**GENERAL NOTES:**

These notes are for fabrication tolerances for prestressed concrete members as shown on Standard Drawing No. E 707-BPBF-03 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.

2. 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 beams to be measured at time of erection. Camber deviation from design camber shall not be more than ±0.04% if plan camber is 2" or greater or ±0.03% if plan camber is less than 2".

6. Length of beams tolerance shall be checked after the final curing phase and within three days prior to shipping.

7. Horizontal alignment tolerances shall be checked immediately after removal of forms and any rafters and prior to removal of hairpin.

8. End trim up beam shall not be more than 2" from the end of the beam.

9. 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 ±1/16.

11. All reinforcing steel partially cover tolerance shall be ±1/8" to ±1/8".