ACEC

American Council of Engineering Companies

2016 Engineering Excellence Awards

Gala Evening

Tuesday, April 19, 2016
Marriott Wardman Park
Washington, D.C.

Special Thanks

ACEC thanks the following companies for their generous sponsorship and support of the 2016 Engineering Excellence Awards.

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WSP | Parsons Brinckerhoff

Welcome to the
2016 Engineering Excellence Awards Gala

We hope you enjoy this celebration of the year's best engineering achievements.

A distinguished panel of judges representing a variety of professions have selected this year's best engineering achievements using criteria such as uniqueness and originality, and technical, economic and social value. These awards affirm the vital role that ACEC member firms play in enhancing the quality of life and security of America and the world.

Gala Evening

April 19, 2016

Honorary Chairs

The Honorable James M. Inhofe
U.S. Senate

The Honorable Barbara Boxer
U.S. Senate

The Honorable Bill Shuster
U.S. House of Representatives

The Honorable Peter A. DeFazio
U.S. House of Representatives

Welcome

ACEC President – David A. Raymond

Presentation of the Colors

U.S. Joint Armed Forces Color Guard

National Anthem

Anne Albright and Sarah Pramstaller

National Recognition Awards Tribute

ACEC Chairman – Ralph W. Christie, Jr.

Dinner

National Awards Presentation

Master of Ceremonies – Rex Havens

Menu

Seared Crab Cake
Spicy Creamed Corn

* * *

Filet Mignon & Seared Scallops
Port Wine Reduction and Lemon Pepper Coulis

* * *

Hazelnut Gianduja Lava Cake
With Cappuccino Ice Cream

* * *

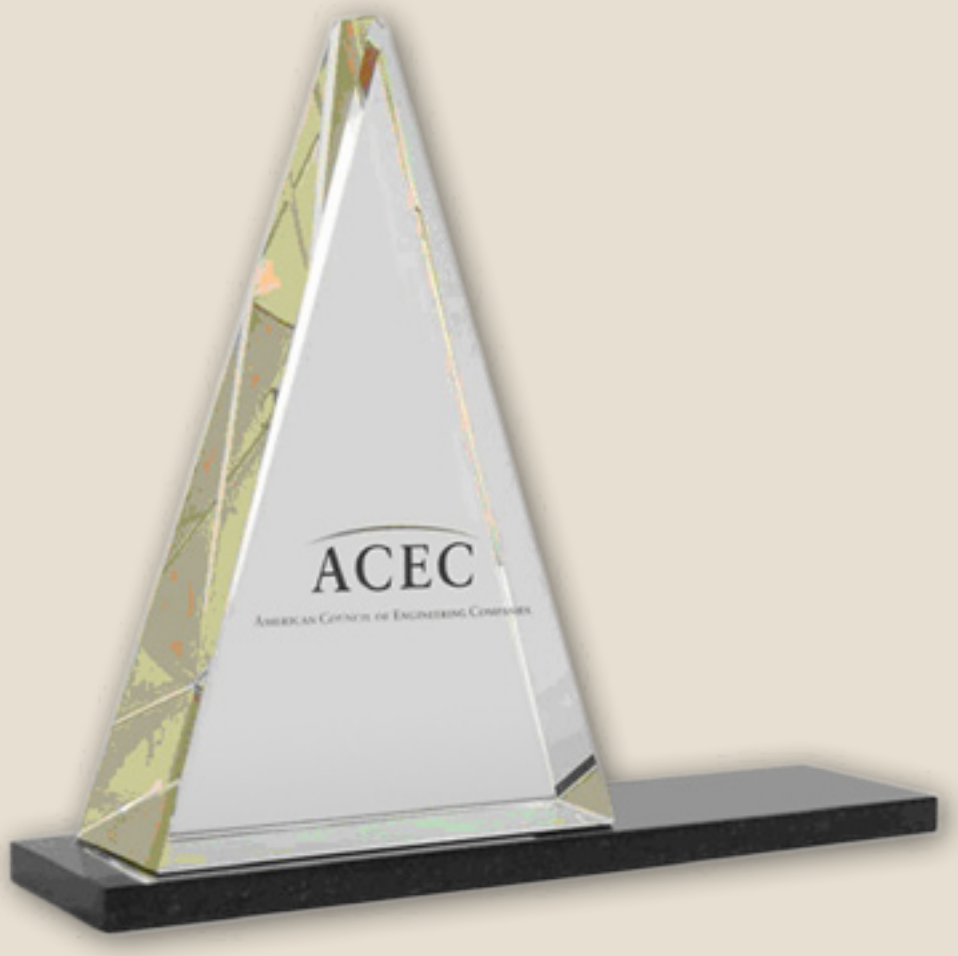
Estancia Pinnacle Ranches Chardonnay, California

Estancia Paso Robles Cabernet Sauvignon, California

* * *

A vegetarian option is available upon request to your server.

