



EQUIPMENT GALLERY

SAFETY AND CONSTRUCTION SUPPLY'S SITE

Another outlet for safety gear is Safety and Construction Supply, Inc., Denver. The company offers Class III hi-viz orange and lime parkas and S9000 lime and S9001 orange vests, as well as Class II surveyor style vests. Also find insulated gloves, safety cinched balaclavas, Class III vests and waterproof high-visibility coveralls from SCS. If you're looking for safety equipment, the company stocks cones, barricades, strobe lights, lightbars, panels, light stands and more. From Metaliks safety glasses meeting ANSI Z89.1 and CSA Z94.3 standards to break-away type III barricades from Plasticade that are Part #308-HI-LR-KIT NCHRP approved, SCS has a large stock of safety products for every application. SCS is also participating in Whelen's "Amber Essentials Program," which provides lower pricing to customers on select Whelen lighting.

For more information about SCS's safety products, call David Ortiz at (800) 748-2646 or visit www.traffic-workzone.com.

NEUWAKUM'S GOBLIN®

"Each year, more than 100 workers are killed and over 20,000 are injured in the highway and street construction industry. Vehicles and equipment operating in and around the work zone are involved in over half of the worker fatalities in this industry." Oct. 18, 1999, Kim Vendl was killed when a

dump truck she never saw coming backed over her at 5 miles per hour. In response, Washington state enacted WAC 296 155 305, which recommends using hard hat mounted rear-view mirrors "to warn and protect... from traffic and equipment approaching from behind." What the researchers at Neuwaukum Industries, Inc., Enumclaw, Wash., came up with is something they consider more effective than a rear-view system. Nov. 17, 2008, after two years of research and development, Neuwaukum introduced the Goblin® Peripheral Vision System™. Designed by a team of award winning engineers, safety specialists and materials experts, this project grew out of the necessity for "active" safety gear to reduce construction work zone injuries and fatalities.

Currently the methods used to prevent injuries and fatalities (due to runovers and backovers) consist of back-up alarms, rear-view cameras, safety vests, jersey barriers and observers, according to the manufacturer, but none of these methods give the person in danger the ability to see for themselves what is going on around and behind them. Goblin Peripheral Vision System is a low-cost solution that provides an expanded peripheral vision zone. The added peripheral awareness, up to 180 degrees, gives the wearer an active/offensive advantage over his or her environment. They are lightweight, adjustable mirrors that clip to the brim of most hard hats and are designed not to hinder forward vision. Used in pairs, they stay virtually invisible to wearers until danger approaches. Now, in addition to other passive safety measures, the wearer is actively involved in his/her own safety.

Built to hold up in a tough environment, each Goblin is made of industrial-grade, non-conductive plastic. The mirrors are scratch-resistant and tinted to prevent glare. In the event of a hard impact, a unique "breakaway" system allows individual parts of the Goblin to separate from each other, preventing wearer injury. Goblin Peripheral Vision System was designed to meet ANSI and Washington Administrative Code 296-155-305 standards.

The manufacturer believes Goblin Peripheral Vision System is as critical a piece of personal protective equipment for any worker exposed to traffic, moving equipment or other work sites where dangers can come from the side or rear as hard hats, safety glasses or reflective vests.

For more information about the Goblin, contact Neuwaukum Industries at (360) 825-1505 or kellybauer@hardhatmirror.com. Visit www.hardhatmirror.com.

U.S. DOT'S P2P PROGRAM

Not exactly a product, the U.S. Department of Transportation's Work Zone Safety and Mobility Peer-to-Peer (P2P) Program is a short-term assistance program that the Federal Highway Administration (FHWA) established to help agencies apply methods, tools and strategies to improve work zone safety and mobility. The program provides state and local transportation agencies easy access to peers across a wide range of work zone issues at no cost to the agencies, which is a plus in today's economic and budgetary climate.

Assistance is available in the following work zone areas:

- safety and mobility
- policy
- planning and programming
- pr/education/outreach
- analysis tools
- data/impact analysis
- development & design
- transportation mngmt plans
- contracting/bidding procedures
- specs, methods, practices
- traveler/traffic info
- enforcement
- incident management
- ITS & innovative tech
- evaluation/feedback

The P2P program can help agencies assess and manage potential impacts from road construction and rehab activities when agency personnel tap the technical expertise of professionals from across the country to address questions or to share lessons from past experiences. To use the program, a state or local agency rep requests assistance either by e-mail or phone. He or she describes the agency's need to the FHWA-sponsored P2P coordinator. The coordinator then matches the agency with a transportation professional. The matched peer contacts the agency to work out the details of the assistance to be provided within the program framework. In some instances, this may include a site visit.



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