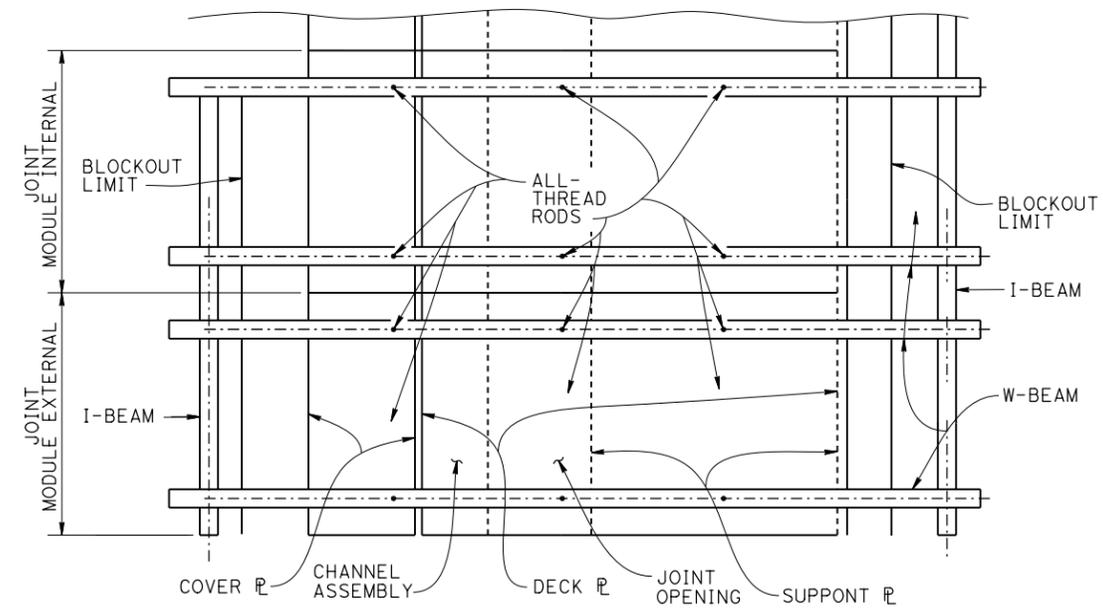


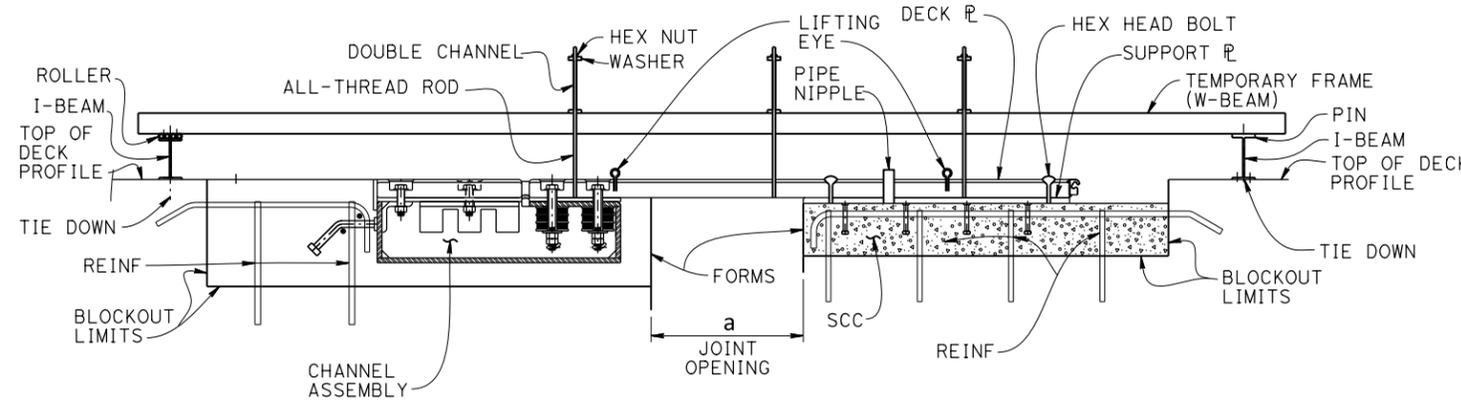
INSTALLATION DETAIL
1" = 1'-0"