Grand Conceptor Award



The winner of the 2016 Grand Conceptor Award for the best engineering achievement of the year will be selected from one of the eight Grand Award recipients and announced on stage at tonight's gala.

The 606, Chicago, IL

Collins Engineers, Inc. & TranSystems, Chicago, IL

Grand Award

Creative engineering transformed a century-old artifact of Chicago's industrial heritage into the nation's longest elevated park. The project team repurposed unused 20th century rail infrastructure for 21st century needs to create six ground-level parks connected by a 2.7-mile-long elevated multi-use path. The project features innovative geometric path design and rehabilitation for thirty-eight bridges. It also included six miles of new retaining walls, six new access ramps, and drainage and hydrology for the new trail and park system. With multiple access points, elevation above city traffic, and a park environment, The 606—named for the first three digits shared by all Chicago zip codes—enhances the social and economic vitality of the surrounding neighborhoods.

WaterHub at Emory, Atlanta, GA

McKim & Creed, Raleigh, NC

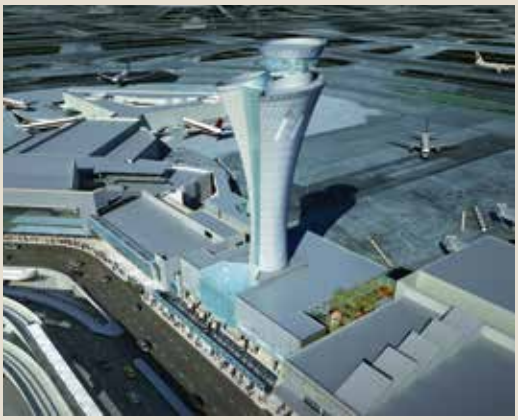
Grand Award

A beautiful greenhouse surrounded by artful landscaping in a university setting doubles as a revolutionary water reclamation and reuse facility. To mitigate numerous university water supply challenges, the project team customized an ecological water and reuse system that is the first of its kind in North America. The system comprises an "upper site" containing a 3,000-square-foot low energy/high efficiency glasshouse with an odorless hydroponic treatment system, and a "lower site" containing seven concrete processing tanks up to 25 feet underground topped by ornamental landscaping. The system treats up to 400,000 gallons daily, recycling the equivalent of two-thirds of the university's wastewater production for campus heating and cooling, and significantly reducing the campus water usage. Over the past year, the university has saved 30 million gallons of potable water, and is expected to save millions of dollars in water utility costs over a 20-year period.

Air Traffic Control Tower & Integrated Facility, San Francisco, CA

Walter P Moore, San Francisco, CA

Grand Award



The new air traffic control tower for the nation's seventh busiest airport features pioneering seismic engineering that provides both toppling resistance and self-centering capability for earthquakes. The previous tower was temporarily knocked out of commission in 1989 during the 6.9 magnitude Loma Prieta earthquake compromising air safety. With the San Francisco airport situated just four miles from the San Andreas Fault, the 231-foot-tall tower features a reinforced concrete core cylinder with vertical post-tensioning that can withstand a 7.5 magnitude earthquake. When seismic forces cause the core to bend, the post-tensioning strands respond by applying a clamping force to restore the tower to its initial position. The tower design also uses a tuned mass damping system to limit sway of the slender tower during high winds common in the region.

Manhattan Bridge Rehabilitation of Cables and Suspenders, New York, NY

Weidlinger Associates, Inc., New York, NY

Grand Award

Innovative engineering produced a more reliable and efficient method to rehabilitate old and corroded cables and suspender ropes on suspension bridges. Tasked with replacing the Manhattan Bridge's 1,256 suspender ropes—many 65 to 80 years old with substantial deterioration—the project team used advanced vibrational testing to determine rope tension. They then cleaned and re-wrapped main cables with an elastomeric membrane to resist water, chemicals, temperature extremes and ultraviolet light. The rehabilitation was performed without any noticeable impact on traffic which averages more than 500,000 commuters a day. The new process is expected to become a standard tool for suspension bridge cable maintenance throughout the nation.

