

PROJECT PROFILE



**ANY SIZE.
ANY SHAPE.
ANY HEIGHT OR DEPTH.**

LOCATION: CINCINNATI, OHIO | USA

SITUATION: STORMWATER DRAINAGE

HIGHWAY STORMWATER DRAINAGE



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:

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**