

Cathedral Tunnel Sealing

Chicago, IL



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> • Holy Name Cathedral in downtown Chicago makes use of utility tunnels to service a number of buildings within it's complex. • Cracks and joints in the aging concrete tunnels allowed groundwater infiltration. The water created hazards in lower levels of the buildings. 	<ul style="list-style-type: none"> • URETEK drilled through walls and floors to inject high-density, high-strength polyurethane at the cracks and joints to seal-out ground water infiltration. • URETEK crews sealed the leaks efficiently using two sets of truck-mounted equipment. 	<ul style="list-style-type: none"> • Catholic Archdiocese of Chicago • Property engineers • Initial site visits • Injection pre-design to maximize leak sealing effectiveness • Pre-construction meeting 	<ul style="list-style-type: none"> • Minimal impact: Work was performed with no excavation and minimal interruption to Cathedral operations. • Quick Installation: The project was completed in two days. • Result: The tunnel leaks are sealed against ground water infiltration.