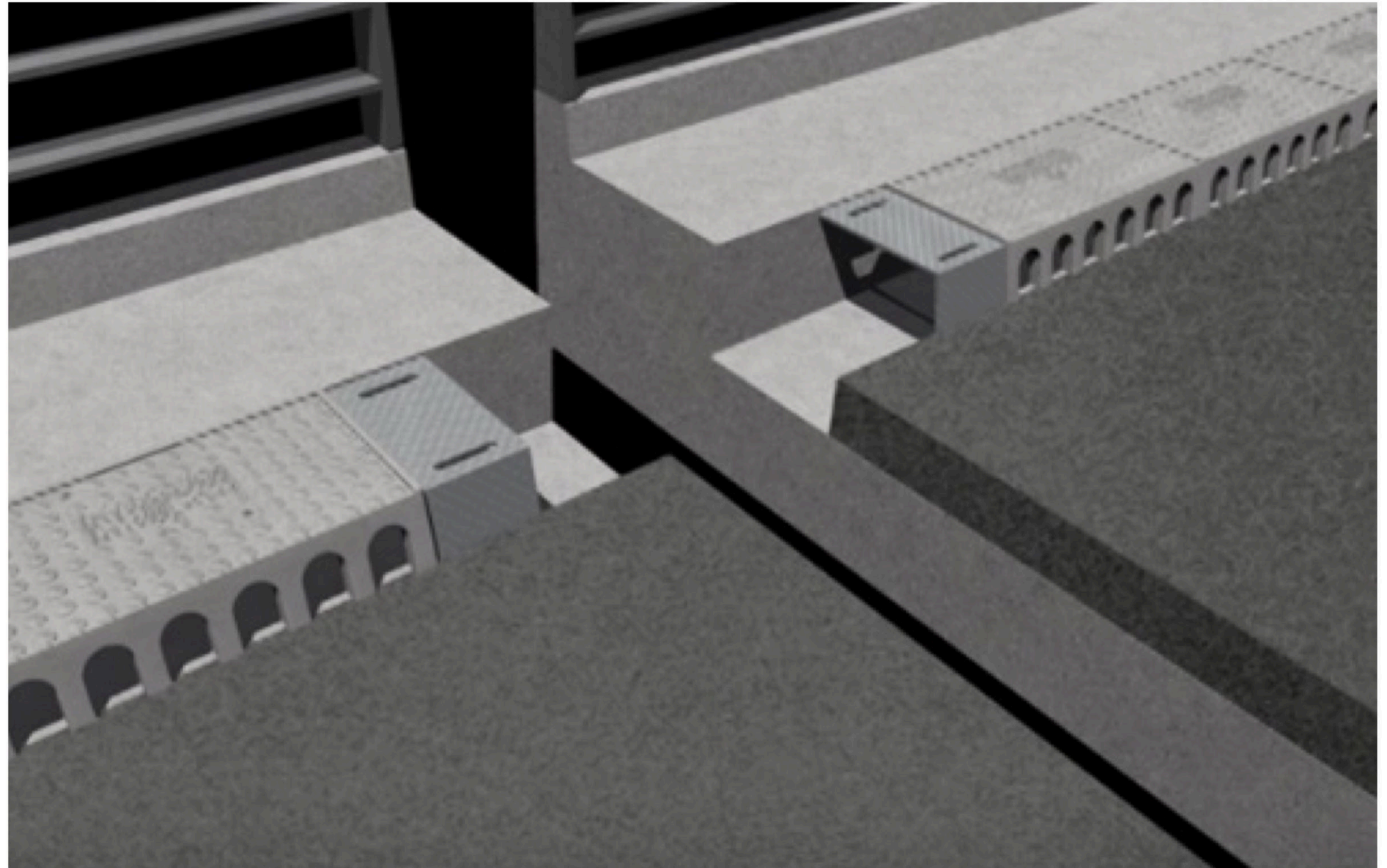


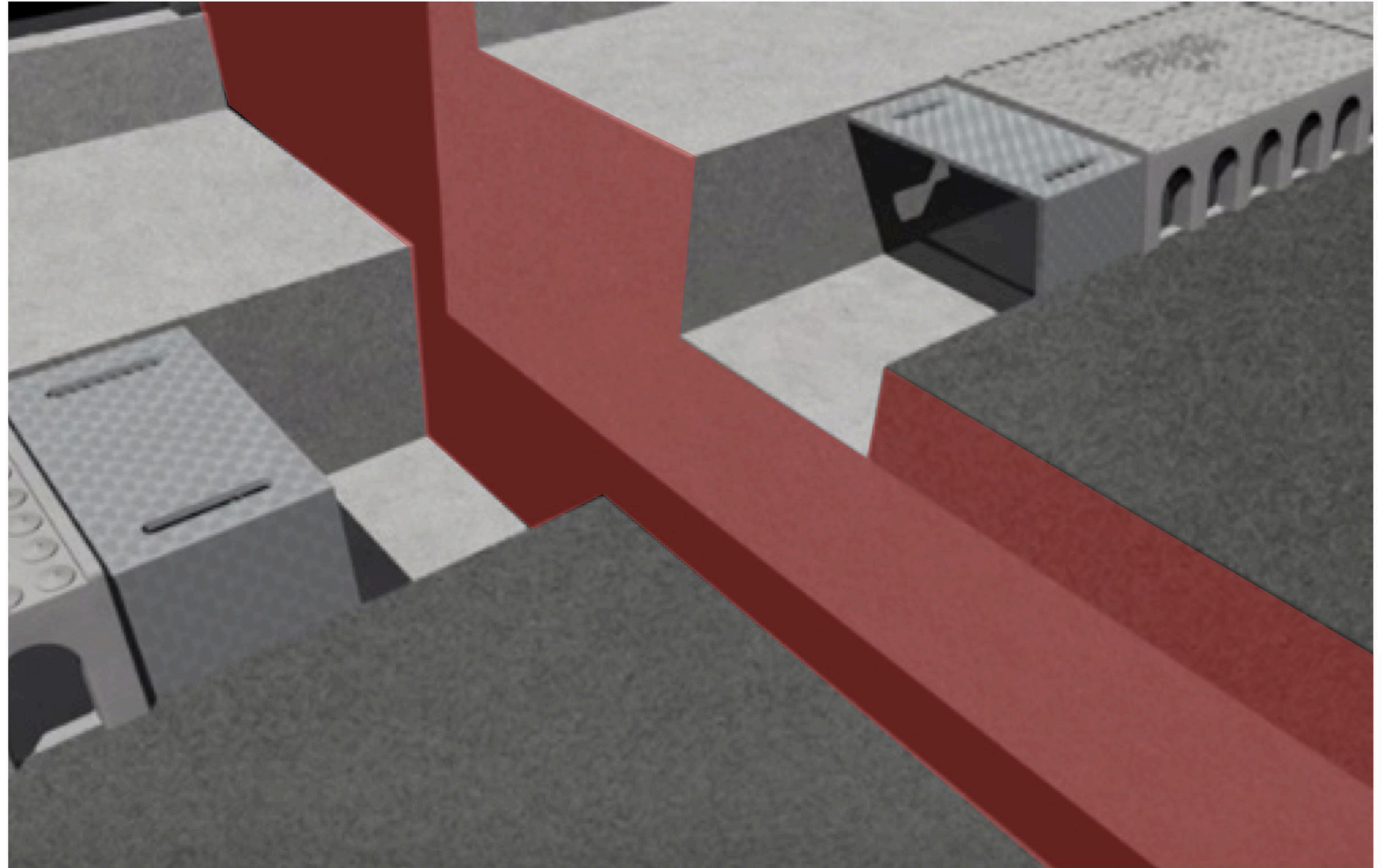
Expansion Joints

The asphalt road surface should be laid to the base of the unit windows or the required curb height bridge.



