

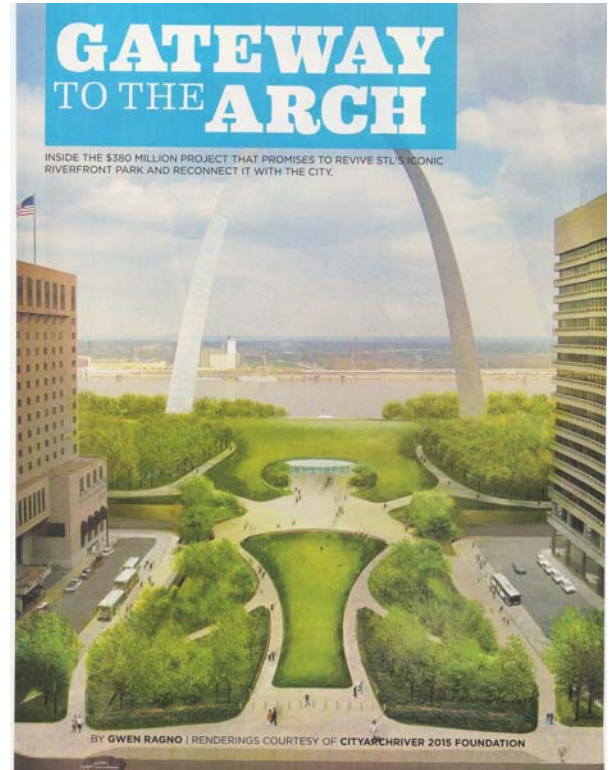


CREATIVE POLYMERS AWARDED ST. LOUIS ARCH CONCRETE WATERPROOFING CONTRACT

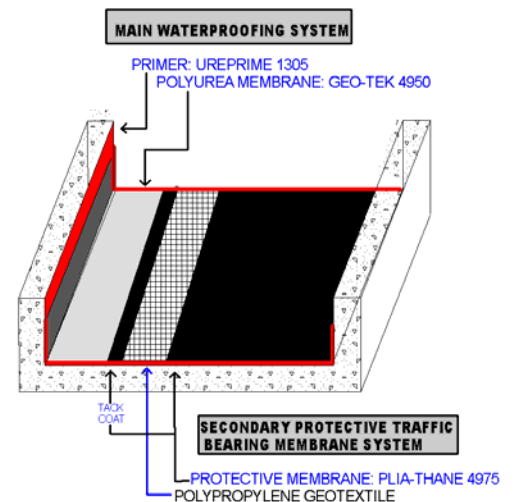
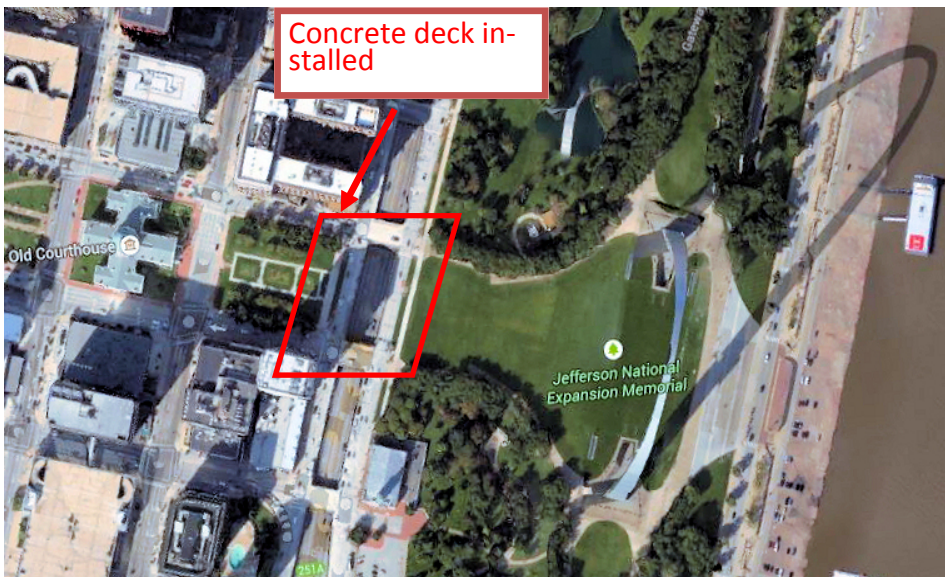
The Gateway Arch is one of the most recognizable landmark in the country and is one the first images people associate with the city. In 2009 the city decided to make the river front more welcoming, lively and more connected to the downtown area. This direction evolved into a design that will create a seamless connection between the city, the Arch and river.

