



ENGINEERED BRIDGE SYSTEMS



SPLIT BOX CULVERTS

BOX CULVERTS

OMEGA™ CULVERTS

3-SIDED BRIDGES

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SPLIT BOX CULVERTS

Simple solutions for enclosing water, power and telecommunications, Oldcastle developed its split box culvert for flexibility in use, ease of installation and long-term dependability. Our innovative team solves the most interesting engineering challenges to deliver you consistent quality.



BOX CULVERTS

From animal crossings to chimneys to road crossings, Oldcastle's precast concrete box culvert solution can be combined to fulfill almost any application you can imagine this product would apply to.



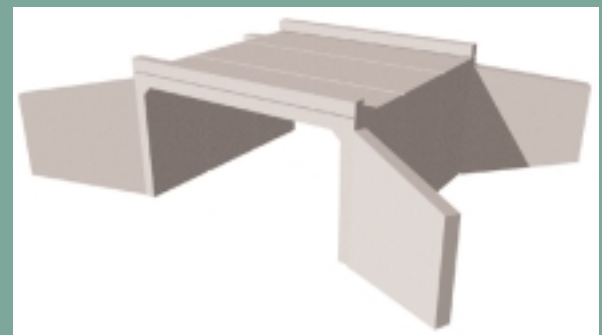
OMEGA™ CULVERTS

The environmentally sensitive choice, Oldcastle's Omega offers a simple one piece installation including a monolithically-poured footing. Our low-maintenance precast design saves time and money while offering the ultimate solution for smaller span bridge applications

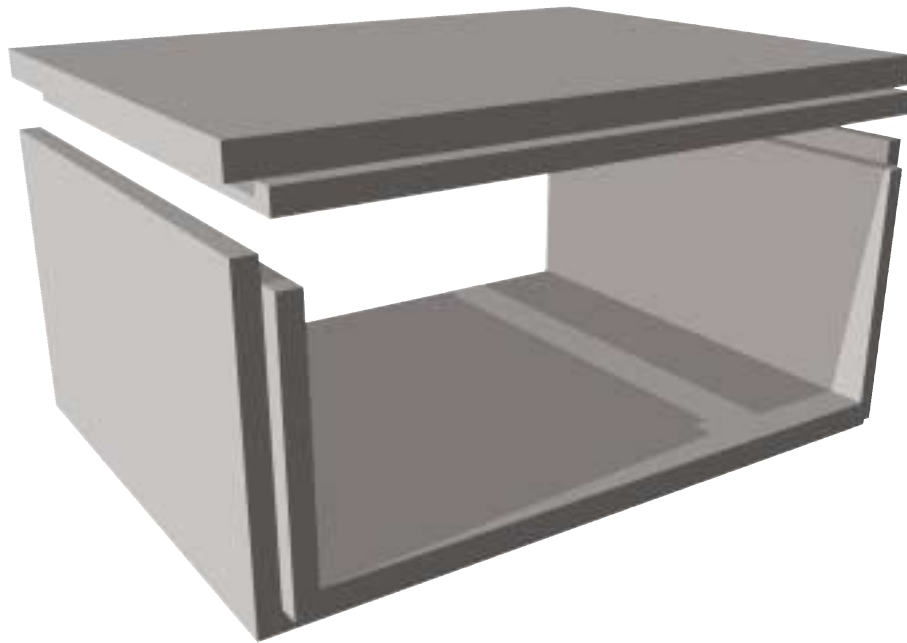


3-SIDED BRIDGES

One-piece precast concrete construction is designed for a fast and trouble-free installation saving time and money. With many sizes available this is the simple bridge solution for tunnels, bridges, walkways, drainage, storage and more.



