



New I-35 Bridge's Gateway Elements

Minneapolis, Minnesota

Gateway elements cast with TX Active Photocatalytic cement greet travelers on the new Interstate 35 West Bridge spanning the Mississippi River in downtown Minneapolis. Two gleaming white concrete sculptures, each comprised of three wavy columns, tower 30-feet high on each side of the bridge in a vertical interpretation of the universal symbol for water, recalling the river and the flow of life. The bridge was opened to traffic September, 2008, just 13 months after the original bridge collapsed. The I-35W span pioneers the use of self-cleaning, pollution-reducing cement in its water symbol monuments.

“Architectural surfaces formulated with TX Active cement are efficient in destroying atmospheric pollutants,” explained Heidelberg Materials’ VP of Sales - Cement Northeast Region, Dan Schaffer. “The results are cleaner concrete surfaces and cleaner air. In the case of the I-35W Bridge in Minneapolis, the results will be cleaner monuments and improved air quality.”

The sculptures were developed by the design team of FIGG and Oslund, working with the Visual Quality Advisory Group set up by the Minnesota Department of Transportation to include community and park representatives. Concrete was produced by Minnesota provider Cemstone Products Company and precast by Stoneworks Architectural Precast. The I-35W Bridge was constructed by Flatiron-Manson Construction Company and designed by FIGG.

TX Active®: good, clean design

When applied to various materials, photocatalysis creates a “self-cleaning” effect. While early photocatalytic cements were effective in keeping surfaces clean, the levels of photoactivity achievable with TX Active cement is such that it actually abates the organic and inorganic substances responsible for air pollution.



A pioneer in sustainability

Heidelberg Materials uses its combined forces to lead the field in decarbonizing the industry. Developing sustainable and intelligent heavy building materials, we provide the **Material to build our future.**