>
D	E01F 9/042	<Admin. transfer to E01F 9/512>
D	E01F 9/044	<Admin. transfer to E01F 9/524>
D	E01F 9/045	<Admin. transfer to E01F 9/602>
D	E01F 9/047	<Admin. transfer to E01F 9/529>
D	E01F 9/053	<Admin. transfer to E01F 9/535>
D	E01F 9/0533	<Admin. transfer to E01F 9/541>
D	E01F 9/0536	<Admin. transfer to E01F 9/547>
D	E01F 9/06	<Admin. transfer to E01F 9/553>
D	E01F 9/065	<Admin. transfer to E01F 9/559>

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<b>Type*</b>	<b>From CPC Symbol (existing)</b>	<b>To CPC Symbol(s)</b>
D	E01F 9/07	<Admin. transfer to E01F 9/565>
D	E01F 9/073	<Admin. transfer to E01F 9/571>
D	E01F 9/076	<Admin. transfer to E01F 9/573>
D	E01F 9/08	<Admin. transfer to E01F 9/576>
D	E01F 9/081	<Admin. transfer to E01F 9/518>
D	E01F 9/083	<Admin. transfer to E01F 9/578>
D	E01F 9/085	<Admin. transfer to E01F 9/582>
D	E01F 9/087	<Admin. transfer to E01F 9/588>
D	E01F 9/093	<Admin. transfer to E01F 9/594>
Q	E01F 9/506	E01F 9/506 E01F 9/518
Q	E01F 9/518	E01F 9/518 E01F 9/576
Q	E01F 9/60	E01F 9/60 E01F 9/604 E01F 9/623 E01F 9/658
Q	E01F 9/654	E01F 9/654 E01F 9/688
Q	E01F 9/688	E01F 9/688 E01F 9/654

\* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries.

## NOTES:

- Only C, D, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
E01F 9/002		DELETE
E01F 9/005		DELETE
E01F 9/007		DELETE
E01F 9/011		DELETE
E01F 9/0111		DELETE
E01F 9/0112		DELETE
E01F 9/0113		DELETE
E01F 9/0114		DELETE
E01F 9/0115		DELETE
E01F 9/0116		DELETE
E01F 9/0117		DELETE
E01F 9/0118		DELETE
E01F 9/012		DELETE
E01F 9/0122		DELETE
E01F 9/0124		DELETE
E01F 9/0126		DELETE
E01F 9/0128		DELETE
E01F 9/013		DELETE
E01F 9/014		DELETE
E01F 9/015		DELETE
E01F 9/016		DELETE
E01F 9/0165		DELETE
E01F 9/017		DELETE
E01F 9/0175		DELETE
E01F 9/018		DELETE
E01F 9/0182		DELETE
E01F 9/0184		DELETE
E01F 9/0186		DELETE
E01F 9/0188		DELETE
E01F 9/019		DELETE
E01F 9/03		DELETE
E01F 9/04		DELETE
E01F 9/041		DELETE
E01F 9/042		DELETE
E01F 9/044		DELETE
E01F 9/045		DELETE
E01F 9/047		DELETE
E01F 9/053		DELETE
E01F 9/0533		DELETE

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
E01F 9/0536		DELETE
E01F 9/06		DELETE
E01F 9/065		DELETE
E01F 9/07		DELETE
E01F 9/073		DELETE
E01F 9/076		DELETE
E01F 9/08		DELETE
E01F 9/081		DELETE
E01F 9/083		DELETE
E01F 9/085		DELETE
E01F 9/087		DELETE
E01F 9/093		DELETE
E01F 9/20	E01F 9/20	NEW
E01F 9/30	E01F 9/30	NEW
E01F 9/40	E01F 9/40	NEW
E01F 9/50	E01F 9/50	NEW
E01F 9/506	E01F 9/506	NEW
E01F 9/512	E01F 9/512	NEW
E01F 9/518	E01F 9/518	NEW
E01F 9/524	E01F 9/524	NEW
E01F 9/529	E01F 9/529	NEW
E01F 9/535	E01F 9/535	NEW
E01F 9/541	E01F 9/541	NEW
E01F 9/547	E01F 9/547	NEW
E01F 9/553	E01F 9/553	NEW
E01F 9/559	E01F 9/559	NEW
E01F 9/565	E01F 9/565	NEW
E01F 9/571	E01F 9/571	NEW
E01F 9/573	E01F 9/565	NEW
E01F 9/576	E01F 9/576	NEW
E01F 9/578	E01F 9/576	NEW
E01F 9/582	E01F 9/582	NEW
E01F 9/588	E01F 9/588	NEW
E01F 9/594	E01F 9/594	NEW
E01F 9/60	E01F 9/60	NEW
E01F 9/602	E01F 9/60	NEW
E01F 9/604	E01F 9/604	NEW
E01F 9/608	E01F 9/608	NEW
E01F 9/61	E01F 9/608	NEW
E01F 9/612	E01F 9/612	NEW
E01F 9/615	E01F 9/615	NEW
E01F 9/617	E01F 9/615	NEW
E01F 9/619	E01F 9/619	NEW

