

## Precision Concrete Cutting

Precision Concrete Cutting (PCC) is the Nation's Leading trip hazard removal company. Over the last 10-15 years PCC has developed and patented certain equipment and processes that are unique and proprietary to PCC. These patents have been successfully defended in court and many cities, universities and institutions have used PCC's Sole Source letter to conduct business with PCC to utilize its unique results that cannot be produced by other contractors or methods.

Below is further explanation of what makes PCC's equipment, processes and results unique and which can only be performed by PCC's equipment and personnel.

1. Trip hazards are saw cut in complete accordance with the requirements of the Americans with Disabilities Act with PCC's **patented**, flush mounted, vertical saw. Each offset is tapered at a precise 1:8 slope and has a smooth, uniform appearance and texture.

The saw is mounted flush to the ground with a **patented** connecting harness and is capable of working at any angle and capable of performing the required trip hazard removal in hard-to-reach areas, around obstacles, on narrow walkways, next to fences and retaining walls or buildings

PCC's method of trip hazard removal only entails cutting of the cement with the **patented** equipment that allows for flush and angle cutting to a required precise slope. There is never any grinding or pulverization of the cement as this is not capable of meeting ADA specifications but does result in an unsightly finished panel.

2. PCC's saw cutting repairs the panel to a zero point of differential to the adjacent opposing side, and to both edges of the sidewalk to eliminate the trip hazard over the full width of the sidewalk.
3. The removed trip hazard leaves a uniform appearance and texture. The technique PCC uses has been tested and provides a finished surface with a coefficient of friction well over the .5 required by OSHA.
4. The equipment fits a 3 to 4 foot wide sidewalk panel which allows the work to be performed without the need to close streets to traffic. It also is self contained so it can be used in the middle of a park or campus without the need of vehicular support.
5. PCC's saw equipment includes a **patented** dust collection system installed on the saw to collect dust. Debris and concrete dust is cleaned from the sidewalk surface as well as the surrounding rails, sidewalks, driveways, landscaping, and/or other objects in the

vicinity of work. At no time is concrete dust, slurry or debris allowed to enter the storm drain system (including valley gutters, inlets, manholes and pipes).

6. PCC uses a **proprietary** data collection device that records the details of the work and transmits the data electronically. The recording device records sizes of each individual hazard along with the hazard location plotted to a map with address, description and GPS coordinates. This data is then transmitted electronically to the PCC office for integration into a GIS system. This information is used in the preparation of the client proposal, the technicians work order and the final invoicing which allows for the work to be fully audited by the client.