2019 Owners’ Project Excellence Awards

October 24, 2019
The Grand
4101 E. Willow Street
Long Beach, CA
With a goal to educate and inform its membership, Western Council of Construction Consumers developed this project awards program to recognize improvement and excellence in design, engineering and construction of quality, cost-effective projects.

The projects submitted demonstrate effective execution; strategies to meet challenges and improve the process; and successful management of relationships between the owner, the contractors and other service providers.

To qualify, construction must be substantially completed before January 1st of the submission year. Because Western Council believes that “outstanding performance” can only be achieved when accompanied by superior safety, projects with poor safety performance are not considered for awards.

Whether new construction, renovation, seismic retrofit, modernization, or stabilization, the project categories are: Buildings, Infrastructure, Utilities, Advanced Technologies, Industrial Process/Manufacturing, and Open.

**PROJECT AWARD STATUS DESCRIPTIONS:**

**Chairman’s Award:** This unique project meets all criteria and stands out as exemplary.

**Distinguished:** Achieved all objective criteria of schedule, budget, quality and aesthetics, plus an extraordinary safety record.

**Exceptional:** Achieved a substantial number of the objective criteria.

**Outstanding:** Achieved significant number of objectives with noteworthy accomplishments.

**Significant:** Achieved unique or significant objectives.

**Notable:** Not all criteria were met, but project has noteworthy elements.

**DISTINCTION AWARDS:** High sustainability, significant energy savings; meet/exceed high LEED requirements and/or use of innovative/creative approaches to sustainability needs merits a Sustainability Excellence Award.

New, unique, and/or innovative solutions to any of many common construction issues merits an Innovative Project Solutions Award.

As our name suggests, construction projects are the primary business of our organization. Finding ways to execute them safely, on time, and cost effectively is our collective mission. Recognizing creativity and innovation transforming the industry, instructs and encourages us to pursue excellence.

Owners’ Project Excellence Awards honor projects, and those dedicating their talent and energy to finding better ways to add value to capital programs. It is especially important to honor those who maintain the highest standards of our industry.

Nominations are solicited from Western Council Membership for outstanding projects substantially completed in 2018. An experienced judging team evaluates them by high Council standards.

In this 23rd year, we are again encouraged to see both infrastructure and buildings. We hope you find ideas to apply to your future projects - a key reason for this program - to educate, inspire and improve the construction industry.

We will also present Sustainability Excellence and Innovative Project Solutions distinction awards.

These projects highlight problem solving, creative solutions, teamwork, sustainability, and added value. Western Council encourages these industry trends which bode well for future projects.

Think about projects you are completing this year that you can submit for awards in 2020.

**Not yet a member? Join now!**

Thank you for joining us in honoring these projects today.

**Andy Wiktorowicz, PE**

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Thank you 2019 Awards Judges: Dylan Paul, Phil Kirby, Larry Eisenberg, David Jackson, Jim Peterson, Mark Stapke, and Andy Wiktorowicz.

Photographer: Melanie Nelson

Printer: Alpha Printing www.alphaprintingla.com
This project entailed re-aligning roadway, and constructing outside shoulders and three wildlife crossings on SR-138 from 1.9 miles east of Interstate 15 to .1 mile west of Post Office Road. Existing configuration had numerous non-standard horizontal and vertical curves, grades as steep as 15%, and varied from 21- to 28-feet wide, with no paved shoulders and very little earth shoulders. Also, the Blue Cut Fire had consumed much of the natural vegetation, resulting in increased stormwater run on. To work with the challenging terrain, the Resident Engineer developed a solution with the contractor to utilize temporary drainage pipes to access the cut slopes or embankment fill and using a concise staging plan, when it was time to place roadway and bridge soffit fill, all of which allowed the project to realize without delays.

Owner: California Department of Transportation, District 8

Construction Manager: Hill International, Inc.

Designer: Caltrans

Engineer: Caltrans

General Contractor: Skanska

Infrastructure - Restoration

Original Budget: $22.5 million

Capital Cost: $22.5 million

Start Date: 9/1/2016

Completion: 10/1/2018

Safety:

No recordable incidences or lost work time injuries occurred on this project

Sustainability Excellence Award
In 1961, the Royal Palm Fire Station was the first fire station constructed to serve the City of Costa Mesa. The existing 9,000-square-foot facility had foundation problems, structural issues, failed to provide efficient multi-gender accommodations, and no longer met the current construction codes. The brand new 11,740-square-foot station is architecturally significant, addresses all of the structural and operational issues, and is referred to by both City and fire officials as a “community flagship.” The project features a three bay, double-deep fire apparatus room; hose drying tower; public lobby and meeting space; emergency generator, fuel storage; and secured fire fighter parking. Built to meet LEED Gold, it exceeds State of California Title 24 Energy Code requirements by at least 15%.

Owner: City of Costa Mesa
Designer (A/E): WLC Architects
Construction Manager: Kitchell
Design-Builder: Horizons Construction Co.
Structural Steel: AAF Structural Steel
Electrical: Avram Electric
Alarm: ICS – Intercom Clock & Signal Service
Fire Sprinklers: Baseline Fire Protection, Inc.
Fuel Storage: Makai Solutions
Casework: Bristol Omega, Inc.
Roofing: Rite Way Roof Corp.
Masonry: Majestic Masonry, Inc.