No. 7 Line Subway Extension, New York, NY

WSP | Parsons Brinckerhoff, New York, NY

Grand Award

Resourceful engineering delivered a new subway extension and state-of-the-art station into the congested landscape of Midtown Manhattan's Far Westside. The $2.4 billion, 1.5-mile extension of New York City Transit's No. 7 Line from Times Square was designed to support the rapidly developing Hudson Yards area. The project team used innovative ground freezing technology to improve tunnel boring through mixed-wet soil and loose rocks. The project includes the strikingly modern 34th Street-Hudson Yards Station which maximizes natural ventilation and daylight, reduces reliance on non-renewable energy sources and contains a 36-foot-wide platform—the widest column-free platform in the New York City subway system. The subway extension serves as a model of how to develop ultramodern rail infrastructure within a tight urban setting.

Biosolids Management Program, Washington, DC

CDM Smith, Fairfax, VA

Grand Award

Trailblazing upgrades to a wastewater treatment plant now allow recovery of both energy and nutrients from wastewater, while at the same time reducing operating costs. Enhancements to the District of Columbia's advanced water treatment plant, which serves more than two million residents, included installation of four 3.8-mgal anaerobic digesters and the world's largest Cambi thermal hydrolysis process (THP) system, which produces Class A biosolids for reuse, as well as biogas for plant operation heat and power. The new system has already reduced truck disposal of biosolids by half, while generating approximately 10 megawatts of electricity—sufficient to meet one-third of the facility's demand.

Harnessing Geothermal Power for Airports, Maine, NY

McFarland-Johnson, Binghamton, NY

Grand Award

A unique collaboration with Binghamton University students produced a first-of-its-kind, geothermal snow-melt system for airport aprons. Airports have long sought a more efficient method of snow and ice removal—salt can't be used because it's too corrosive to aluminum aircraft, and sand can damage aircraft engines. The solution was an innovative system of geothermal pumps and underground tubing that produces radiant heat, while reducing labor and operating costs and providing abundant snow melting capability. The project team had to find the optimal balance between geothermal heating efficiency and the thickness of the apron's concrete slab and its ability to withstand aircraft weight. The project reduces snow removal time, lessens travel disruptions and improves passenger safety.

Rehabilitation of Gilboa Dam, Gilboa, NY

Gannett Fleming/Hazen and Sawyer (Joint Venture), New York, NY

Grand Award

Inventive engineering achieved a successful renovation of the 90-year-old Gilboa Dam, located in the Catskill Mountains and providing about 14 percent of the water supply for more than nine million residents in New York City and upstate communities. The rehabilitation used cutting-edge rock anchor technology to redesign the dam's spillway. A creative snowpack offset system to capture snowmelt—a frequent cause of regional flooding—was incorporated to protect more than 8,000 downstream residents. Delivering 1.2 billion gallons of water per day, the dam is part of the largest gravity-fed, unfiltered water supply system in the world.

Florida Onsite Wastewater Nitrogen Reduction Strategies, Tallahassee, FL

Hazen and Sawyer, Tampa, FL

Honor Award

Using groundbreaking research, the project team developed a unique and powerful nitrogen reduction system specifically for small-scale onsite wastewater systems (OWS)—commonly known as septic systems. Florida's more than 2.7 million OWS are seen as significant contributors to excess nitrogen in the state's watersheds, triggering significant water quality issues. The project team conducted extensive testing to create unique passive nitrogen reduction systems (PNRS) specifically for OWS. Full-scale prototype PNRS consistently removed over 95 percent of influent wastewater nitrogen, at a significantly less cost per pound than currently available treatment technologies. This innovative technology redefines the role of OWS and can be a permanent wastewater management solution in nitrogen sensitive watersheds.

Aspen Art Museum, Aspen, CO

KL&A, Inc., Golden, CO

Honor Award

A strikingly imaginative use of wood in its structural design is a prominent feature of the new Aspen Art Museum. Designed by Pritzker Prize winning architect Shigeru Ban, the 33,000-square-foot museum features a unique display of wood in form, fabrication and construction. The project team incorporated spruce and micro-laminated birch plywood, optimizing wood grain direction to relieve local stresses. The building's signature is the roof structure – a space frame laid out on a four-foot grid – that features curving wood members, undulating up and down between straight chords with minimal touch between the elements, and with no steel components of any kind. Structural connections are almost entirely fully-threaded wood screws. The museum's imaginative geometry and materials represent a showpiece for the potential of wood in structural construction.

