

LEHIGHTM **WHITE CEMENT** *For Safety, Durability & Visibility*



"For Better Building"

With increasing emphasis on highway safety and roadway aesthetics through initiatives undertaken by state Departments of Transportation, the use of Lehigh white cements affords the transportation professional an opportunity to fulfill safety and aesthetics strategic plan objectives. At night or in inclement weather, visibility of a concrete surface can double or even triple with the use of Lehigh white cements.



“The increasing numbers of older drivers will pose many challenges to transportation engineers. The 65 and older age group, which numbered 33.5 million in 1995, will grow to more than 36 million by 2005, and will exceed 50 million by 2020.” (Older Driver Highway Design Handbook, Recommendations and Guidelines, U.S. Dept. of Transportation, Federal Highway Administration)



“The amount of light reflected by a car’s color affects its visibility at night, which in turn affects your safety on the road. While black and red are deemed the least visible colors at night, the most visible are believed to be white, yellow, lime green and other pastels.” (Liberty Mutual Insurance)

Because of its reflectivity and visibility, the use of white concrete in bridges and bridge parapets is increasing, making highway driving much safer for travelers, especially in inclement weather and at night.



Lehigh Cement Company has been the foremost producer of white cements in North America for over a century. Lehigh white cements take artistic expression to new heights, allowing architects the freedom to choose from an unlimited range of colors, textures, shapes, sizes and patterns to accommodate a multitude of applications.

Made from carefully selected raw materials that are manufactured and tested under precise, rigidly controlled conditions, Lehigh Cement produces high quality white cement products that exceed ASTM specifications and serve as the products of choice for whiteness, uniform color, consistent performance and reliable strength. The use of white cement plays an integral role in imaginative and innovative architectural creativity.

Additional resources that we offer on the topic of the use of white cement in highway and roadway construction are the following brochures, along with a Lunch & Learn session.

Highway/Roadway Construction Brochures—

- ❖ *Median Barriers & Bridge Parapets*
- ❖ *Railroad Crossings*
- ❖ *Traffic Calming*
- ❖ *Delineators & Channelizers*
- ❖ *Precast Applications*
- ❖ *Bridge Applications*



Lunch & Learn: “The Use of White Cement in Roadway Construction”

A one-hour PowerPoint and video presentation which discusses the cement manufacturing process, clarifies the differences between gray and white cements, and highlights the advantages of using white cement/ concrete products in roadway construction, with a focus on safety. Presentation includes photos and explanations of various effects which can be achieved using white cement/concrete products. Applications discussed include median barriers, bridge parapets, delineators, channelizers, pedestrian refuge islands, curbing, pedestrian bridges, speed tables, retaining walls, sound walls, tunnel linings and railroad crossings.

To schedule a free one-hour program at the location of your choice, contact Jackie King at (800) 523-4388



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THE LEHIGH SERVICE ADVANTAGE

Lehigh White Cement's experienced technical service engineers and sales representatives are located throughout the United States and are prepared to offer their expertise to assure the success of your projects.

From design to project completion, Lehigh White Cement offers the technical support, service, and the finest products available to ensure best results.

With 4 sales offices supported by numerous distribution centers, Lehigh White Cement provides prompt delivery of its white cement products throughout the United States and Canada.



AIA/CES and USGBC Registered Provider