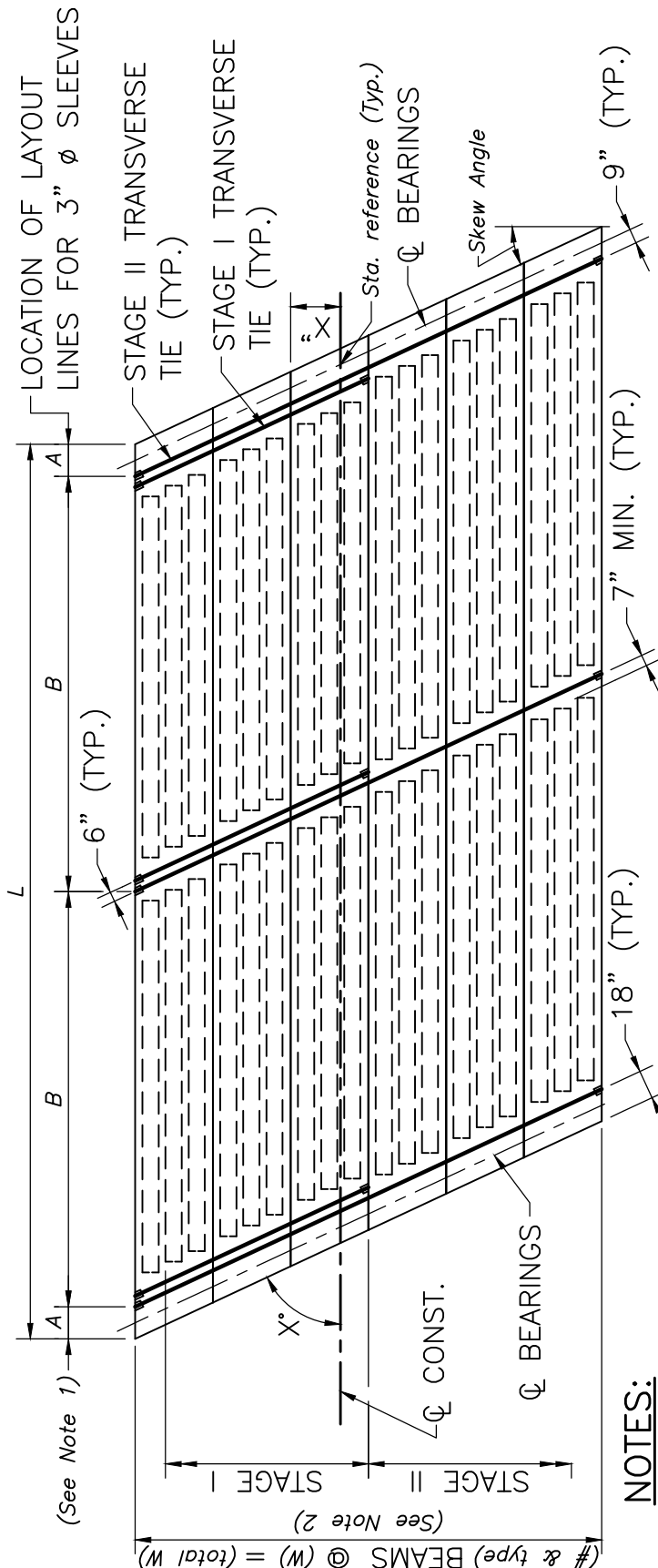


FRAMING PLAN STAGE CONSTRUCTION PRECAST CONCRETE DECK BEAM

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NOTES:

1. SEE STANDARD SPECIFICATIONS FOR BEAMS ERECTION AND LAYOUT.
2. STAGE I: AFTER ERECTING STAGE I BEAMS, INSTALL AND TENSION TRANSVERSE TIES IN STAGE I SLEEVES.
3. STAGE II: AFTER ERECTING STAGE II BEAMS, INSTALL AND TENSION TRANSVERSE TIES IN STAGE II SLEEVES FULL WIDTH OF BRIDGE.

FRAMING PLAN

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

NOTES:

1. $A = 18" / \cos(\text{Skew Angle})$
 $L = \text{Span Length} + A$
 $B = (L/2) - A$
2. Specify beam type (e.g. S48-21). 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. If torsional load in the fascia beams (due to sidewalk overhang or utilities) is excessive, consideration shall be given to increasing the number of lateral strands and/or post-tensioning, and adjusting transverse tie locations as necessary.
5. 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.