

PRECAST BOX CULVERTS



Resilient Design, Engineered for Long-Service Life and Seamless Installs.

Thompson Pipe Group's monolithic precast reinforced concrete box culverts aren't like any other. We offer a quality-assured product that allows for faster, easier installation so you can avoid construction schedule delays. They're ideal for projects where wider and shallower drainage structures are needed and where round pipe can't provide adequate flow capacities. Because of the flexibility of RCB design, precast reinforced box culverts can be used in place of cast-in-place box culverts and multi-barrel circular culverts, for short-span bridge replacement, and stormwater retention & detention chambers.

Our conventional monolithic precast reinforced box culverts are constructed all as one piece to create seamless four-sided boxes, which can be shipped to the jobsite for immediate installation. As engineers and contractors ourselves, we're always thinking about projects from your perspective. When in doubt, let us put our minds together and help you troubleshoot your project.

STANDARDS: PRECAST/DRAINAGE PIPE AND BOX CULVERT

- ▶ ASTM C1577
- ▶ ASTM C1677
- ▶ AASHTO M259
- ▶ AASHTO M273
- ▶ CAL TRANS D83A/B

COMPLETED PROJECTS

TYPE/USE	PICTURE
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REINFORCED BOX CULVERTS SUPPORT GOOGLE

New Texas Google Data Center connected with 8,000 linear feet of Thompson Pipe Group precast concrete box culverts.



Precision Joints and Custom Sizes

Thompson Pipe Group joints can be manufactured with either tongue-and-groove or watertight joints in any length up to [X] long.

Our manufacturing capabilities range from 3' x 2' to 14' x 12', and every precast reinforced box culvert is engineered to meet site-specific fill and loading conditions.

LAX TAKES FLIGHT WITH REINFORCED CONCRETE BOX CULVERT

For the second busiest airport in America, Thompson Pipe Group – Los Angeles manufactured precast reinforced concrete box culvert to support the weight of an Airbus A380-800-F — with a design aircraft ramp weight of 1,500,000 pounds.



Sustainability and Quality Assurance

Our precast concrete is earth-friendly, contributing to environmental stewardship in many ways. Using locally sourced building materials results in a lighter carbon footprint compared to alternative products.

Precast concrete products have withstood the test of time, far exceeding their 100-year design life.

BRIGHT MINDS AT CALTECH CHOOSES PRECAST BOX CULVERT

CalTech selected Thompson Pipe Group's 10'x10' precast box culvert for an underground pedestrian walkway 40' below the surface. TPG products are rigid, resilient and safe enough to convey water and some of the world's most brilliant minds.



Precast concrete products are cast in a factory setting, ensuring tight quality control, rigid production standards, and testing specifications that meet or exceed all ASTM, AASHTO, federal, state, and local standards and specifications. We aim to raise the standards in every product we manufacture, delivering not only quality products but the expertise behind choosing the right materials.

LOGISTICS

The Thompson Pipe Group fleet transports pipe, fittings and parts.



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