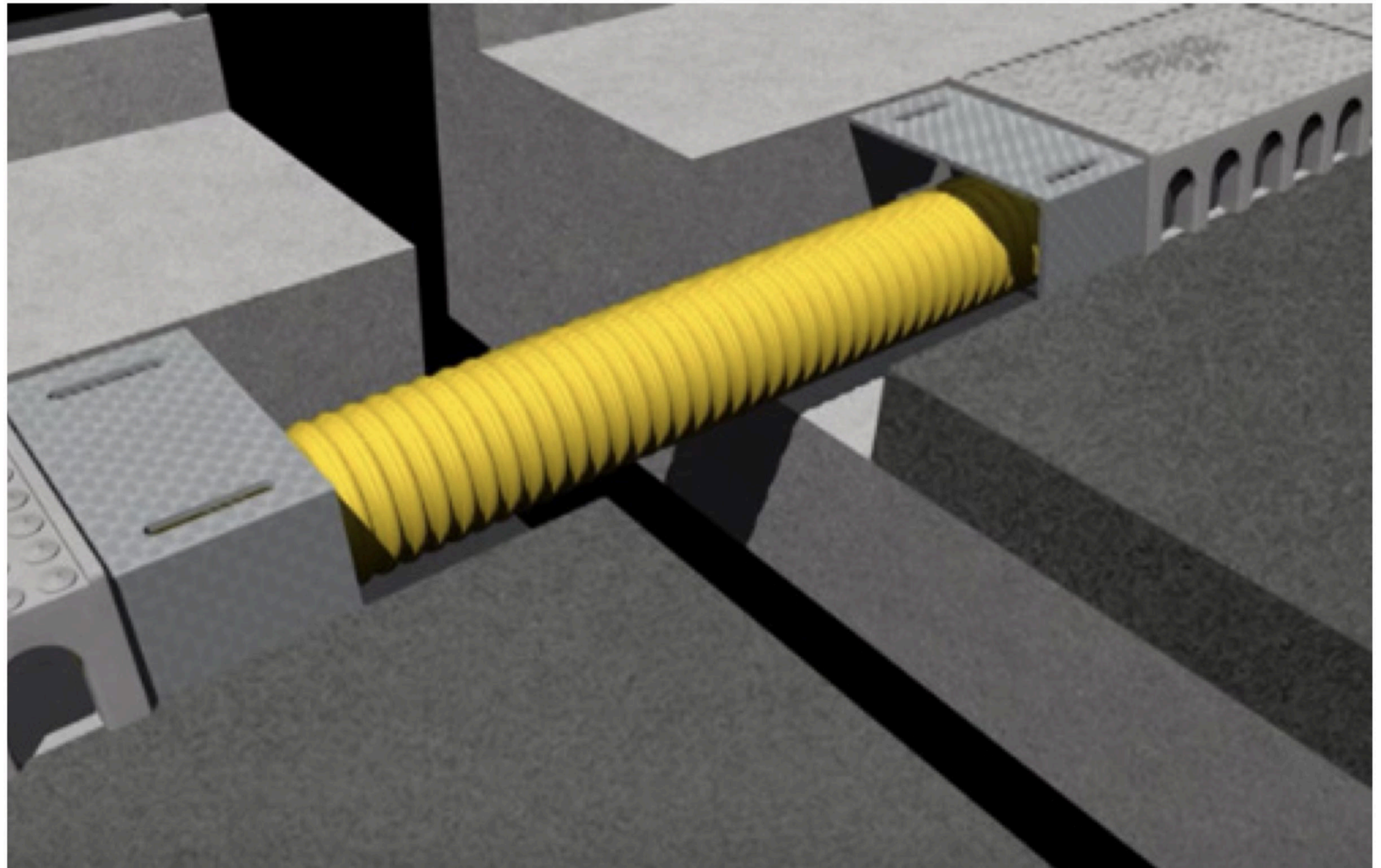
Expansion Joints

Bridge expansion joints are manufactured by numerous companies, we are happy to discuss the specific requirements for your scheme and the chosen joint.



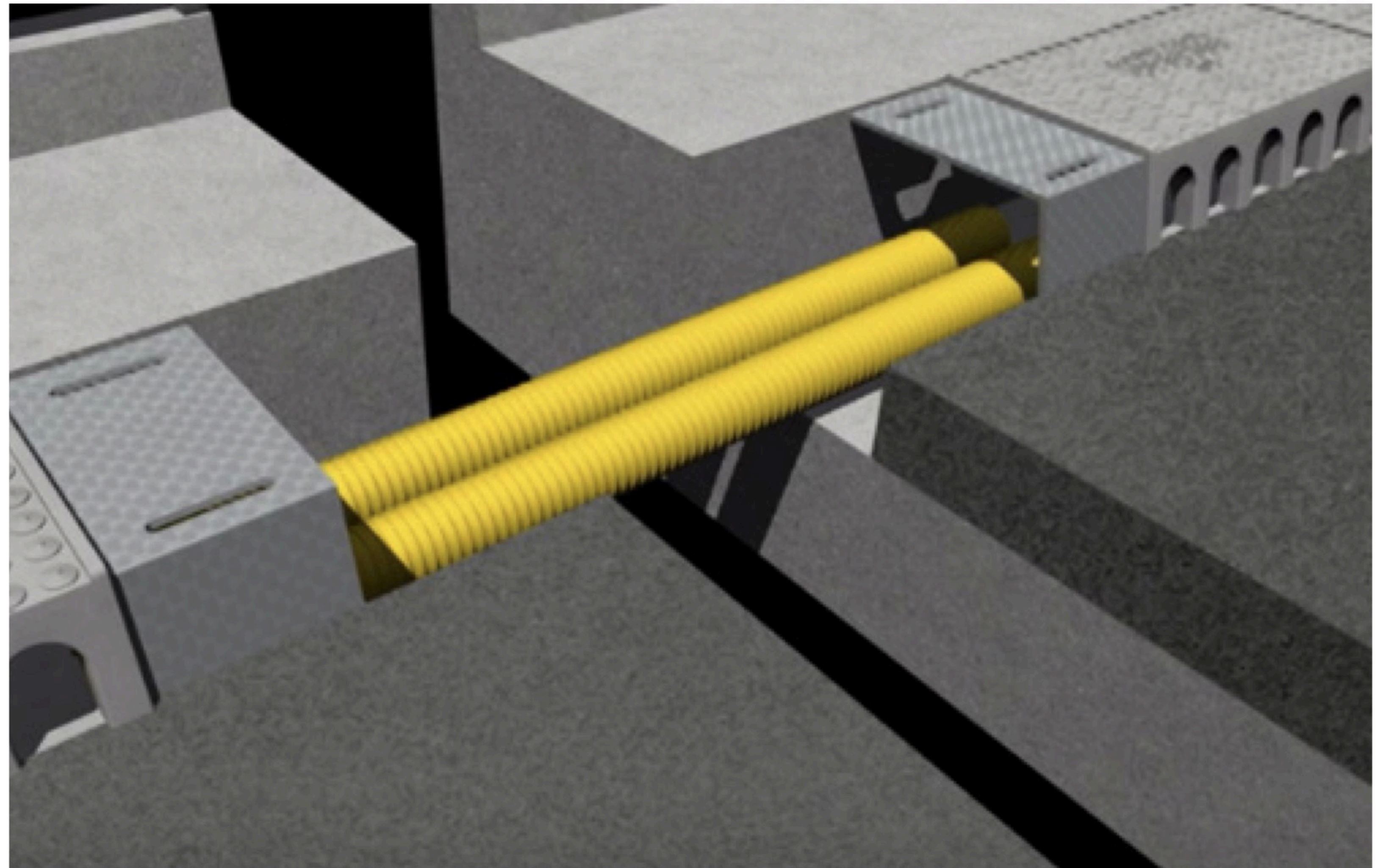
Expansion Joints Installation

The flow of water must be carried across the joint. This is normally achieved with a flexible pipe that runs through the joint to connect the Envirodeck units on either side.



