

### Heartland Amphitheater

#### Background

The Heartland Amphitheatre was designed as a 60' x 60' structure to be used as an entertainment venue for a centrally Oklahoma tribe. It included an open end but required a bonnet covering that would keep the performers and the stage system dry. There was a need for a partition wall to create a private backstage environment complete with dressing rooms and staging areas for equipment and performers alike.

The client required the structure from design to completion to take less than 60 days.

#### Solution

Signature worked immediately to design an open ended structure complete with foundation that would meet uplift and code requirements of the Oklahoma wind load. Due to the open ends the bonnet system had to be customized to meet requirements. The partially enclosed back end required a design of wind vent panels to accommodate gusts that could occur. The bonnet was included computer generated graphics to show case the logo and name of the facility.

Our construction team began erecting the structure prior to the interior layout being completed and a black partition curtain was used to create a private space for the entertainers. Signatures crew modified and worked on site with our engineers to develop a finishing detail of end wall and partition wall that exceeded the Tribe and the General Contractors expectations. With an aggressive construction schedules, a quality product delivered under budget and quicker than required, Signature again added another satisfied client to its portfolio

#### Details

60 x 60 curved frame structure with custom ends and weather proof bonnet covered roof. Engineering of the structure and membrane attachment as well the floor slab were required pre-fabrication. The 24oz Ferrari membrane was custom to meet Tribal colors and the inner wall system was done in a heavy duty black out material acting as both a privacy and an acoustic barrier. A custom logo and re-enforced bonnet hood finished the stage area.

#### Customer Appreciation

"We have worked with Signature on numerous projects both large and small. Their structures are the best quality in the industry. They also have provided engineering, construction, technical support and service over 6 other tension membrane structures that were not originally manufactured by them originally with the same level of diligence that show on their own products.

When other companies become unresponsive or cannot generate the experience to solve problems, Signature time and again, comes through with quality and professionalism that sets them apart. We would never go elsewhere."

