SECTION 6 ULTIMATE LIMIT STATES (ULS)

Page 27
In figure 6.103 in the clause 6.2.3 replace:
“C Tension chord of truss (external tendon)”
with the following:
“C Tension chord of truss (external or internal unbonded tendon).”

Page 29
In the clause 6.3.2(102) replace:
“The maximum bearing capacity of a member loaded in shear and torsion follows from 6.3.2 (4).”
with the following:
“The maximum bearing capacity of a member loaded in shear and torsion follows from 6.3.2 (104).”

Page 30
In the clause 6.3.2(104) replace:
“...where \( \nu \) follows from 6.2.2 (6) of EN 1992-1-1 and \( \alpha_{cw} \) from Expression (6.9)).”
with the following:
“...where \( \nu \) follows from 6.2.2 (6.6N) of EN 1992:1-1 and \( \alpha_{cw} \) from Expression (6.9)).”

Page 33
In the clause 6.8.7(101) replace expression (6.106):
\[
N_i = 10 \exp \left( 14 \left( 1 - \frac{E_{cd,max,i}}{\sqrt{1 - R_i}} \right) \right)
\]
with the following:
\[
N_i = 10 \left( \frac{14 - E_{cd,max,i}}{\sqrt{1 - R_i}} \right)
\]

SECTION 7 SERVICEABILITY LIMIT STATES (SLS)

Page 39
In the clause 7.3.2(105) replace:
“...to cater for shrinkage, \( f_{ct,eff} \) in Expression (7.1) of EN1992-1-1 should be taken as...”
with the following:
“...to cater for shrinkage, \( f_{ct,eff} \) in Expression (7.1) should be taken as...”
Page 39
Delete the paragraph 7.4.2:

“7.4.2 Cases where calculations may be omitted

This clause does not apply.”

ANNEX B (INFORMATIVE)

Page 54
In the clause B.105(103) replace:
“For concrete aged 1 year or more...and by Expressions (B.16) and (B118) of EN 1991-2... ”
with the following:
“For concrete aged 1 year or more...and by Expressions (B.116) and (B118) of EN 1991-2... ”

ANNEX J (INFORMATIVE)

Page 61
In the clause J.104.1(104) replace:
“...The reinforcement provided to avoid edge sliding shall be adequately anchored ”
with the following:
“...The reinforcement provided to avoid edge sliding should be adequately anchored ”

In the clause J.104.2(102) in the fourth dash replace:
“...The prisms associated with different anchorages may overlap (this can occur when the tendons are not
parallel) but should remain inside the concrete.”
with the following:
“...The prisms associated with different anchorages may overlap when the tendons are not parallel, but
should remain inside the concrete.”

ANNEX KK (INFORMATIVE)

Page 63
In the clause KK.2(101) replace:
“...of internal actions, shall be considered, in general, in serviceability conditions.”
with the following:
“...of internal actions, should be considered, in general, in serviceability conditions.”

Page 66
In the clause KK.5(104) replace expression (KK.109):
\[ D(t) = D_{el}(t_0) \]
with the following:

\[ D(t) = D_{\mu}(t) \]

**Page 67**

In the clause **KK.6(102)** replace:

"...which would result from an increase in stress applied...."

with the following:

"...which would result from a variation in stress applied...."

In the clause **KK.6(102)** replace expression (KK.118):

\[
\int_{t_0}^{t} \left[ 1 + \varphi(t, \tau) \right] d\sigma(\tau) = \left[ 1 + \chi(t, t_0) \varphi(t, t_0) \right] \Delta\sigma_{t_0}^{\infty}
\]

with the following:

\[
\int_{t_0}^{t} \left[ \frac{E_c(t_0)}{E_c(\tau)} + \varphi_{28}(t, \tau) \right] d\sigma(\tau) = \left[ \frac{E_c(t_0)}{E_c(t_0)} + \chi(t, t_0) \varphi_{28}(t, \tau) \right] \Delta\sigma_{t_0}^{\infty}
\]

In the clause **KK.7(101)** replace expression (KK.119):

\[
S_{\infty} = S_0 + (S_c - S_0) \frac{\varphi(\infty, t_0) - \varphi(t_c, t_0)}{1 + \chi \varphi(\infty, t_0)}
\]

with the following:

\[
S_{\infty} = S_0 + (S_1 - S_0) \frac{E_c(t_1)}{E_c(t_0)} \left[ \frac{\varphi(\infty, t_0) - \varphi(t_c, t_0)}{1 + \chi \varphi(\infty, t_1)} \right]
\]

In the clause **KK.7(101)** replace:

"\( S_c \) represents the internal forces that are obtained if the structure is constructed on centering."

with the following:

"\( S_1 \) represents the internal forces in the final static scheme."

In the clause **KK.7(101)** replace:

"\( t_0 \) is the concrete age on application of the load."

with the following:

"\( t_0 \) is the concrete age at application of the constant permanent loads."

In the clause **KK.7(101)** replace:

"\( t_c \) is the age of the concrete when the support conditions are changed."

with the following:

"\( t_1 \) is the age of concrete when the restraint conditions are changed."
ANNEX LL (INFORMATIVE)

Page 72
In the clause LL(112) replace:
“...elements, using the design rules of clause 6(109) and Annex F.”
with the following:
“...elements, using the design rules of clause 6.109 and Annex F.”

In the clause LL(113) replace:
“...assuming the thickness of the outer layers to be twice the concrete cover, therefore:"
with the following:
“...assuming the thickness of the outer layers to be twice the edge distance to the gravity centre of
reinforcement, therefore:"

ANNEX OO (INFORMATIVE)

Page 89
In the clause OO.2(105) replace:
“In addition to the reinforcement obtained on the basis of the resistance mechanisms identified above, it will
be necessary to have the load reinforcement concentrated on the area located on the supports. "
with the following:
“In addition to the reinforcement obtained on the basis of the above resistant mechanism, splitting
reinforcement should be provided, if necessary, with regard to concentrated support forces."

ANNEX PP (INFORMATIVE)

Page 92
In the clause PP.1(101) replace:
“...reverse application of inequalities (5.102a) and (5.102b) is shown diagrammatically in Figures..." 
with the following:
“...reverse application of inequalities (5.102 aN) and (5.102 bN) is shown diagrammatically in Figures..." 

Page 93
In the clause PP.1(102) replace:
“...the application of inequalities (5.102a) and (5.102b) is illustrated in Figures..." 
with the following:
“...the application of inequalities (5.102 aN) and (5.102 bN) is illustrated in Figures..."