Fish Lift System for Lake Sturgeon Passage, Menominee, MI

Kleinschmidt Associates, Pittsfield, ME

Honor Award

The nation's first fish lift for lake sturgeon restores access for the threatened species to a spawning habitat previously blocked by the hydroelectric Menominee Dam. The project team redesigned an unused portion of the dam into a 34-foot-steel tower with an entrance channel for collection of fish. A steel hopper lifts the fish to a floor where they are discharged into a sorting tank and held for truck transport to upstream spawning areas. The new fish lift enables lake sturgeon to access 21 miles of river previously blocked by the dam. The design also includes a state-of-the-art sorting facility enabling monitoring of desired fish, removal of invasive species, stopping the passage of harmful pathogens upriver, and the return of non-targeted species downstream.

The Willow School: Health, Wellness & Nutrition Center, Gladstone, NJ

Loring Consulting Engineers, Inc., Princeton, NJ

Honor Award

A new 22,000-square-foot education center sets new standards as the first U.S. education building to achieve both LEED Platinum and Living Building Challenge certifications. Numerous energy-saving processes combined with a 160kW roof-mounted photovoltaic system allow the facility to produce more power than it uses, with the excess energy fed back the electric utility grid. Newly constructed wetlands clean and filter wastewater before returning it to the aquifer for recharge. Rainwater is reclaimed for use in bathrooms and to irrigate the building's gardens. The facility is a model for future institutional projects seeking similar sustainability goals.

Bay Tunnel, Menlo Park to Newark, CA

McMillen Jacobs Associates, San Francisco, CA

Honor Award

A new tunnel under the San Francisco Bay provides a much-needed upgrade to the regional water supply system originating from Yosemite National Park that serves 2.6 million customers. The five-mile tunnel replaces an aging water pipeline infrastructure built in the 1920s. The project team overcame challenges of tunneling through unstable sandy/silty soils and near underground structures sensitive to ground disturbances. Situated between two major faults and considered a critical lifeline facility, the tunnel is designed to be operational within 24 hours following a major earthquake. The first-of-its-kind tunnel stands as an exemplar for future water system upgrade projects.

Manchester Stormwater Park, Manchester, WA

Parametrix, Seattle, WA

Honor Award

A previously abandoned brownfield now doubles as an aesthetically pleasing recreation site and a revolutionary stormwater management system that eliminates heavy winter rain flooding. As the Puget Sound area's first stormwater park, and one of only a few such combined water treatment/recreation facilities in the U.S., the park treats stormwater from roads, parking lots, and commercial and residential areas through a scientific calibration of soil and plants. Stormwater is channeled to the new park through distribution channels positioned to evenly deliver the water onto treatment beds. The beds' filter media, and plants clean the runoff using filtration and absorption. The treatment cells are designed to treat flow magnitudes well over 2,000 GPM and remove at least 91 percent of pollutants from runoff before it reaches Puget Sound.

Target field Station, Minneapolis, MN

Short Elliott Hendrickson Inc., St. Paul, MN

Honor Award

A new world-class, multimodal transit center in the heart of downtown Minneapolis sets new standards for sustainability. In addition to housing an elevated light rail, a promenade, and two levels of public plaza, the LEED-certified project features the first-ever, year-round stormwater and snowmelt runoff capture and reuse system in Minnesota. The system diverts snowmelt and stormwater runoff from the upper level plazas, green roofs and light rail station into large cisterns and then routes it to a nearby waste-to-energy facility for treatment and reuse in a variety of industrial processes. Combined with tree trenches, landscaped bio retention planters and two large green roofs, the system captures and reuses approximately three million gallons of stormwater runoff per year.

I-485/I-85 Interchange Design-Build, Charlotte, NC

STV, New York, NY

Honor Award

Innovative renovations to a major traffic interchange improved access, efficiency and motorist safety, while also saving more than $30 million in projected costs. To incorporate much needed changes to the existing I-485/I-85 interchange—part of the I-485 Outer Loop of Charlotte, NC—the project team incorporated a rare "turbine" interchange design to replace the previous four-level structure. The design features circular lanes that take left-turning traffic around a central bridge. The project required widening two miles of I-85 to accommodate additional ramp lanes, widening/construction of 1.4 miles of I-485, and construction of eight ramps/loops and 18 precast concrete girder bridges for the interchange. This unique design has made the Outer Loop a safer and more accessible thoroughfare for 180,000 daily motorists.

