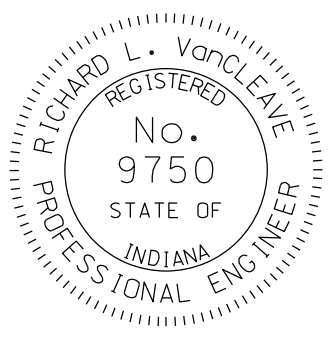


GENERAL NOTES :

These notes are for fabrication tolerances for precast prestressed concrete members as shown on Standard Drawing No. E 707-BPBF-01 for box beams and on Standard Drawing No. E 707-BPBF-02 for I-beams.

1. Tolerances shown are maximum permissible variations from the dimensions shown on the plans or shop drawings. Tolerances are not to be considered cumulative. Longitudinal tolerances are based on design length. Casting length shall be adjusted to compensate for shrinkage and plastic flow.
- ⑤ Variation of camber shall not be more than 1" on one span nor more than 1/2" between adjacent members to be measured at time of erection.

Permitted camber variation from design camber is as follows:
I-beams and girders, bulb-tee girders: $\pm 1/8"$ per 10'-0" length with $\pm 1/2"$ maximum for member length of 80'-0" or less
 $\pm 1"$ maximum for member length of greater than 80'-0"
Box beams: $\pm 1/8"$ per 10'-0" length with $\pm 1/2"$ maximum
- ⑦ Length of beam tolerance shall be checked after the final curing phase and within three days prior to shipping.
- ⑧ Horizontal alignment tolerance shall be checked immediately after removal of forms and strand release and prior to removal from bed.
9. End stirrup bars shall not be more than 2" from the end of the beam.
- ⑩ At concrete bearing area, deviation from plane surface when tested in all directions of the plane surface with a steel straightedge shall not be more than $\pm 1/16$.
11. Mild reinforcing steel concrete cover tolerance shall be $-1/8"$ to $+3/8"$.

INDIANA DEPARTMENT OF TRANSPORTATION	
FABRICATION TOLERANCES GENERAL NOTES SEPTEMBER 2009	
STANDARD DRAWING NO. E 707-BPBF-03	
	<u>/s/ Richard L. VanCleave</u> 09/01/09 DESIGN STANDARDS ENGINEER DATE
	<u>/s/ Mark A. Miller</u> 09/01/09 CHIEF HIGHWAY ENGINEER DATE
DESIGN STANDARDS ENGINEER	