



## **2011 AON Build America Merit Award Winners**

### ***Building Renovation***

#### **O.C. tanner Flagship Store Renovation**

Salt Lake City, UT

*Big-D Construction*

The O.C. Tanner Flagship Store Renovation project required three stories and 20,000 square feet to be removed, rebuilt, repaired and refurbished. As a result, Big-D was able to preserve the landmark limestone and unique window designs while building a brand new structure and incorporating contemporary design elements. Even though the construction team was required by the city to work during limited hours, the project was completed six months ahead of schedule and without any lost time accidents.

### ***Construction Management Renovation***

#### **Fort Worth Museum of Science and History**

Fort Worth, TX

*Linbeck Group, LLC*

The renovated Fort Worth Museum of Science and History is a 166,000 square-foot iconic building that includes four unique structures; the domed Noble Planetarium; the cantilevered energy gallery roof; the Urban Lantern main entrance tower; and an OMNI theater. Despite a multitude of changes, the project was completed within the originally planned 22-month duration.

### ***Construction Management Renovation***

#### **New Arrowhead Stadium**

Kansas City, MO

*Turner Construction*

The New Arrowhead Stadium is a \$315 million dollar expansion and renovation of a 35-year-old NFL football stadium for the Kansas City Chiefs. Turner Construction managed more than 200 prime contractors, sub-contractors and suppliers while working on more than one million square feet of new and renovated space, without disrupting football operations. Every phase of the project was completed ahead of the original schedule, and the stadium was delivered under budget, allowing the owner to provide extra fan amenities.

### ***Design-Build New***

#### **U.S. Department of Energy's Research Support Facility at the National renewable Energy Laboratory**

Golden, CO

*Haselden Construction, LLC*

The National Renewable Energy Laboratory, which won merit recognition for new design-build project, is a 222,000 square foot research facility in Golden, Colo. built with regional and local sustainable materials. For example, over three hundred pine trees, devastated by the mountain pine beetle epidemic, were expertly milled and kiln dried to accentuate the two-story lobby walls. The facility integrates an array of energy-efficient features, including maximized day lighting, operable windows, thermal mass, natural ventilation, triple-pane glazing, and radiant heating and cooling. Not only is the research facility designed to meet Leadership in Energy and Environmental Design (LEED) Platinum rating, it is also on course to be the first net-zero energy building of its kind.

### ***Federal & Heavy Renovation***

#### **Odd Fellows Hall**

Salt Lake City, UT

*Emmert International*

The Odd Fellows Hall renovation project required the Emmert team to use 55 custom designed hydraulic dollies as well as five specialized beams to lift the building. The hall, originally built in 1893, was recycled in its entirety allowing the team to preserve the historical building and keep unnecessary debris out of landfills by recycling all reusable material.

### ***Highway & Transportation Under \$10 million Renovation***

#### **Tucson-Ajo Highway (SR 86)**

Pima County, AZ

*Combs Construction Company*

The Tucson-Ajo Highway project consisted of widening approximately four miles of shoulders on both sides of the road. It also included adding turn lanes to a rural section of the roadway along State Route 86 in Southern Arizona, located entirely within the Tohono O'odham Reservation. Thanks to the great relationship the Combs team created with the Tohono Nation, the project was completed under budget and without any resolved issues.

### ***Highway & Transportation Renovation***

#### **San Francisco-Oakland Bay Bridge (SFOBB) Temporary Bypass Detour**

San Francisco, CA

*C.C. Myers, Inc.*

The Temporary Bypass project required constructing five spans of double deck truss bridges to be placed 150 feet in the air, each spanning about 250 feet and carrying five lanes of traffic in both directions on two levels of bridge decks. There were two segments to this project and both required work to be completed quickly to limit traffic impact for a bridge that currently carries 280,000 vehicles each weekday. The first segment finished 11 hours ahead of schedule and the second segment required a total of 12,618 hours to be completed on a 24-hour-per-day schedule over four and half days.

### ***Municipal & Utilities New***

#### **Elwha Water Facilities**

Olympic National Park, WA

*Watts-DelHur A JV*

The Elwha Water Facilities consisted of four projects consolidated into one: the Elwha River Levee improvements, the Elwha Surface Water Intake, the Elwha Water Treatment Plant and the Crown Z Road improvements. All the projects were constructed at one time while an adjacent bridge under construction over the Elwha River limited access to the site. The Watts-DelHur team completed the project approximately one year ahead of schedule.