



Project Profile



Stormwater Detention Basin

Location:

United States, Cincinnati, Ohio

Precaster:

Lindsay Concrete Products
Canal Fulton, Ohio

The Situation:

Stormwater detention basins are useful to help prevent flooding and erosion. In this case, a stormwater detention basin was being installed under a parking lot for Cracker Barrel in Cincinnati, Ohio. This 600,000-gallon system required a watertight product to seal the joints for optimum system performance.

The Solution:

To provide the watertight seal, CS-102 was used in the joint of the stormwater detention basins. To help insure water tightness, and prevent backfill from getting in the joint during backfill, CS-50 primer and ConWrap CS-212 were used on the exterior sections of the stormwater detention basins. This combination provided the required watertight seal of the stormwater detention basins.

Sealant Application

Box Culverts

Applicable Industry Standards:

ASTM C-990
ASTM C-877 Type III

Products Used:

ConSealTM
CS-50
Liquid Butyl Primer

CS-102
Butyl Rubber Sealant

CS-212
Polyolefin Back
Exterior Joint Wrap

Don't Just Seal It, ConSeal It!

Concrete Sealants, Inc.

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