A key aspect to this connection between the Arch and City requires adding a large concrete deck that will span over the highway that presently stands between the two areas. This concrete deck requires a waterproofing system to protect the concrete from water seepage and premature deterioration . Once the waterproofing is applied soil will be added for grass and various landscaping.

CREATIVE POLYMERS, a St. Louis based manufacturer of epoxy, polyurethane and polyurea coatings and systems, was awarded the contract to supply a specialize Polyurea waterproofing elastomer system. The Geo-Tek 4950 polyurea system can be applied easily to 100 mils with high tech plural component equipment and cures in less than 15 seconds. This high performance elastomer is a tough and highly flexible system that as a result of the fast cure properties has minimum interruptions to the overall project and a allows a quick turnaround to the next construction stage.



ST. LOUIS ARCH BRIDGE DECK SPECIFICATION

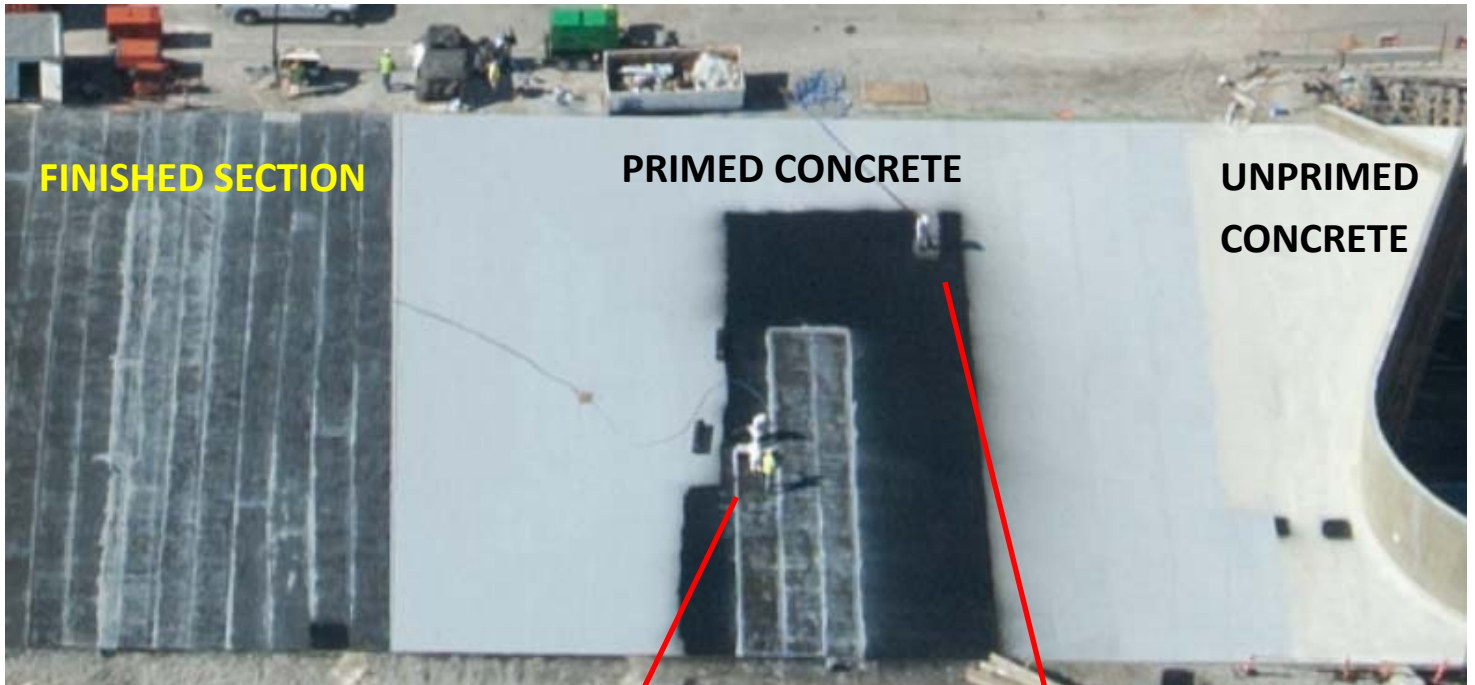




OVERVIEW OF APPLICATION

One of the key advantages of the Fast Cure polyurea and polyurethane systems is the application productivity. The application below illustrates a fast-cure polyurea system simultaneously being applied just 10–30 minutes ahead of a secondary slower polyurethane / geotextile system.

AERIAL SHOT OF LANDBRIDGE NEAR ARCH



**APPLICATION OF 5 MINUTE CURE
POLYURETHANE SYSTEM WITH
REINFORCING GEOTEXTILE FABRIC**



**APPLICATION OF
FAST SET POLYUREA SYSTEM**