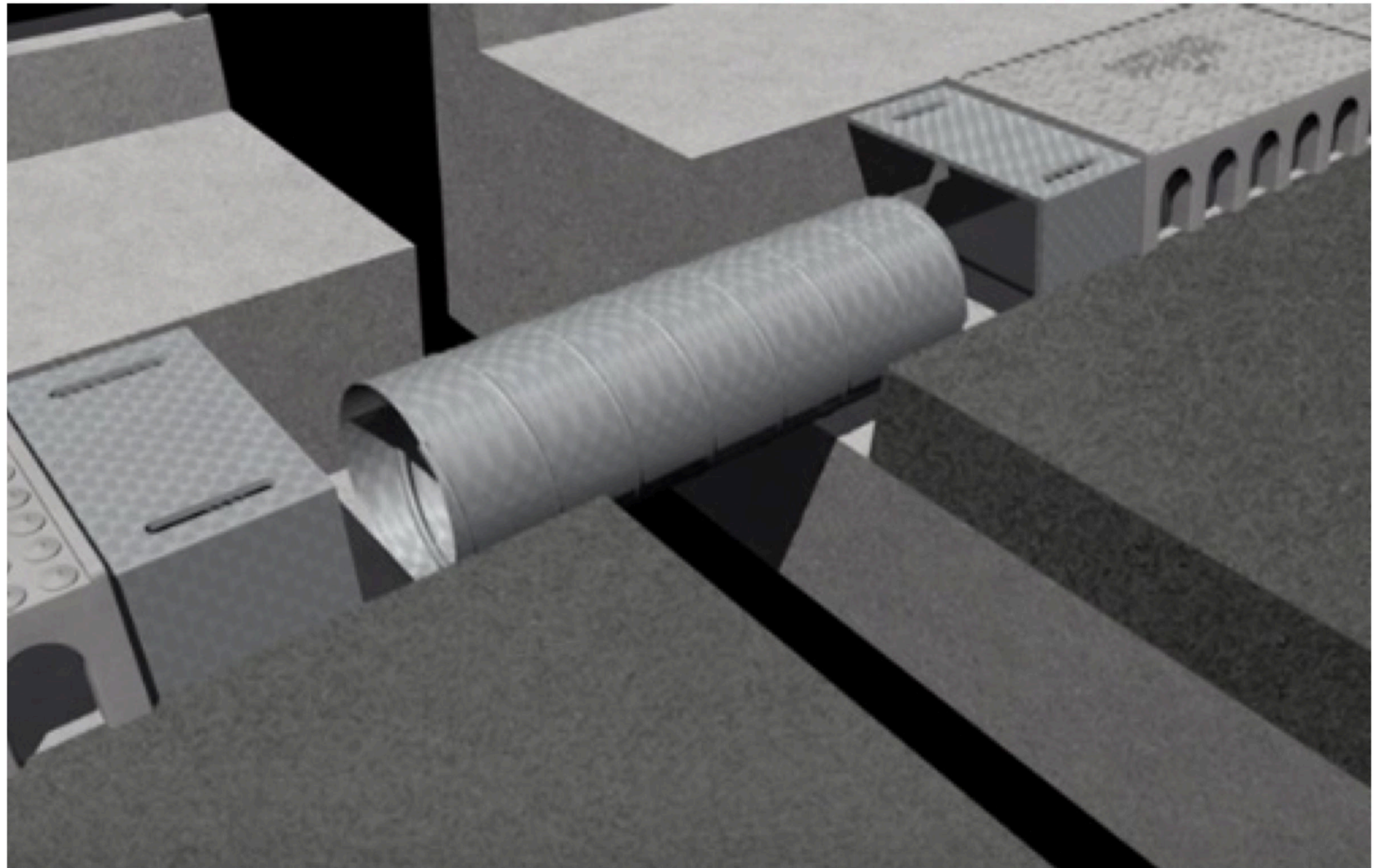
Expansion Joints Installation

For bridges with high hydraulic capacity a second pipe may be required. The pipe should not be installed where a hot poured expansion joint nosing is to be used as this will damage the pipe.



