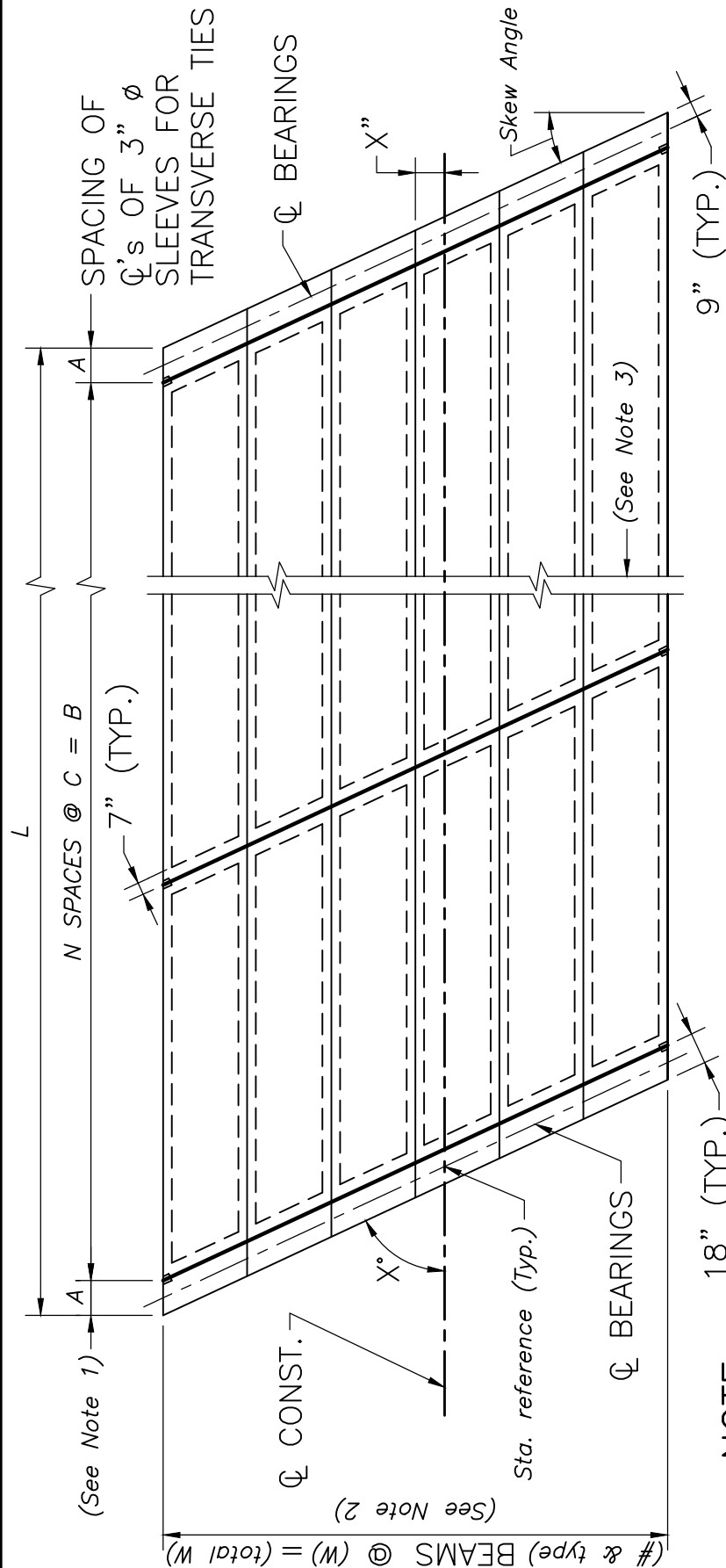


FRAMING PLAN

PRECAST CONCRETE BOX BEAMS

DATE OF ISSUE
JUNE 2013

DRAWING NUMBER
4.2.1



NOTE:

SEE STANDARD SPECIFICATIONS FOR BEAM ERECTION AND LAYOUT.

FRAMING PLAN

SCALE: $\left(\frac{1}{8}'' = 1'-0'' \text{ Min}\right)$

NOTES:

1. $A = 18''/\cos(\text{Skew Angle})$
 $L = \text{Span Length} + A$
 $B = L - 2A$
2. $C = B/N$, where $N = \text{number of internal voids}$. (See Dwg. No. 4.2.13 for the required number of transverse ties.)
Specify beam type (e.g. B36-24). Use only nominal beam widths when specifying beam width (W) and calculating total width (total W).
3. Framing plan shall be drawn full length without breaks and to scale on the Construction Drawings. Show all internal voids and transverse ties and include North Arrow.
4. For those bridges with East and West abutments, the beams shall be numbered consecutively starting from the Southern most beam to the Northern most and the spans shall be numbered consecutively from the West abutment to the East abutment. For those bridges with North and South abutments, the beams shall be numbered consecutively starting from the Western most beam to the Eastern most and the spans shall be numbered consecutively from the South abutment to the North abutment.