

BEST PROJECTS

ENRSouthwest Best Projects Completed in the Past Year

PURSUING EXCELLENCE DRIVES BEST PROJECTS

The competition's 26 winners strive to deliver efficient solutions

The **ENR Southwest** Best Projects competition recognizes many of the region's most outstanding construction and design achievements in the past year. In the nearly two decades since the Best Projects program was initiated, the industry has changed, but one constant is the drive for efficiency.

Winning projects were directed by teams with a passion for collaboration. In addition, a significant number of project teams this year cited using lean principles to get projects built faster, better and cheaper. Two prime examples were the Lucky Dragon Casino and UHS Spring Valley Hospital in Nevada.

The eight judges reviewed more than 70 projects that were completed between June 1, 2016, and June 30, 2017. The panel included: Andrew Baird, project manager, Kimley-Horn; Pat Edwards, principal and regional manager, Burns & McDonnell; Kai Kaoni, assistant professor of practice at Northern Arizona University; Corey Newcome, division manager, Las Vegas Paving; Ann Schexnayder Blanchard, project manager, Graycor Construction Co.; John Take, senior vice president, Stantec; Craig Randock, design leader, DLR Group; and Bill Sabatini, lead design principal, D/P/S.

The judges rated the projects based on five criteria: overcoming challenges and teamwork; safety; innovation and contribution to the community; construction quality and craftsmanship; and the function and/or aesthetic quality of the design.



DESERT LIGHT
The Sky Harbor Terminal 3 modernization project in Phoenix turned a concrete facade into one of glass and daylight.

Projects that experienced a construction-related fatality were automatically disqualified.

Judges conferred to choose a category winner and one or more awards of merit. They also selected one overall Project of the Year.

If a judge was employed by, or did any work on the projects being considered, that judge was assigned to a different category.

Also highlighted on the following pages are the results of the Excellence in Safety award. The competition was adjudicated by Jon Wickizer, director of corporate safety, Brahma Group, and Barb Spitz, environmental health and safety manager, JB Henderson Construction. More than 30 projects were considered for this award based upon their OSHA incident rates, lost-time accidents, total work hours and the quality of the project's safety programs.

SMALL PROJECT ■ Submitted by Loven Contracting

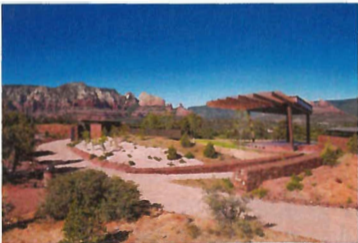
The amphitheater is located in Sedona, Ariz., surrounded by the sandstone formations for which the area is famous. This project's unique architecture required a considerable amount of precision and collaboration between all members of the construction and design team. The amphitheater features a performance area with shaded seating for 200 to 300 people, dressing rooms, restrooms and landscape amenities that include a gabion wall and a decomposed rock walkway.

The facility's postmodern design was inspired by the ball court at the Wupatki National

Monument near Flagstaff as well by the region's red earth, cliffs and blue sky.

The canopy reaches over a portion of lawn seating to support a structure of small oxidized steel piping while blending into the surrounding mountain colors. A specific challenge was keeping the project within its \$1.2-million budget.

The design was originally mocked up using 4D modeling and Revit.



BARBARA ANTONSEN MEMORIAL PARK

Sedona, Ariz.

AWARD OF MERIT

OWNER/DEVELOPER: City of Sedona

LEAD DESIGN FIRM/CIVIL ENGINEER: Westlake Reed Leskosky

GENERAL CONTRACTOR: Loven Contracting

STRUCTURAL/MEP ENGINEER: Shephard Wesnitzer

LANDSCAPE CONSULTANT: Richard S. Hubbell & Associates