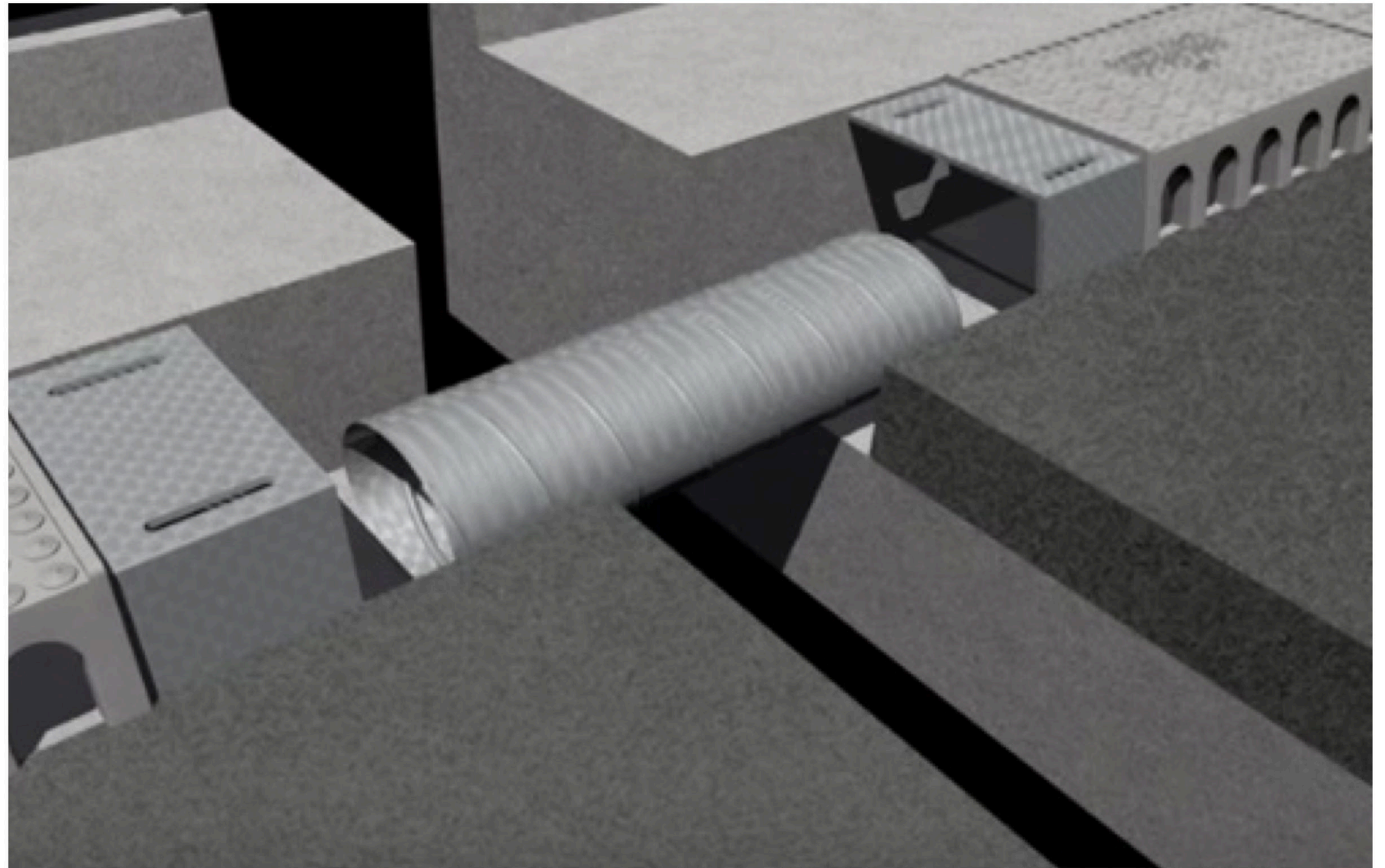
Expansion Joints Installation

We supply a metal housing that should be put in place during the casting of the joint layer.



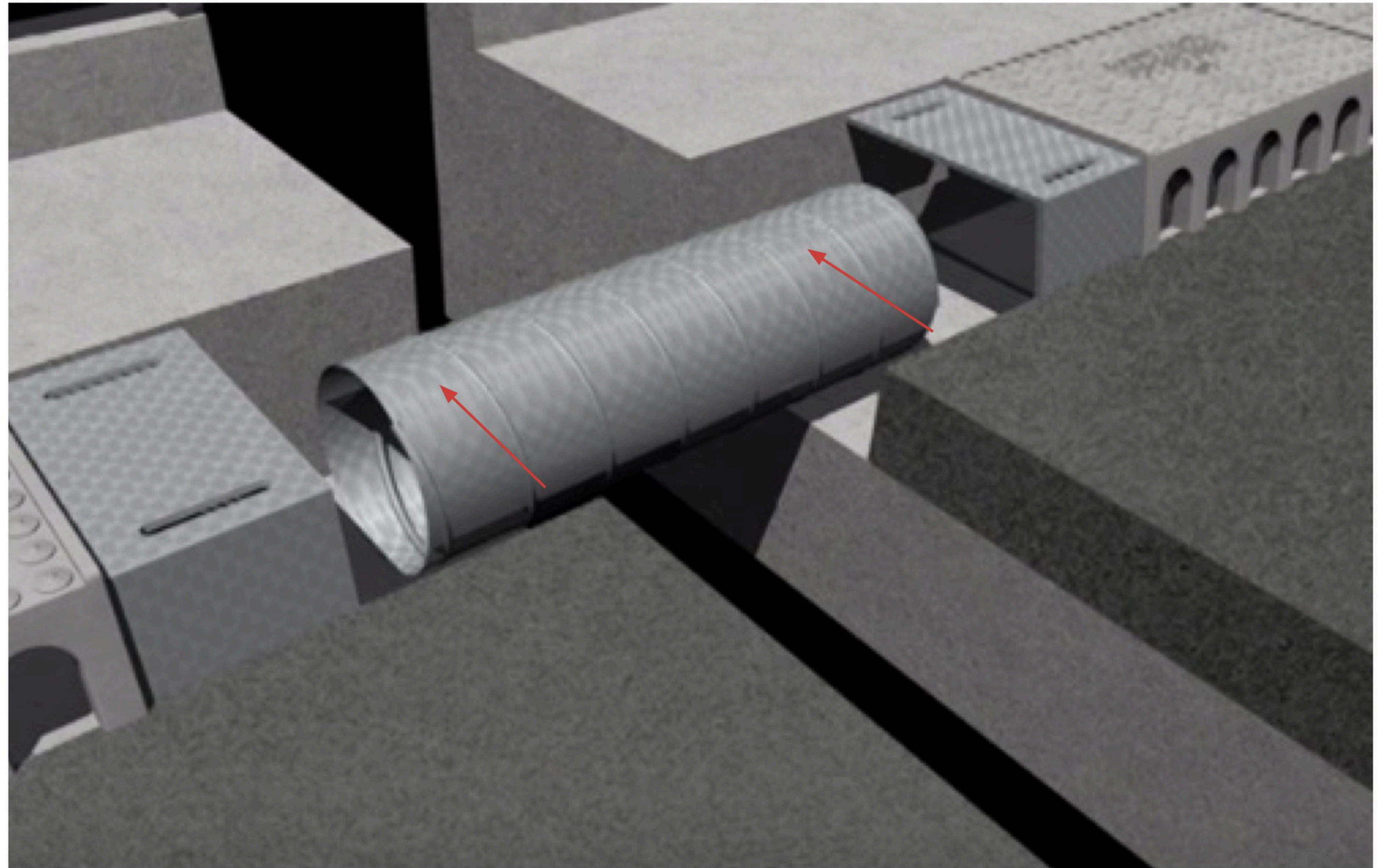
Expansion Joints Installation

In some cases the depth of the nosing on the expansion joint may be too deep to accommodate the carrier pipe. It may therefore be necessary to slightly flatten the tube.