SPLIT BOX CULVERTS



FEATURES & BENEFITS:

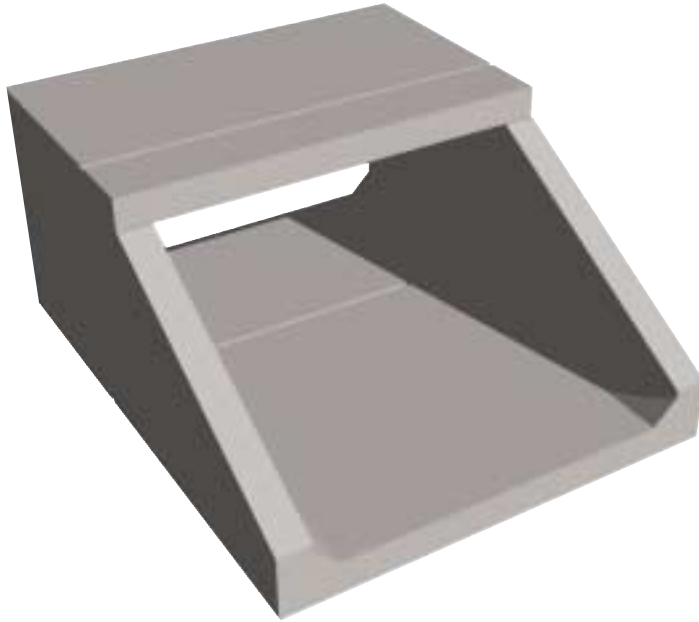
Oldcastle's split box culvert has been proven in the field for over 30 years. It's manufactured to the highest standards with our quality control team monitoring every piece. And it's engineered and designed for a trouble-free installation with clean construction joints. We keep a library of the most recent application trends to create accurate, efficient and practical drawings and calculations to create your custom product. With our state-of-the-art equipment we produce a lighter, less expensive, more dependable box culvert that is delivered on time and installed with a perfect fit, sealing with gravity alone.

APPLICATIONS:

The consistency and flexibility of our design means that our split box culvert can be depended upon in varied applications.

- road crossings
- corridor links
- environmental encasements
- steam tunnels
- sewers
- wildlife crossings

BOX CULVERTS



(box culvert with flared end shown)



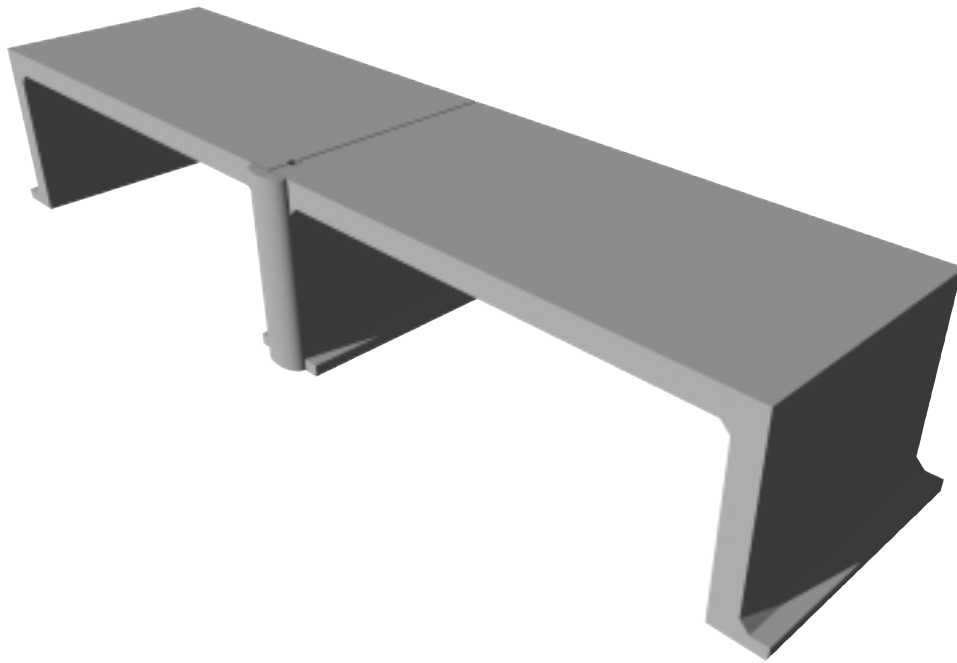
FEATURES & BENEFITS:

Take certified quality control technicians, modern batching equipment, the finest materials, the latest admixtures and you get an Oldcastle box culvert that will perform for decades, even in the harshest environments. With our modular forming system we can deliver your box culverts quickly. Single barrel to mono-quads, laying lengths to 12 feet, any wall thickness, standard or o-ring joints – our box culverts are always produced on machined steel forms. For quality, compatibility and flexibility, Oldcastle box culverts are the best choice.