* TO SET MINIMUM JOINT OPENING "W"

$$"W" = \begin{cases} \frac{1}{2} + [(Max\ Str\ temperature\ in\ ^\circ F) - (actual\ Str\ temperature\ in\ ^\circ F)] * (a_c\ or\ a_s) (12) (contributory\ L\ in\ feet) \\ \frac{1}{2} \text{ Minimum} \\ a_c = 0.000060 \text{ (Concrete)} \\ a_s = 0.000065 \text{ (Steel)} \end{cases}$$



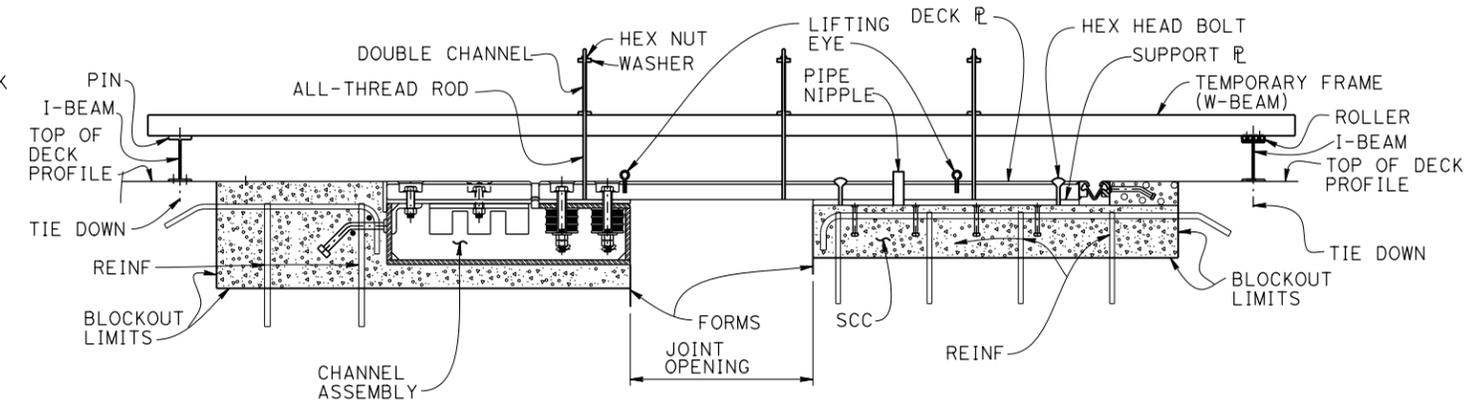
PARTIAL PLAN
NO SCALE



PHASE 1 (ELEVATION)
NO SCALE

CONSTRUCTION SEQUENCE:

1. Clean joint blockout, place forms and reinforcement.
2. Set joint modules into place so the face of the joint opening (sliding side) is aligned with the support plate. Support joint modules temporarily on timber to correct position $\pm 1/2$ " below final elevation. Each joint module consists of the channel assembly, and the deck and support plates clamped together at the shop with joint opening equal to a_{70} and shipped to the site.
3. Install temporary steel frame, with roller on channel assembly side and pin on support plate side.
4. Set all-thread rods to support and adjust joint modules.
5. Align and secure all joint modules together to correct position, remove temporary timber supports.
6. Pour SCC below support plates. Let SCC develop a minimum 1500 psi strength before proceeding to the next step.



PHASE 2 (ELEVATION)
NO SCALE

CONSTRUCTION SEQUENCE:

1. Change the pin support of the temporary frame to roller. Release deck plate from support plate. Slide deck plate and channel assembly together so the face of the joint opening (channel assembly side) is aligned with the channel assembly. Change the roller support of the temporary frame to pin (channel assembly side). Secure all joint modules together to final position.
2. Pour SCC around the channel assembly. Let SCC develop a minimum 1500 psi strength before proceeding to the next step.
3. Release joint and remove temporary steel frame.
4. Remove pipes, bolts, forms and clean surfaces.
5. Place SSJSA to the correct minimum joint opening "W". Place polyester concrete between the SSJSA and the bridge deck.
6. If pipe nipples used, plug pipe nipple holes with threaded steel plugs; fill deck holes and joint with silicone joint seal.