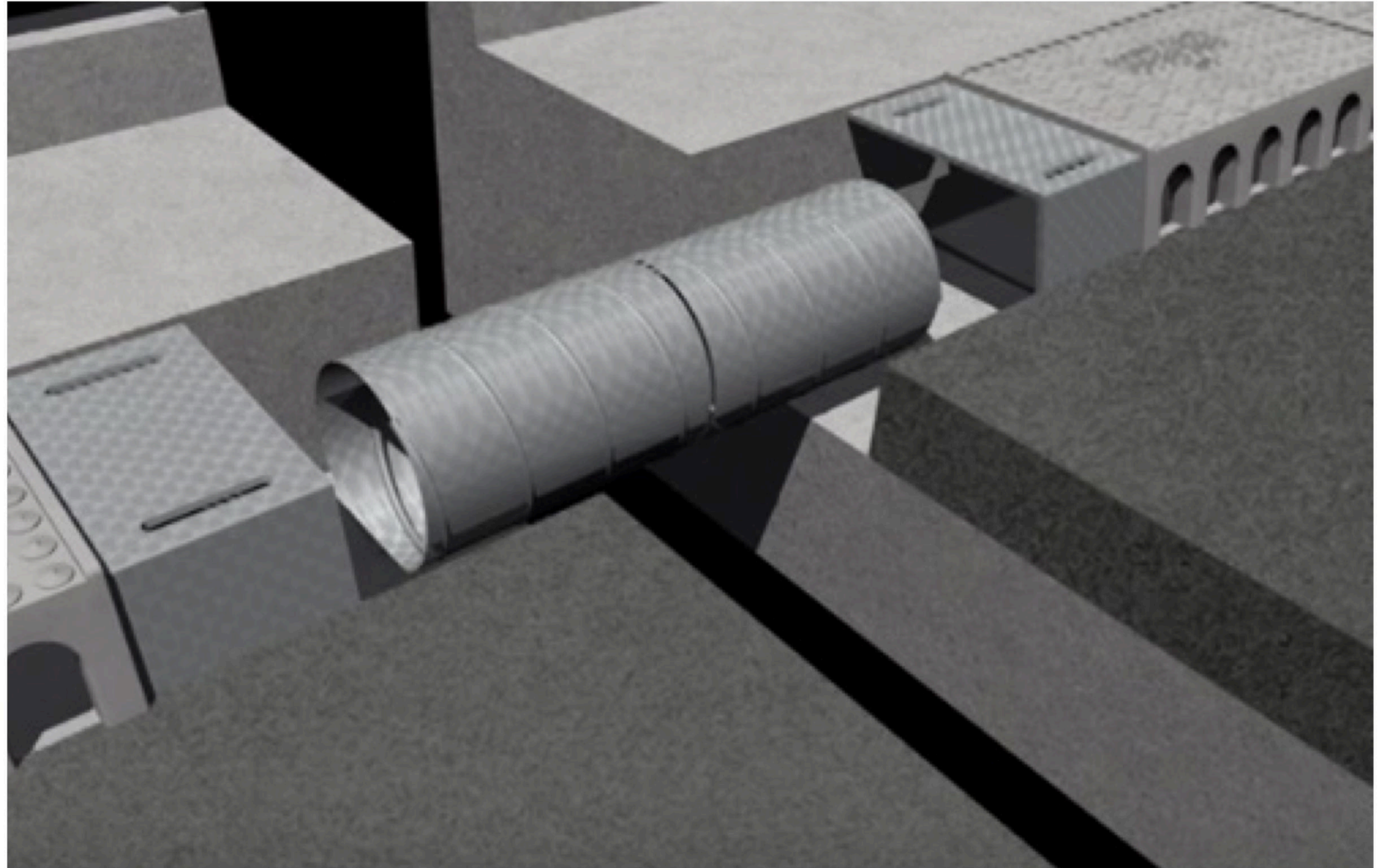
Expansion Joints Installation

In some cases the angle of the expansion joint rails may clash with the carrier tube. This can be avoided by pushing the tube back from the curved edge. These options will not have any impact on the effectiveness of the Bridge Drainage system.



