



A line of  
arches that spans  
your needs.

Installation of HansonArch™ segments is simple and efficient.



## HansonArch™

The HansonArch™ is a fully engineered, site-specific structure. The arch-box shape provides an attractive, economical, rugged structure with exceptional load-carrying capacity. HansonArch™ bridges and culverts can be designed with natural or paved channel inverts, making them ideal for all situations. Ends can be plain, or finished with precast or cast-in-place head and wing walls.

**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

HansonArch™ sections are furnished in spans of 12 ft through 48 ft. Rises are available up to 12 ft, but may be increased by placing the precast sections atop cast-in-place stem walls.

### Applications

HansonArch™ sections can be used for the following:

- highway bridges
- culverts
- storm drains
- pedestrian, vehicular and livestock undercrossings
- aboveground or buried dry-storage vaults
- underground stormwater retention structures
- mine or tunnel entrance portals

### Joints

Adjacent sections are butted and covered with an adhesive, fabric-reinforced mastic wrapper.

### Connections

Connections can be provided for wing walls, head walls, parapets, guard rails and other required appurtenances.

### Applicable Specifications

The following specifications apply to precast bridge units:

- ASTM
- AASHTO
- ACI
- state DOTs