Buildings - New
Original Budget: $7,767,000
Capital Cost: $7,317,000
Start Date: January 3, 2018
Completion: Substantially completed by December 31, 2018
Safety: No lost work time injuries.

Sustainability Excellence Award  Innovative Project Solutions Award
The Beacon Battery Energy Storage System (BESS) project was the first grid scale BESS constructed for Los Angeles Department of Water and Power (LADWP). BESS is helping with the integration of 795 MW of LADWP renewable solar and wind power generation assets connected to the Beacon Solar Plant AC Station and the Barren Ridge Switching Station. BESS provides the capability to offset reactive power issues, offset delivery times for solar generated energy, and allow for controlled energy dispatch into the LADWP electrical transmission network. The Beacon BESS provides resiliency and reliability to LADWP’s electrical system grid, and allows for greater utilization of key renewable energy assets, that are connected to LADWP’s largest renewable energy corridor. The Beacon BESS reached commercial operation 10/12/18 and is in service.

Owner: Los Angeles Department of Water & Power
Designer: Los Angeles Department of Water & Power
Construction Manager: Los Angeles Department of Water & Power
Project Manager: Los Angeles Department of Water & Power
Constructor: Doosan GridTech and KTY Engineering
Key Subcontractors: Sabre Industries  
Samsung  
SMA America

Infrastructure - New
Original Budget: $86,000,000
Capital Cost: $102,000,000
Start Date: November 26, 2013
Completion: October 12, 2018
Safety: No recordable incidences or lost work time injuries occurred on this project

Sustainability Excellence Award  Innovative Project Solutions Award
Slauson Overhill Façade Improvement

By partnering with the community, the Los Angeles Neighborhood Initiative and project team collaboratively transformed the building facades consisting of 7 businesses at the Northwest intersection of Slauson and Overhill in South Los Angeles.

The parking lot was brought up to ADA standards, a significant permitting challenge, because the lot straddles both City and County lines.

The entire property was transformed into a colorful and inviting business corridor that compliments the original art deco architecture and catches the eye of vehicular and pedestrian travelers, which has resulted in a boost in customers and sales, and garnered praise from the community.

Owner: Los Angeles Neighborhood Initiative
Key Stakeholder: City of Los Angeles Council District 8
Architect / Engineer: RRM Group
Construction Manager: Berg & Associates, Inc.
Builder: Axiom Group

Buildings - Restoration/Renovation
Budget: $457,540
Capital Cost: $457,540
Start: April 20, 2015
Completion: December 31, 2018
Safety Record:
No Recordable or Lost Time Incidents on this project
The Tujunga Spreading Grounds Enhancement Project renovated the existing 150-acre facility to maximize the stormwater capture and infiltration capacities for groundwater replenishment. The Project consolidated twenty existing spreading basins into nine larger basins to increase the storage from 100 to 885 acre-feet. The improvements doubled the average stormwater recharge capacity to 16,000 acre-feet per year.

Phase 1 - Basin Enhancements was substantially completed in 2018. A one-mile long emission-free electric conveyor belt system transported over 1.6 million tons of excavated material off site eliminating the need for 120,000 disposal truck trips, thus mitigating traffic, emissions, noise, and dust impacts.

**Owner and Project Manager:** Los Angeles Department of Water & Power  
**Designer/Engineer and Construction Manager:** Los Angeles County Flood Control District  
**Constructor:** W.A. Rasic Construction  
**Pipe Jacking:** Pipe Jacking Unlimited, Inc. and Golden State Boring & Pipe Jacking, Inc.  
**Access Road Asphalt:** All-American Asphalt  
**Concrete Structures:** L N A Concrete Structures, Inc.  
**Electrical:** High-Light Electric, Inc.  
**Rebar:** CMC Steel  
**Rip Rap:** ROCK Structures  
**CL Fencing:** Alcom Fence

**Infrastructure - Renovation**  
**Original Budget:** $23,311,480  
**Capital Cost:** $28,960,000  
**Start Date:** July 20, 2016  
**Completion:** Substantially complete December 15, 2018  
**Safety:** No Recordable or Lost Time Incidents on this project

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**Sustainability Excellence Award**  
**Innovative Project Solutions Award**
Thank you Western Council of Construction Consumers for the honors

Owners’ Project Excellence Award Winners

Beacon Solar & Energy Storage

- A grid-scale 20 megawatt system integrating 795 MW of solar and wind power generation with the Beacon Solar Plant and the Barren Ridge Switching Station.

- Added grid resiliency and reliability allowing for improved use of renewable energy assets.

Tujunga Spreading Grounds Enhancement

- $50 million renovation to double annual stormwater capture capacity to approximately 5.2 billion gallons to replenish the local groundwater supply, improve river and ocean water quality, and mitigate flooding.

- Used emission-less electric conveyor system to transport 1.6 million tons of excavated soil off-site, removing the need for 120,000 truck trips and reducing traffic, air, and noise impacts to the community.