Port Mann Bridge Highway 1 Improvement, Vancouver, B.C.

T.Y. Lin International, Olympia, WA

Honor Award

The new Port Mann Bridge in Vancouver, British Columbia is North America's second-longest cable-stayed bridge, and one of the world's widest, with a 170-foot wide deck and ten lanes, replacing the previous, five-lane bridge. The 2,700 foot-long bridge features two distinctive, 530-foot-tall single mast concrete towers. There is also a multi-use path for pedestrians and cyclists. The new bridge reduces motorist travel time by more than 50 percent. The new bridge also enables Vancouver to realize the full benefits of a state-of-the-art structure that doubles traffic capacity, and meets the most stringent seismic criteria.

IH 635/The LBJ Managed Lanes, Dallas, TX

Bridgefarmer & Associates, Inc., Dallas, TX

Honor Award

Imaginative geometric engineering doubled the capacity of the third most congested highway in Texas, while adhering to mandates not to exceed the corridor's current dimensions. To increase capacity of the 270,000-vehicles-per-day highway corridor, the project team designed new general purpose lanes as bridges that partially cantilever over managed lanes supported by a column at the center median. Additionally, the project team reconstructed the freeway's eight existing general purpose lanes, and added six new managed (tolled) depressed lanes below in an excavated trench section—an alternative which saved the project over $400 million. Completed under strict construction limitations, the project is a testament to transportation engineering ingenuity.

Tilikum Crossing, Bridge of the People, Portland, OR

T.Y. Lin International and HNTB Corporation, Olympia, WA

Honor Award

Spanning Portland's Willamette River, the new bridge is the nation's largest transit-only bridge and addresses the region's escalating traffic congestion. Located in a high seismic region, the 1,720-foot-long, three-span superstructure features two landside piers, two in-water piers, and two dramatic, 180 foot-tall pentagonal-shaped stay-cable towers. A 31-foot-wide transit way between the tower legs accommodates two lanes of transit track and two 14-foot-wide multi-use paths for pedestrians and cyclists. Scenic enhancements include concrete finished in artistic, complex shapes and angles, and an innovative "mood" lighting system that changes colors based on daylight, the river's speed, height, discharge rate, and water temperature.

CREATE P1-Englewood Flyover, Chicago, IL

TranSystems/Benesch, Schaumburg, IL

Honor Award

Innovative transportation engineering alleviated major congestion at a rail-to-rail intersection, dramatically improving safety and air quality. Often compared to a crossing of two interstate highways using a stop sign, the rail intersection each day handles 80 commuter trains, 46 freight trains and 14 Amtrak passenger trains. The project team's solution was to incorporate a grade separation featuring a pioneering railroad flyover. The 2,150-foot-long, 26 span flyover includes new bridges over five city streets, removal and closure of two viaducts, and construction of over 3,000 feet of retaining walls. The project also required adjusting a 1.2-million-pound bridge by jacking it up three feet on the north end and eight inches on the south end to be set on a new gradient without affecting the integrity of the structure.

Bay Bridge Cable Dehumidification, Anne Arundel, Queen Anne (MD) Counties

AECOM, Baltimore, MD

Honor Award

Groundbreaking engineering created a new cable dehumidifying system to address dangerous corrosion on suspension bridge cables. The first-ever application on a North American bridge, the project team designed a dehumidification system for Maryland's Bay Bridge which rises 186 feet over the Chesapeake Bay. The system continuously injects dry air into the bridge's main support cables to remove built-up moisture and maintain a dry, non-corrosive environment. More than 750 gallons of water were removed from cables on the westbound bridge and over 100 gallons from the eastbound bridge. The success of this system has prompted several other similar cable dehumidification projects nationwide.

Bruce C. Bolling Building, Boston, MA

Arup, Cambridge, MA

Honor Award

Imaginative engineering was used in a new state-of-the-art, 215,000-sqaure-foot headquarters for Boston Public Schools. To incorporate the character of the historic but severely deteriorated buildings it replaced, the project team completely removed the interiors to create new floor plates, leaving only the existing walls. Historic facade skins were secured with epoxy anchors and connections to supporting steel as new construction occurred. The completed new headquarters includes a green roof, glazed exterior walls to allow ample light, daylight sensors to calibrate lighting, along with state-of-the-art office, retail, civic spaces, and community meeting areas and stands as an example of how new development can maintain a region's rich culture and history.

