

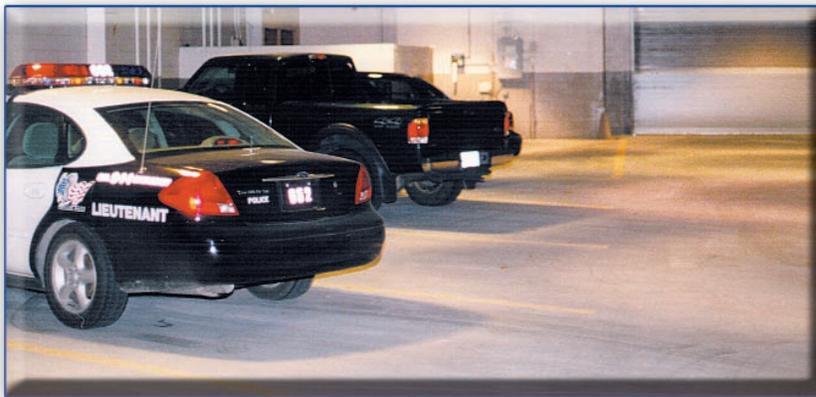
# CASE STUDY



## Restoration Of The Sixth District Police Headquarters Garage

Cleveland- Built in 1969, the Cleveland Department of Public Safety is 6th District Police Headquarters and home to more than 185 police officers and support staff. Many of the police vehicles are parked inside a 6,500 square-foot garage, which is part of the facility. Over time, the concrete floor began to show serious deterioration. Salt created severe spalling throughout the surface.

To ensure a safe and functional working floor, it was decided that the entire garage floor area would be resurfaced. Further, the garage restoration project had to be completed in four working days to minimize inconvenience and disruption to normal police operations. ChemFlow HS overlayment was selected to restore the concrete surface.



*Designed by architects Lesko and Associates in 1969, the 6th District Police Headquarters is located in Cleveland's east side Collinwood area.*



# How ChemMasters Met The Challenge



## What they said:

Dave Tolley of Tolley Services, Inc. provides the following comments, "Chem-Flow HS is easy to work with and represents an economical way to restore concrete floors rather than replace them."

Cleveland Police Sergeant Norman Brzozowski says, "What a difference. Our police officers appreciate being able to get in and out of their vehicles quickly and easily. We are very satisfied with the restoration of our garage floor."



**ChemFlow HS** is a cementitious, self-leveling industrial floor resurfacer designed for interior structural floors. It is a single component, high strength, traffic grade product.

**Substrate preparation:** Existing unsound concrete and sealing compounds were removed using a Blastrac shot blaster.

**Priming:** ChemFlow Primer was then applied to the clean, dry prepared surface using a short napped roller at a rate of 200 square feet per gallon.

**Overlayment Application:** Once mixed with potable water for 2-3 minutes to achieve a lump-free mix, ChemFlow HS was poured onto the floor and smoothed with a porcupine roller to disperse air bubbles. The application was done in two stages to achieve an approximate overall thickness of 1/2-inch. After ChemFlow HS cured, the control joints were saw cut through the overlayment and filled. A similar 6,500 square-foot garage restoration project was also completed in the same manner at Cleveland's 4th District Police Headquarters facility.



**General Contractor**  
Cleveland Trinity

**Architect**  
City of Cleveland

**Restoration Contractor**  
Tolley Services, Inc.



The above photos show the concrete garage floor before, during and after application of ChemMaster ChemFlow HS overlayment.



## For more information contact:

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