

project highlight

Wilcox Tunnel Chattanooga, TN

For years, the tunnel's liner maintenance and water leaks were problems for Chattanooga. With SCP Technology, however, the city expects recent liner improvements to provide many years of low maintenance and leak-free use.

OVERVIEW

The Wilcox Tunnel in Chattanooga, TN, USA had only minimal maintenance for nearly 90 years. Like many tunnels worldwide, water intrusion, cleaning and maintenance were major problems. The City's project team used SCP as the base of a multi-component waterproof liner system to ensure that subsequent layers did not experience adhesion failures due to moisture migration through the concrete. Today, the tunnel is functioning perfectly, with water re-directed away from vehicles and pedestrians.

BENEFITS & SAVINGS

Before liner improvements, maintenance cost the city 1 week of labor and traffic management. Now the city can clean the tunnel and reopen to traffic in just 1 day. Yearly savings on maintenance with the liner upgrade is estimated to be \$100,000 a year.

PROJECT DATA

PROJECT

Wilcox Boulevard Tunnel Liner Improvements

APPLICATION TYPE

Concrete Waterproof Liner System

PRODUCT TYPE

SCP 743

DESIGN CONSULTANT

Volkert, Inc. for The City of Chattanooga

TOTAL AREA

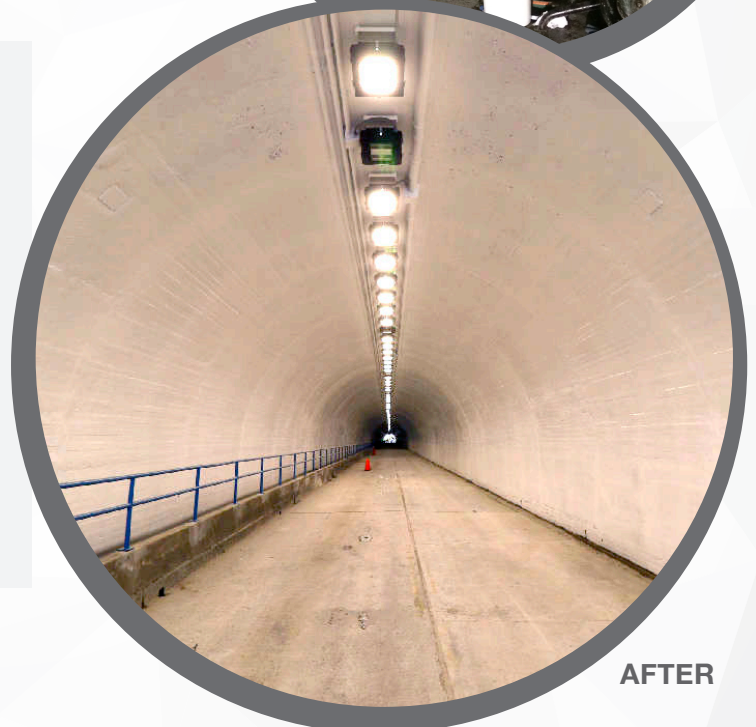
Approx. 60,000 ft² (5,600 m²)

For more information, visit
www.concreteprotection.com

BEFORE



DURING



AFTER