Daniel K. Inouye Fighter Squadron Operations Aircraft Maintenance Facility, Joint Base Pearl Harbor-Hickam, HI

Burns and McDonnell, Honolulu, HI

Honor Award

A new ultramodern aircraft squadron maintenance facility provides state-of-the-art service for the world's only active fifth-generation fighter. A model of sustainability, it is only the second LEED Platinum-certified U.S. military hangar. Innovative systems reduce net energy savings 75 percent and water consumption by nearly 50 percent. Solar power generated through roof-mounted photovoltaic cells and parking canopy offset electrical costs by 60 percent. The hangar provides a column free, space-saving tail-to-tail aircraft configuration with vertical lifting doors featuring translucent panels to maximize daylight. With constrained federal budgets and increasing energy costs, the project is a model for reducing costs and enhancing performance at federal facilities.

State-of-the-Art Nitrogen Upgrade Program, Alexandria, VA

CH2M, Herndon, VA

Honor Award

Revolutionary water treatment plant upgrades now allow effective nitrogen removal from wastewater to meet new and stringent nutrient limits designed to protect the Potomac River and Chesapeake Bay. To adhere to new discharge restrictions, the project team designed an 18-million-gallon nitrogen maintenance facility featuring emerging deammonification technology for enhanced biological process capacity. The project team creatively located the facility's process piping, tankage, equipment and other project components underground, and disguised the underground structure with a public-use athletic field. The utility is the first in the U.S. to implement a full-scale mainstream deammonification system, and the first utility in the world to use this technology to meet such strict low nitrogen limits.

National Recognition Awards

ACEC/ALABAMA

Barge, Waggoner, Sumner & Cannon, Inc.
Carpenter Technology Specialty Steel Mill

Consulting Construction Engineering
"Off the Grid" Analysis of Sustainable Energy Design and Application

Krebs Engineering, Inc.
Biosolids Improvements for Energy Recovery

Whorton Engineering, Inc.
Live Fire Shoot House

ACEC/ALASKA

Hanson Professional Services, Inc.
Glenn Highway Capacity Improvements

ACEC/ARIZONA

AECOM
La Cholla Boulevard: Magee Road to Overton Road

ACEC/CALIFORNIA

AECOM
Urban Levee Evaluation Project

Cornerstone Structural Engineering Group, Inc.
R. B. Oliver Bridge Replacement

Cornerstone Structural Engineering Group, Inc.
San Francisco Zoo - South American Rain Forest Exhibit

HNTB Corporation
Levi's Stadium

Mark Thomas & Company, Inc.
I-280/I-880/Stevens Creek Boulevard Interchange

McMillen Jacobs Associates
Bay Tunnel

STV
South Bay Bus Maintenance Facility Expansion

Walter P Moore
SFO Air Traffic Control Tower & Integrated Facility

ACEC/COLORADO

CTL / Thompson, Inc.
The Regency Athletic Complex at MSU Denver

KL&A, Inc.
Aspen Art Museum

Merrick & Company
New Crude Distillation Unit

Merrick & Company
Data Fusion Predicts Habitat Quality

Olsson Associates
Aerial Survey of Kokopelli Trail

RMG-Rocky Mountain Group
Broadmoor Cloud Camp

ACEC/CONNECTICUT

Michael Baker International, Inc.
CTfastrak Bus Rapid Transit System

Urban Engineers, Inc.
Complete Streets Master Plan for Downtown New Britain

Wright-Pierce
Water Pollution Control Facilities Upgrade

ACEC/FLORIDA

CH2M and King Engineering Associates, Inc.
Northwest Solid Waste Transfer Station

Finley Engineering Group, Inc.
Section 5 Palmetto SR 826/836 Interchange

Hazen and Sawyer
Onsite Wastewater Nitrogen Reduction Strategies

HNTB Corporation
SunRail Phase 1

Kimley-Horn and Associates, Inc.
Tallhassee Regional Transportation Management Center

Walter P Moore
Citrus Bowl Transformation

ACEC/GEORGIA

Walter P Moore
National Center for Civil and Human Rights

ACEC/HAWAII

Burns & McDonnell
Daniel K. Inouye Fighter Squadron Aircraft Maintenance Facility

