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 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 RMREJ. First connect one end of the RMREJ to the deck then make the necessary adjustments to connect the other end to the support plate. Place polyester concrete between the RMREJ 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.

NOTES:
1. Not all reinforcement and joint details are shown for clarity.
2. Pipe nipples are optional. Exact locations of deck and support plates must be determined prior to seismic joint fabrication.
3. After joint installation fill all deck plate holes with silicon joint seal and pipe nipple holes. Use us with threaded steel plugs.
4. Place deck plate, support plate, and channel assembly as shown. Full bearing is contained between the deck, support plates and I-beam deck plate and channel assembly.
5. a is the joint opening at installation and b is the joint opening at 70° F.