



MEDICAL CENTRE ENTRANCE CANOPIES MAKE A DRAMATIC STATEMENT

TITLE	Muskogee Regional Medical Centre
DESCRIPTION	Entrance canopies for medical centre
LOCATION	Muskogee, Oklahoma, USA
COMPLETED IN	2006
FABRIC AREA	3,000ft ²
FABRIC TYPE	PTFE – Sheerfill V
ARCHITECT/CLIENT	Fritz Baily Architects / Muskogee Regional Medical Center

MUSKOGEE REGIONAL MEDICAL CENTRE MUSKOGEE, OKLAHOMA USA

The challenge – provide shelter for patients and visitors while enhancing main entrance

The Muskogee Regional Medical Centre provides courteous, compassionate and cost-effective healthcare to the citizens of the greater Muskogee area. In 2007, the centre's management decided to make the centre's main drop-off zone more user-friendly with the addition of entrance canopies.

The solution – an eye-catching series of intersecting arches

Structurflex designed two PTFE-coated membrane canopy structures that offer an organic metaphor suggesting life and health. The canopies, which each consist of three inverted cones, adorn a conventional entrance to give the centre a contemporary look and feel.

Supported by structural columns, the highly complex steel geometry incorporates intersecting arches for all primary structural elements.

Each element was computer modelled and detailed for seamless installation in the field. Connections are made with custom made high-strength stainless steel fittings and hardware. Rainfall is channelled into an integrated downspout that links into a storm drain under the main drive.

The soft shape and translucency of the membrane delivers visual appeal that is unrivalled by other more conventional building materials.