Burns & McDonnell
SPIDERS Phase III

Yogi Kwong Engineers
Stream Bank Bluff Protection and Stabilization

ACEC/ILLINOIS

Benesch
Rollins Road Gateway

Collins Engineers, Inc./TranSystems Corp.
The 606

exp
O'Hare South Air Traffic Control Tower

Greeley and Hansen
New UV Water Treatment System

CWC Transit Group— Jacobs Engineering Group Inc./CDM Smith/Wight & Company
Red/Purple Modernization Corridor Program

Thouvenot, Wade & Moerchen, Inc.
First IL Diverging Diamond Interchange, Marion

TranSystems/Benesch
CREATE P1 - Englewood Flyover

ACEC/INDIANA

Commonwealth Engineers, Inc.
Richmond East Side Interceptor Replacement Phase III

ACEC/IOWA

Burns & McDonnell
Ottumwa Tier 1 Project

Stanley Consultants, Inc.
Credit Island Lodge Reconstruction

WHKS & Co.
US 34 Ramp Bridge Emergency Repair

ACEC/KANSAS

Black & Veatch
Headquarters Microgrid

Shafer, Kline & Warren
Pershing Road Lift Station

TranSystems
Sustainable Reconstruction of KU Parking Lot 54

WSP | Parsons Brinckerhoff
US 54 Viaduct Repair/Rehabilitation

ACEC/KENTUCKY

CDM Smith
Alumni Drive Improvements

EA Partners
U.S. 68 Bourbon/Nicholas Counties

HMB Professional Engineers, Inc.
East Fork Indian Creek Stream Restoration

Palmer Engineering Company, Inc.
New US 460

Qk4
Belknap Connector

2016 Engineering Excellence Awards

ACEC/MAINE

Kleinschmidt Associates
Menominee Fish Lift System for Lake Sturgeon Passage

ACEC/MARYLAND

AECOM
Bay Bridge Cable Dehumidification

Gannett Fleming
Towson Finished Water Reservoir

Pennoni
ATEF High Speed Test Track Traffic Control System

Whitman Requardt and Associates
26th Street Emergency Repair and Wall Reconstruction

Whitman Requardt and Associates
Ballenger-McKinney Wastewater Treatment Plant Expansion

Whitman Requardt and Associates
Montebello Plant 2 Finished Water Reservoir

Whitney, Bailey, Cox & Magnani
Frederick Avenue Bridge over Gwynns Falls & CSX Railroad

ACEC/MASSACHUSETTS

Arup
Bruce C. Bolling Building

Collins Engineers, Inc.
Geo-Synthetic Reinforced Soil–Integrated Bridge System

Fay, Spofford & Thorndike
Kenneth F. Burns Memorial Bridge Replacement

Simpson Gumpertz & Heger Inc.
China Pavilion at 2015 World Expo

ACEC/METROPOLITAN WASHINGTON

AECOM
RiverSmart Washington Planning & Design

Alpha Corporation
Smithsonian Mathias Lab Expansion

CDM Smith
Biosolids Management Program

CDM Smith
Tingey Street Diversion Sewer

CH2M
State-of-the-Art Nitrogen Upgrade Program

HNTB Corporation
95 Express Lanes

ACEC/MICHIGAN

Byce & Associates, Inc.
Bell's Brewery, Inc. New Bio-Energy Facility

Fleis & VandenBrink Engineering, Inc.
Measurement Process for Excess Inflow/Infiltration Removal

HNTB Corporation, WSP | Parsons Brinckerhoff; and Great Lakes Engineering Group
I-96 Renovations

Wade Trim Associates, Inc.
I-75 Over Rouge River/Fort Street Design Survey

ACEC/MINNESOTA

Clark Engineering Corporation
Landfill Leachate Treatment System

HGA Architects and Engineers
Surly Destination Brewery

HR Green, Inc.
Waste Landfill Gas to Energy Facility

LHB, Inc.
Roosevelt Bridge Rehabilitation

Short Elliott Hendrickson, Inc.
Target Field Station

Stanley Consultants
Coon Rapids Dam Rehabilitation

ACEC/MISSOURI

Hanson Professional Services Inc. / POWER Engineers, Inc.
Mississippi River T-Line Crossing

