



Project: Removal of Automotive Railing / Concrete Repair



The Problem

An Auto Manufacturer is removing a large number of guardrail posts to reconfigure their new body shop. When the posts are removed a 4" to 8" diameter hole is left in the concrete floor. Each hole has a steel sleeve that is approximately 24" to 36" deep. The steel sleeve needs to be filled and in many cases the floor around the top of these sleeves is damaged and needs repaired. The filler and repair need to be durable enough to withstand constant HILO traffic for many years.

USI was asked to recommend a product that will accomplish these requirements.



The Solution

Once the posts were removed, a manual surface prep was performed using a wire wheel and wire brush. The area was primed using 3M Scotchkote Epoxy Sealer SP 810. The SP 810 sealer was then mixed with pea gravel for a deep hole filler and poured to within 3" of the top of the steel sleeve. The remaining 3" and any damaged areas were finished by troweling 3M Scotchkote Concrete Repair 474 to provide a smooth level surface. The areas were able to withstand any HILO traffic for many years within 16 hours of completion.

