



Project Profile



Highway Stormwater Drainage

Location:

United States, Cincinnati, Ohio

The Situation:

During a highway construction project an ominous problem of stormwater drainage from a nearby creek had to be addressed. Therefore, a watertight stormwater drainage system needed to be installed.

The Solution:

Together, precast concrete box culverts sealed with ConSeal products and a poured-in-place storm water drain structure were installed to redirect the creeks runoff. CS-102 provided a watertight seal for the box culvert joints of the system. CS-212 provided external protection of the joints, CS-75 primer being used with the CS-212 to provide an extra secure seal. CS-231 Waterstop provided water tightness between precast box culverts and a poured-in-place concrete structure.

Sealant Application

Box Culverts

Applicable Industry Standards:

ASTM C-990
ASTM C-877 Type III

Products Used:

ConSeal™
CS-75

Water-Based Adhesive
Surface Primer

CS-102

Butyl Rubber Sealant

CS-212

Polyolefin Backed
Exterior Joint Wrap

CS-231

Controlled Expansion
Waterstop Sealant

Don't Just Seal It, ConSeal It!

Concrete Sealants, Inc.

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