

PROJECT HISTORY

RIVER OAKS TOWNHOMES ASSOCIATION

CALUMET CITY (CHICAGO) ILLINOIS

COMPLETION: 2003

Before



PROJECT ASSESSMENT

“What needed to be done”

There were two parts involved in this renovation, the pool itself, and a concealed, weir-type channel gutter system. The painted pool surface was peeling and flaking, along with the discoloration and chalkiness generally inherent with most painted surfaces. The pool shell was also beset by severe water leakage through numerous structure cracks. The greater challenge however rested in accessing and repairing the original concrete gutter channel. This original weir-type system rested underneath a two-foot wide section of concrete decking, making it inaccessible to inspection, maintenance and repair. Like the pool shell, this concrete covered gutter system also had structure cracks and experienced water leakage.

RENOVATION PLAN

“How it was done”

Hit by a budget crisis, the owners could not spend in excess of \$400,000 to construct a new pool. There were several goals in this renovation: Sealing the structure cracks in the pool and gutter, keeping the gutter system in working condition, while making it accessible for future inspection and maintenance, and resurfacing both vessels. The two-foot wide concrete walkway was removed, exposing the concrete channel gutter. Both the pool and gutter channel were abrasive blasted to remove the failing pool paint. In lieu of replacing the concrete walkway over the gutter channel, a specially built sectional

gutter grating, handhold and support system was designed and installed over the gutter channel. Such a system would now allow periodic inspections of the gutter, plus safety and comfort for the swimmers. Frost-proof waterline and depth transition tiling was added onto the pool. Structure cracks were filled with a high-grade epoxy and permanently sealed with the **InterSteel Crack Repair** method, and the entire pool and gutter received the INTER-GLASS® Reinforced Composite System.

Renovation Result



SAMPLE PICTORIAL SEQUENCE ON BACK OF THIS PAGE

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CALUMET CITY, (CHICAGO), ILLINOIS

Deck Removal in Progress



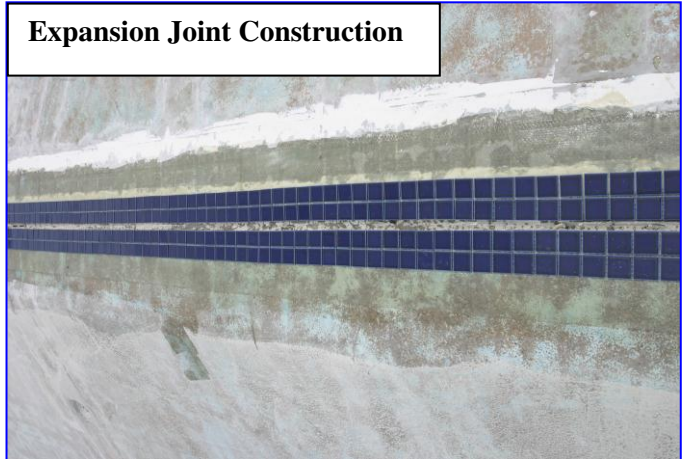
Weir Gutter Channel Exposed



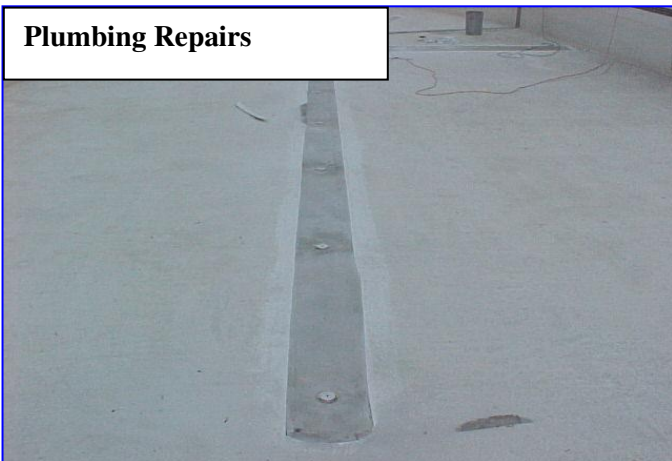
Sandblasting in Progress



Expansion Joint Construction



Plumbing Repairs



New Gutter Grating System with Handhold



PROJECT SPECIFICATIONS:

TOTAL SQ. FT.:

5,290 w/KIDDY POOL

POOL SHAPE:

LAZY L w/DEEP END

TYPE OF CIRCULATION:

CONCRETE GUTTER

TYPE OF CONSTRUCTION:

SHOT-CRETE

TYPE OF FINISH AFTER RENOVATION:

INTER-GLASS®