GENERAL NOTES:

These notes are for fabrication tolerances for prestressed concrete members as shown on Standard Drawing No. 707-BPBF-01 for box beams and on Standard Drawing No. 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 25 in one span nor more than 13 between adjacent beams to be measured at time of erection. Camber deviation from design camber shall not be more than ±0.06% of the span. When camber is 50 in or greater or ±1.3 in, if plan camber is less than 25.

7. Length of beam tolerances shall be checked after the final curing phase and within three days prior to shipping.

8. Horizontal alignment tolerances shall be checked immediately after removal of forms and abroad release and prior to removal from bed.

9. End slab up course shall not be more than ±60 from the end of the beams.

10. At concrete bearing areas, deviation from plane surfaces when tested in all directions of the plane surface with a steel straightedge shall not be more than ±0.2 in.

11. Mitred reinforcing steel concrete cover tolerances shall be ±3 to ±10.

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION
FABRICATION TOLERANCES
GENERAL NOTES
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STANDARD DRAWING NO. 707-BPBF-03

[Signatures and dates]