



The right connections
are everything.

Our junctions accommodate all sizes, shapes and materials.



Precast Junction Boxes

Precast junction boxes are used to provide access and to achieve changes in pipe size, type or direction. They also facilitate changes in elevation, or the transitioning of two or more upstream pipes into a single larger downstream pipe. Junction boxes accommodate all pipe sizes, shapes and materials.

Hanson Pipe & Precast is a leader in concrete pipe and precast concrete products. Our national network of facilities means that we can deliver materials when and where you need them.

Sizes

Precast junction boxes are available in a broad range of sizes for a wide range of applications. Junction structures can be designed and produced for any depth and loading condition required. Contact your local Hanson sales office for sizes and availability.

Precast junction boxes can be provided with the following features:

- protective linings and coatings if required
- flexible pipe-to-structure connectors if required
- cored or block-out openings to the required diameter and elevation
- a wide variety of access openings

Joints

The following horizontal joints are normally available for precast junction boxes:

- tongue and groove with preformed mastic or plastic gaskets
- butt joints with mastic or preformed plastic gaskets

Applicable Specifications

The following specifications apply to precast junction boxes:

- ASTM C858 – underground precast concrete utility structures
- ASTM C913 – standard specification for precast concrete water and wastewater structures
- DOT, municipal, utility or agency specifications
- ASTM C990 – preformed flexible joint sealants