HNTB Corporation
Poplar Street Bridge Interchange Westbound Ramps

M-E Engineers, Inc.
HarborCenter - Hockey & Mixed Use Facility

ACEC/MONTANA

Morrison-Maierle, Inc.
East Belgrade Interchange-Bozeman Yellowstone International Airport

ACEC/NEBRASKA

HDR Engineering
Leavenworth Lift Station

HDR Engineering
Prairie Queen Reservoir and Recreation Area

ACEC/NEVADA

Walter P Moore
Spring Mountains Visitor Gateway Complex

ACEC/NEW HAMPSHIRE

HEB Engineers, Inc.
Stark Covered Bridge Rehabilitation

ACEC/NEW JERSEY

AECOM/Greenman-Pederson, Inc./ WSP | Parsons Brinckerhoff (Joint Venture)
New Jersey Turnpike Interchange 6 to 9 Widening Program

Dewberry
Route 3 over the Passaic River Bridge

HNTB Corporation
Ben Franklin Bridge PATCO Track Rehabilitation

WSP | Parsons Brinckerhoff and Gahagan & Bryant Associates, Inc.
Channel Recovery and Maintenance Program

ACEC/NEW MEXICO

Bohannan Huston, Inc.
I-25/Paseo del Norte Interchange Reconstruction

CH2M
Ute Reservoir Intake Facility

ACEC/NEW YORK

Arup
Torre Reforma

Barton & Loguidice
Lake George Day-Use Area

C & S Companies
Syracuse University Carrier Dome Rainwater Harvesting

Cameron Engineering & Associates
Long Island Tidal Wetlands Trends Analysis

DeSimone Consulting Engineers
170 Amsterdam

Dewberry
Carmine Carro Community Center

Distinct Engineering Solutions, Inc.
Rockaway Boardwalk Reconstruction

Gannett Fleming and WSP | Parsons Brinckerhoff (Joint Venture)
Amtrak Sunnyside Yard Master Plan

Gannett Fleming /Hazen and Sawyer (Joint Venture)
Rehabilitation of Gilboa Dam

GZA
OneNYC Public Waterfront Esplanade and Park

H2M architects + engineers
Mastic Volunteer Ambulance - New Headquarters Addition

HAKS Engineers and Land Surveyors/ AECOM
Gowanus Expressway Emergency Repair

Hardesty & Hanover
Van Wyck Expressway over Grand Central Parkway

Jaros, Baum & Bolles
Public Safety Answering Center II

Langan Engineering & Environmental Services, Inc.; Simpson, Gumpertz & Heger; Guy Nordenson and Associates
Slurry Wall Re-Support - National September 11 Memorial & Museum

Loring Consulting Engineers, Inc.
The Willow School: Health, Wellness & Nutrition Center

McFarland-Johnson, Inc.
Harnessing Geothermal Power for Airports

M-E Engineers, Inc.
Dwight Englewood STEM Building

Mueser Rutledge Consulting Engineers
Innovative Foundations for Harbor Point Development

STV
Mother Clara Hale Bus Depot

Thornton Tomasetti, Inc.
Baku National Stadium

TranSystems
Rehabilitation of the High Bridge over Harlem River

Weidlinger Associates, Inc.
Manhattan Bridge Rehabilitation of Cables and Suspenders

WSP | Parsons Brinckerhoff
No. 7 Line Subway Extension

ACEC/NORTH CAROLINA

Kimley-Horn and Associates
Fidelity Network Center Campus SW Parking Deck

McKim & Creed
WaterHub at Emory

S&ME, Inc.
Edgecombe County Landfill Gas-to-Energy Facility

STV
I-485/I-85 Interchange Design-Build

ACEC/OHIO

AECOM
University Medical Center New Orleans

TranSystems
Columbus Road Lift Bridge

ACEC/OKLAHOMA

HDR Engineering
Verdigris Water Treatment Plant

ACEC/OREGON

T.Y. Lin International and HNTB Corporation
Tilikum Crossing, Bridge of the People

ACEC/PENNSYLVANIA

CDM Smith
Rapid Bridge Replacement Project

Gannett Fleming
City of Lebanon Authority Wastewater Treatment Plant

Gannett Fleming
Squirrel Hill Tunnel Rehabilitation

Urban Engineers, Inc.
Dilworth Park

Urban Engineers, Inc.
The Franklin Institute's Nicholas and Athena Karabots Pavilion

ACEC/SOUTH CAROLINA

AECOM
Camden Wastewater Treatment Plant Expansion

ICA Engineering
US 601 Bridges

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