The idea behind the Allen County War Memorial Coliseum began in 1944, when the Chamber of Commerce began discussing a proposal “to undertake a project to build a field house in Fort Wayne, IN and dedicate it as a war memorial.” The project was completed in January 1952 and quickly became the site of major professional and amateur sporting events, circuses, ice skating shows, religious gatherings, political rallies, civic and school events and patriotic observances.

In 2001, a major renovation was initiated to expand the Memorial Coliseum Arena and modernize the facility to keep pace with the times. As part of the project, the Coliseum’s 1,200 ton roof was slowly raised 41 feet, 10 inches - one of the largest projects of its type.

Falk PLI utilized Laser Scanning technology to obtain critical measurements and structural information for the project and provided a both a 3D model as well as 2D drawings for fabrication of the new roof structure.

Laser Scanning technology enables Falk PLI to measure and model large, complex sites and structures quickly, accurately, and safely and reduces the costs associated with rework in design, fabrication, and construction. The process measures individual data points in 3D that are converted into CAD drawings. Multiple scans can then be joined together to create a complete model of space based on clients needs.