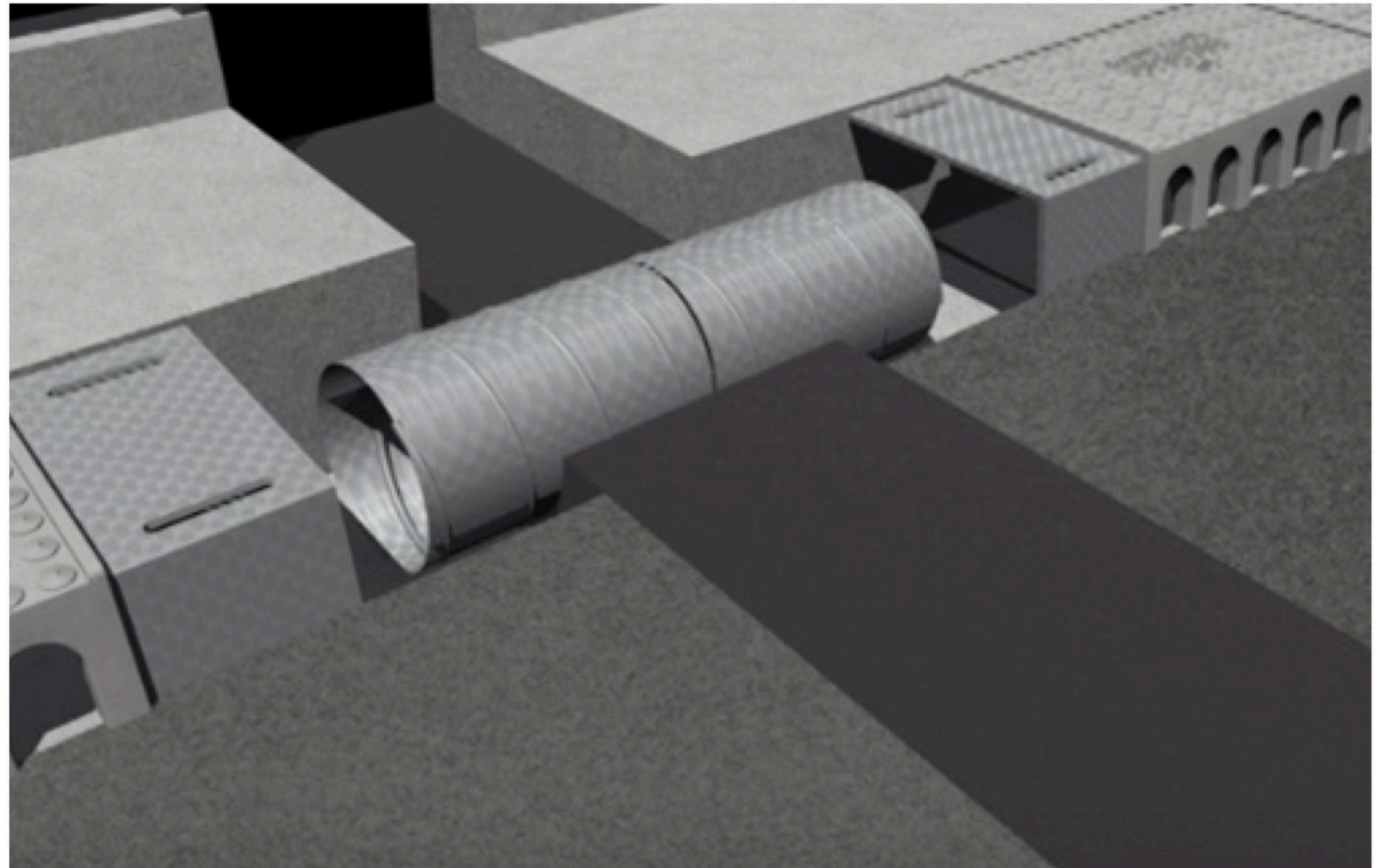
Expansion Joints Installation

Cutting the protector sleeve in the middle will allow it to expand with the bridge.