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
E01F 9/623	E01F 9/623	NEW
E01F 9/627	E01F 9/627	NEW
E01F 9/629	E01F 9/627	NEW
E01F 9/631	E01F 9/631	NEW
E01F 9/635	E01F 9/635	NEW
E01F 9/638	E01F 9/638	NEW
E01F 9/642	E01F 9/642	NEW
E01F 9/644	E01F 9/631	NEW
E01F 9/646	E01F 9/646	NEW
E01F 9/65	E01F 9/65	NEW
E01F 9/654	E01F 9/654	NEW
E01F 9/658	E01F 9/658	NEW
E01F 9/662	E01F 9/662	NEW
E01F 9/669	E01F 9/669	NEW
E01F 9/673	E01F 9/673	NEW
E01F 9/675	E01F 9/673	NEW
E01F 9/677	E01F 9/677	NEW
E01F 9/681	E01F 9/681	NEW
E01F 9/685	E01F 9/685	NEW
E01F 9/688	E01F 9/688	NEW
E01F 9/692	E01F 9/692	NEW
E01F 9/696	E01F 9/696	NEW
E01F 9/70	E01F 9/70	NEW

\*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with “NEW.”
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with “UPDATED.”
- For a (D) CPC entry or indexing entry complete the Action column with “DELETE.” IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with “NEW”.
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with “CPCONLY” and complete the action column with “NEW”.

NOTES:

- F symbols are not included in the CICL table above.
- E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

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5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
E01C 1/007	E01F 9/047	E01F 9/529
E01C 9/007	E01F 9/047	E01F 9/529
E01C 11/221	E01F 9/053	E01F 9/535
E01C 11/222	E01F 9/0533 E01F 9/0536	E01F 9/535 E01F 9/547
E01F 1/00	E01F 9/0533 E01F 9/0536 E01F 9/087	E01F 9/535 E01F 9/547 E01F 9/588
E01F 13/02	E01F 9/012	E01F 9/688
E01F 13/026	E01F 9/013	E01F 9/677
E01F 13/044	E01F 9/047	E01F 9/529
E01F 13/046	E01F 9/093	E01F 9/594
E01F 15/006	E01F 9/093	E01F 9/594
E01F 15/0461	E01F 9/011	E01F 9/60
E04H 6/00	E01F 9/00	E01F 9/50
E04H 12/18	E01F 9/017	E01F 9/627
E04H 12/22	E01F 9/011	E01F 9/673
E04H 12/2253	E01F 9/018	E01F 9/631

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
A61H3/066	E01F 9/04	Informative references	E01F 9/50
B60P 3/00	E01F 9/014	References relevant to classification in this group	E01F 9/70
E01C 1/00	E01F 9/047	References relevant to classification in this group	E01F 9/529
E01C 1/007	E01F 9/047	References relevant to classification in this group	E01F 9/529
E01C 9/00	E01F 9/047	References relevant to classification in this group	E01F 9/529

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<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
E01C 11/22	E01F 9/053	References relevant to classification in this group	E01F 9/535
E01C 17/00	E01F 9/04	References relevant to classification in this group	E01F 9/50
E01C 23/00	E01F 9/04	Informative references	E01F 9/50
E01D	E01F 9/011	References relevant to classification in this subclass	E01F 9/696
E01F 1/00	E01F 9/053	References relevant to classification in this group	E01F 9/535
E01F 1/00	E01F 9/087	References relevant to classification in this group	E01F 9/588
E01F 7/00	E01F 9/03	References relevant to classification in this group	E01F 9/669
E01F 13/00	E01F 9/013	References relevant to classification in this group	E01F 9/677
E01F 13/00	E01F 9/047	References relevant to classification in this group	E01F 9/529
E04C 3/38	E01F 9/0113	Informative references	E01F 9/696
E04H 6/00	E01F 9/00	References relevant to classification in this group	E01F 9/50
E04H 12/00	E01F 9/017	References relevant to classification in this group	E01F 9/627
E04H 12/22	E01F 9/011	Informative references	E01F 9/673
E04H 12/22	E01F 9/018	References relevant to classification in this group	E01F 9/631
F21S 8/00	E01F 9/0122	Definition statement	E01F 9/654
F21S 8/00	E01F 9/0122	Informative references	E01F 9/654
F21S 8/00	E01F 9/0165	Informative references	E01F 9/617
F21V 33/00	E01F 9/016	References relevant to classification in this group	E01F 9/615
F21V 33/00	E01F 9/053	References relevant to classification in this group	E01F 9/547
G01W	E01F 9/007	Informative references	E01F 9/40

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DATE: FEBRUARY 1, 2016

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<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
G01C 15/02	E01F 9/011	Informative references	E01F 9/60
G08G 1/017	E01F 9/0113	Informative references	E01F 9/696
G08G 1/02	E01F 9/04	Informative references	E01F 9/50
G08G 1/09	E01F 9/04 E01F 9/08 E01F 9/093	Informative references	E01F 9/50 E01F 9/576 E01F 9/594
G08G 1/09	E01F 9/047	Informative references	E01F 9/529
G08G 1/095	E01F 9/016	Informative references	E01F 9/615
G08G 1/123	E01F 9/011	Informative references	E01F 9/60

NOTES:

- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions **inside** the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.