APPLICATIONS:

Our precast design is the practical and flexible solution designed to save time and money.

- road crossings
- corridor links
- environmental encasements
- steam tunnels
- sewers
- wildlife crossings



FEATURES & BENEFITS:

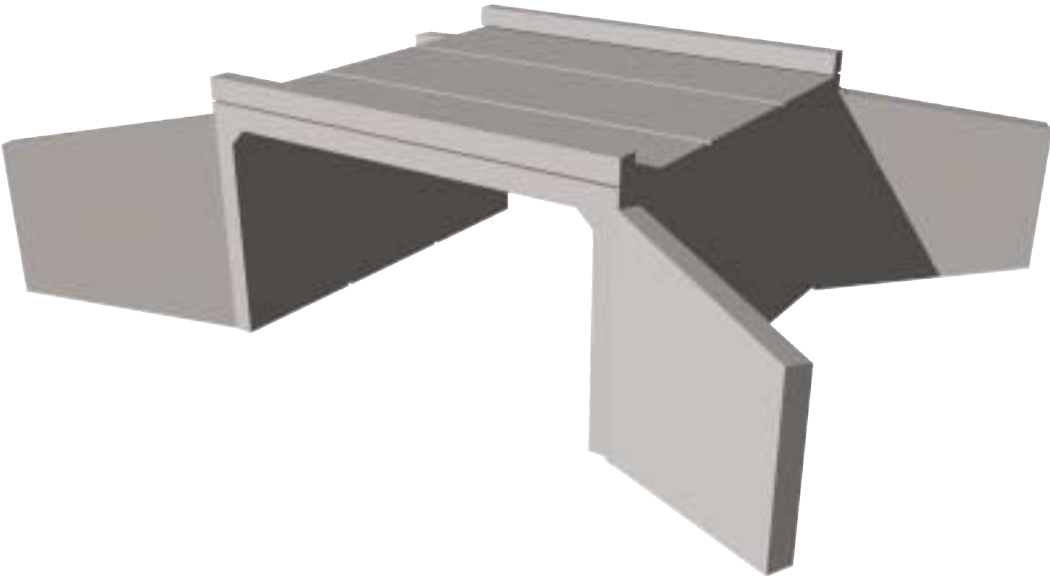
A practical and life long bridge product, Omega culverts are proven in the field... time and time again. The Omega is designed with the environment in mind, offering simple installation. They can be used individually or can be combined for multiple spans. Matching wingwalls offer extra-support in special applications and curved alignments are available. Oldcastle's Omega culverts, with their integral footing, deliver and install ready to backfill. They come in 12', 16', 20' and 24' spans. The rise goes from 3' to 12' offering a solution for a range of applications.

APPLICATIONS:

Standard proven one-piece design with a range of sizes for many roadway applications

- road crossings
- highway crossings
- environmentally sensitive road passages

3-SIDED BRIDGES



FEATURES & BENEFITS:

Oldcastle's precast reinforced 3-sided bridges offer an ingenious one-piece design. They can be installed, backfilled, surfaced and ready for service faster than any cast-in-place bridge construction. And they offer the ability to maintain drainage on waterways throughout the construction process. With a large choice of sizes and weights, Oldcastle also offers the opportunity to design a 3-sided bridge to fit your application.

APPLICATIONS:

The 3-sided bridge product can be considered for the following applications:

- bridge replacement
- new bridges
- tunnels
- drainage structures
- underground structures
- water storage structures

