

Featured Project

Mojave Crossing Event Center

Bullhead City, Arizona



The Mojave Crossing Equestrian and Event Arena is by far the largest, most versatile, and state-of-the-art facility available within 100 miles of Laughlin, Nevada.

The Event Center seats 3,000-stadium-style or 5,000-arena-style. The expansive skybox can accommodate 200 banquet-style and 300 theater-style.

The 45,000+ square-foot stadium floor can easily accommodate anything from a swapmeet, to a three-ring-circus, to Monster Truck Extravaganzas or high-flying motorcycle stunt jumping. ArcSine Engineering provided design and construction management services for electrical, lighting, HVAC, and plumbing for this multiuse convention center. The site is approximately 20 acres, and ArcSine's designs covered the entire facility.

ArcSine's flexible designs allowed for easy conversion between diverse uses from trade shows, to rock concerts, to indoor rodeo events.

Substation:

- ArcSine designed the 12kV to 480V, 2MVA substation, and related utility infrastructure.

Power and Signal:

- Power and signal distribution included strategically placed points of interface for easy connection to the systems for different events.

Lighting:

- ArcSine designed indoor and outdoor lighting/controls throughout.

HVAC:

- ArcSine's designs included chiller systems which relied on Colorado River water. This highly efficient system is projected to save the Owner in excess of \$20,000 annually.

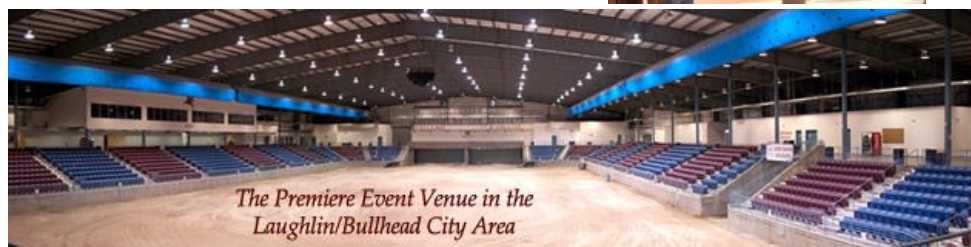
Domestic Water:

- Designed water pumping systems, including a river water pumping station.

Construction Support:

- ArcSine provided full-time on-site construction support.

Electrical
Mechanical
Lighting
Cost Estimating
Construction Support
Motor Control
Field Work
Grounding
Plumbing & Piping
Utility Coordination



*The Premiere Event Venue in the
Laughlin/Bullhead City Area*