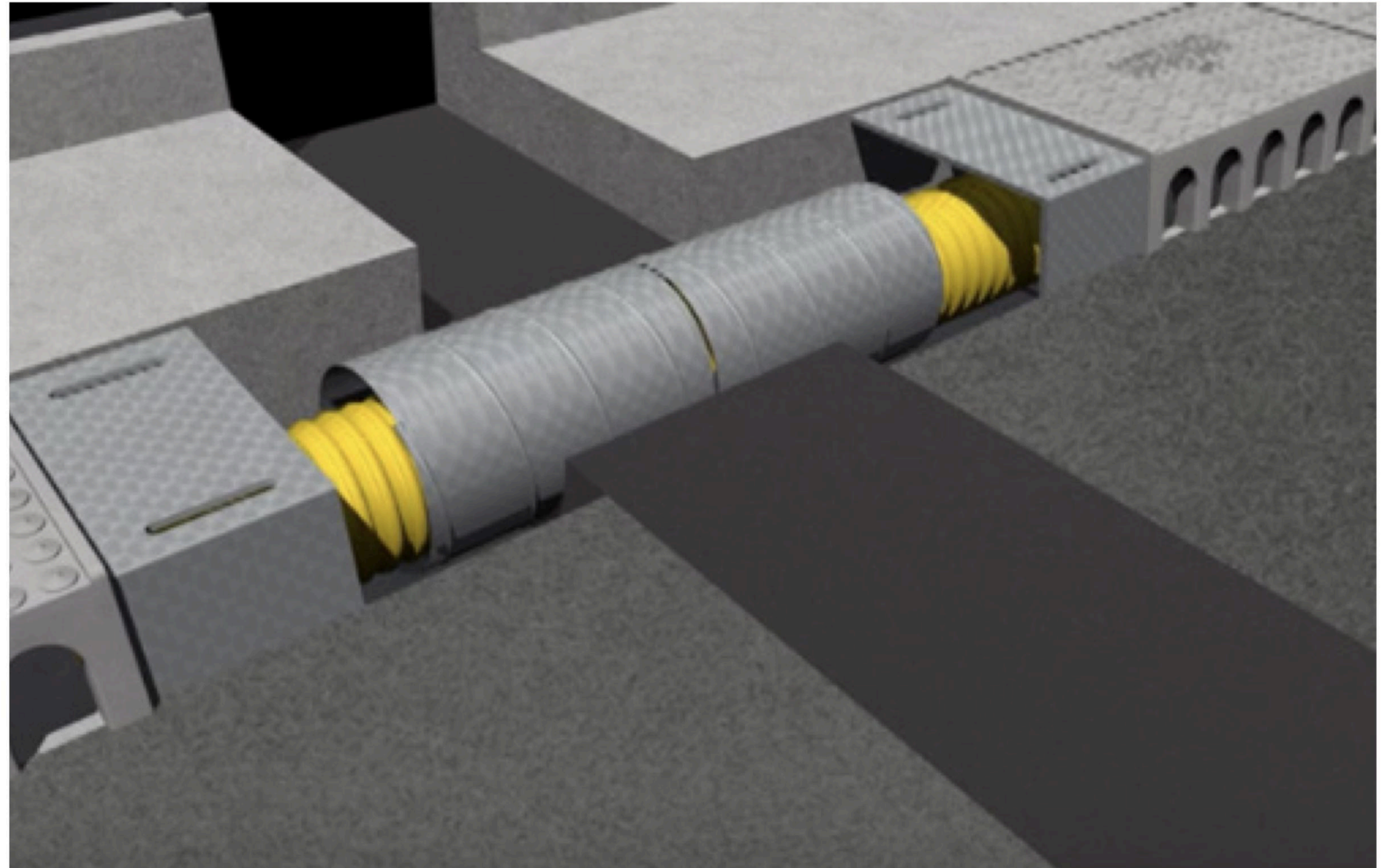
Expansion Joints Installation

Once the joint has been cast.



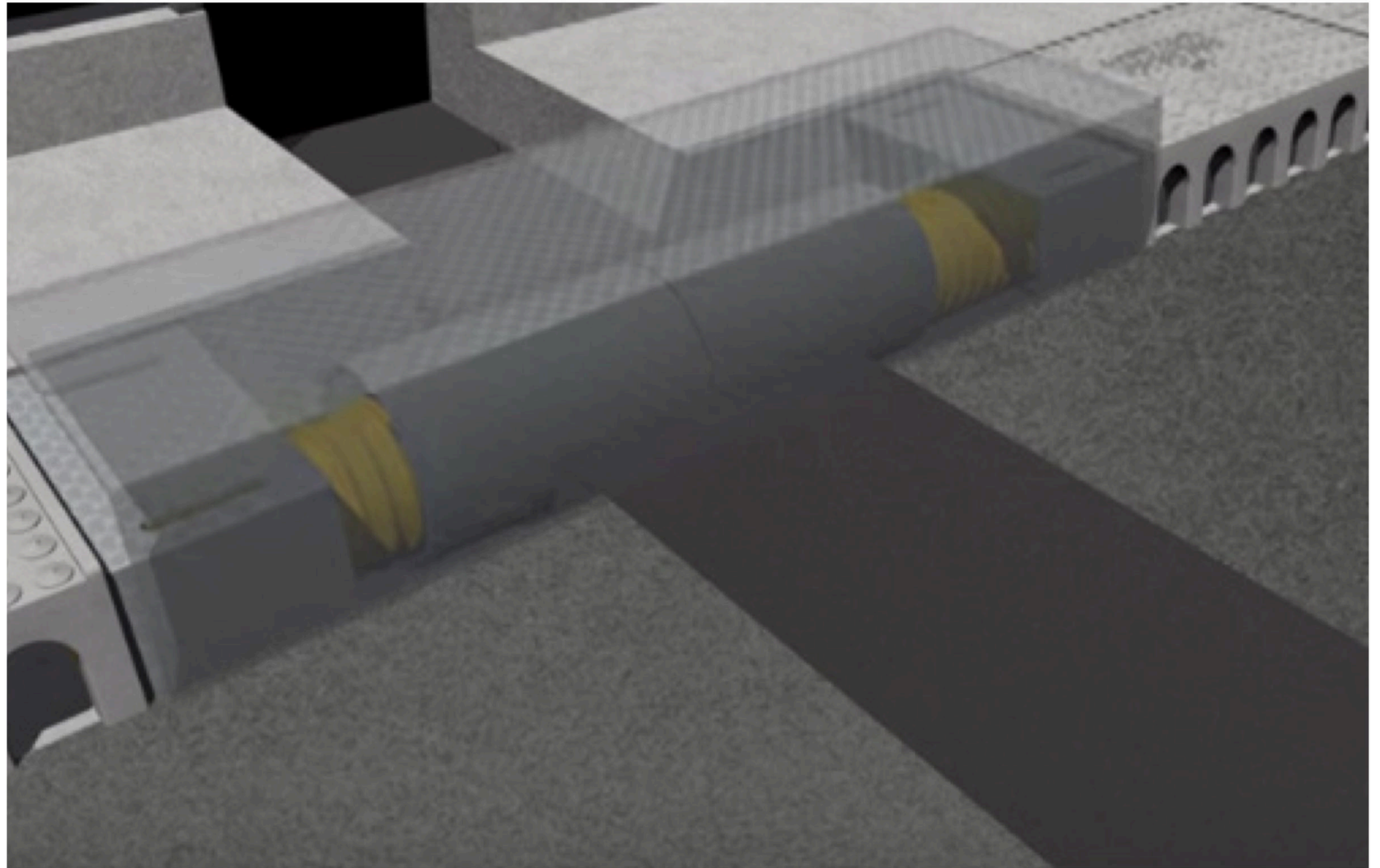
Expansion Joints Installation

The flexible pipe can then be fed through the housing to connect the two units.



Expansion Joints Installation

Finally the Expansion joint system should be covered with the supplied metal plate.



Expansion Joint Installation

This plate can be cut around the joint on-site.

