

PROJECT PROFILE



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

LOCATION: CINCINNATI, OHIO | USA

PRECASTER: LINDSAY CONCRETE PRODUCTS

STORMWATER DETENTION BASIN



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 ensure 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:

CS-50

LIQUID BUTYL PRIMER

CS-102

BUTYL RUBBER SEALANT

CS-212

POLYOLEFIN BACK

EXTERIOR JOINT WRAP