



CORNER WARPING

TABLE 1 FABRICATION TOLERANCE

a	Width (panel dimension parallel to long direction of the bridge)	±5mm
ь	Length (panel dimension parallel to transverse direction of the bridge)	±5mm
С	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 ₂	Stirrup projection from surface	±10mm
S ₃	Strand projection from end	±10mm
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
	Location of inserts for structural connections	±13mm

NOTES:

- Length is a straight-line measurement taken horizontally at the mid-height of element in the longitudinal direction.
- 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. Horizontal alignment is deviation of

PLAN

- straightness from all element edges. Not all elements may contain the
- described features. For dimensional tolerances not specified, the maximum allowable dimensional variation shall be 1:800 or ±5mm, whichever is areater.

MINISTRY OF TRANSPORTATION ONTARIO DRAWING

FABRICATION TOLERANCES FOR PARTIAL DEPTH PRECAST DECK PANELS

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