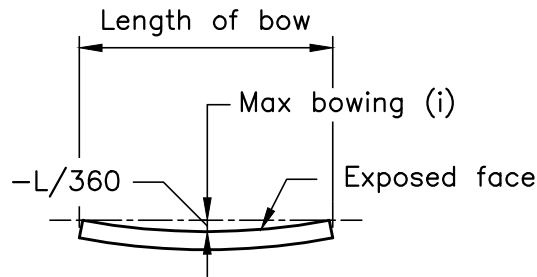
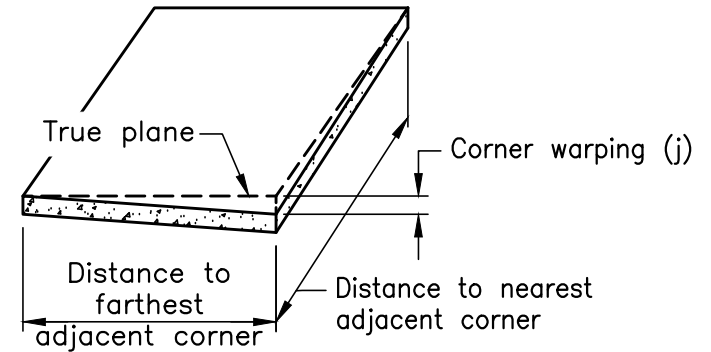


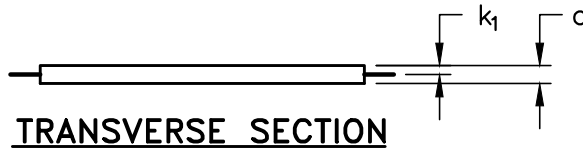
CONVEX BOWING



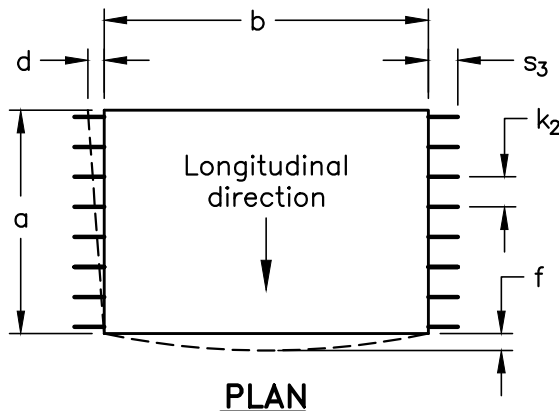
CONCAVE BOWING



CORNER WARPING



TRANSVERSE SECTION



PLAN

TABLE 1 – FABRICATION TOLERANCE

a	Width (panel dimension parallel to long direction of the bridge)	±5mm
b	Length (panel dimension parallel to transverse direction of the bridge)	±5mm
c	Nominal depth	±5mm
d	Variation from specified plan end squareness or skew	±6mm
f	Sweep	±3mm
k ₁	Location of strand perpendicular to plane of panel	±3mm
k ₂	Location of strand parallel to plane of panel	±6mm
s ₃	Strand projection from end	±13mm
i	Maximum bowing	±length/360
j	Corner warping (measured per 300mm of distance from nearest adjacent corner)	±1.5mm per 300mm
	Local smoothness (deviation of straightness from all element edges)	±5mm in 3m

NOTES:

1. Length is a straight-line measurement taken horizontally at the mid-height of element in the longitudinal direction.
2. Width is a straight-line measurement taken horizontally at the mid-height of element in the transverse direction.
3. Nominal depth is a straight-line measurement taken vertically at the mid-length of element.
4. Horizontal alignment is deviation of straightness from all element edges.
5. Not all elements may contain the described features.
6. For dimensional tolerances not specified, the maximum allowable dimensional variation shall be 1:800 or ±5mm, whichever is greater.

MINISTRY OF TRANSPORTATION ONTARIO DRAWING

March 2023

Rev 0

FABRICATION TOLERANCES FOR PARTIAL DEPTH
PRECAST DECK PANELS

DRAFT

MTOD – 3960.100