

# THE FIRST WORD

February, 2014

## C P & Y's Kilpatrick Turnpike Widening Project Wins 2013 Engineering Excellence "Grand Conceptor" Award

The 2013 ACECOKLAHOMA Engineering Excellence Awards was a spirited competition. There were eight entries, and all were excellent presentations and close in the final judging.

When the judging was complete, C P & Y, Inc. came out on top and was awarded ACEC OKLAHOMA's GRAND CONCEPTOR AWARD for 2013 at the January 23rd General Membership Meeting.

The John Kilpatrick Turnpike is a major thoroughfare in Oklahoma City that provides quick and easy access around the city for its residents. As the most travelled turnpike in the state, it is a key component to Oklahoma City's overall transportation plan and provides over \$29 million yearly in toll revenue to the Oklahoma Turnpike Authority.

The project would take the existing four lane divided facility to a six lane facility with continuous median barrier by widening into the median from MacArthur Boulevard to Eastern Avenue. The widening consisted of the design of 8 miles of roadway, 10 bridge widenings, inspection and repairs to 21 bridges, retaining walls, screen walls and a complicated traffic control plan.

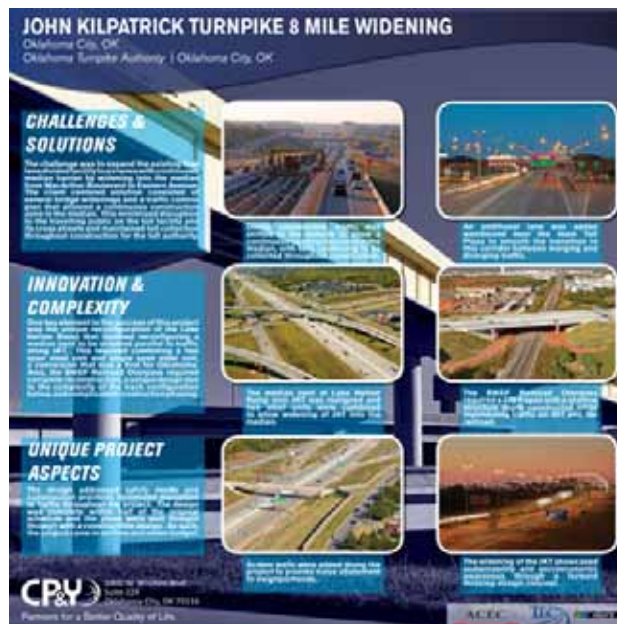
The JKT widening addressed several complex problems with innovative ideas. One of the key elements to the success of this project was the unique reconfiguration of the Lake Hefner

Ramp over JKT. The innovative solution involved reconfiguring a median bent to be oriented parallel to traffic along JKT. The bent configuration required combining a two span steel unit and single span steel unit, a conversion that was a first for Oklahoma. Additionally, the BNSF Railroad Overpass required complete reconstruction and a unique design due to the complexity of the track configuration below. Complex construction phasing was required during construction to maintain four lanes of traffic on JKT and BNSF traffic of 30 trains per day.

The CP&Y Team worked closely with the OTA throughout design and construction to ensure that the client's needs were being met every step of the way. The design addressed safety needs throughout the project corridor, and construction practices minimized disruption to traffic along JKT and its cross streets. The CP&Y Team was asked to

complete a large and complex project within half of the original design schedule.

This aggressive schedule was met and the plans were well thought through with a constructible design. As such, the project came in on time and over \$13M under budget. In completing this project within such a short timeframe, the burden on Turnpike customers was minimized.



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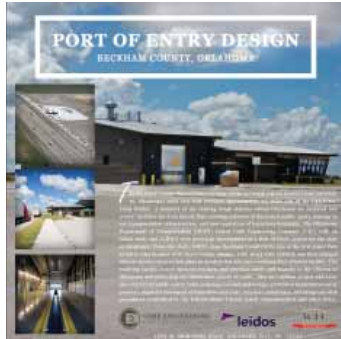
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# Engineering Excellence Honor and Finalist Awards

In addition to the Grand Conceptor Award, ACEC OKLAHOMA presented 4 Honor and 3 Finalist Awards in January.

## HONOR AWARDS



### COBB ENGINEERING COMPANY

The Beckham County Port of Entry is a state-of-the-art weigh station located along Interstate 40, Oklahoma's main east-west corridor. This \$8.7 million project addresses the concerns for public safety, reduces damage to roads and bridges, provides a homeland security presence, regulates movement of hazardous materials, increases compliance, and integrates with procedures established by the Federal Motor Carrier Safety Administration and other states.

permitting, design, and operation to assist in meeting the DEQ requirements, so they turned to Garver to assist them with their water woes. Garver worked from beginning to end—from the engineering report to the design, from construction to start-up, and writing the operations and maintenance manuals to assist operators with the new technology.



### GARVER

The Oklahoma River in Oklahoma City now has the first permanently lit river race course in the world. The project included event, practice, and architectural lighting to support nighttime activities, U.S. Olympic time trials, and other special racing events. For now, in a city that lies far from any oceanic beach, cutting-edge technology is proving useful to shine the spotlight on the middle of the country when it comes to world-class water sports.

From early site development including sewer lines and access roads, to the complex's completion in Fall 2013, Crafton Tull's multi-phase, multi-discipline engagement encompassed the project from beginning to end.



### CRAFTONTULL

An Owasso community committed to a belief in the value of technical education worked together to help deliver the vision of a more than 255,000-square-foot, \$46 million Tulsa Technology Center Owasso campus.

From early site development including sewer lines and access roads, to the complex's completion in Fall 2013, Crafton Tull's multi-phase, multi-discipline engagement encompassed the project from beginning to end.

## FINALIST AWARDS



H.W. Lochner  
Phase I & II Environmental Site Assessment Skydance Pedestrian Bridge



Garver  
Sand Springs Pogue Airport Pavement Rehabilitation



### GARVER

The Falls Creek Baptist Conference Center had outgrown their water treatment facilities. Operated by the Baptist General Convention of Oklahoma (BGCO), they needed water infrastructure planning,



Crafton Tull  
MacArthur Boulevard Widening



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## Members Firms Change Names

Two member firms have recently changed their firm name, and another is transitioning to a new name.

**ZFI Engineering Co.**, is the new name of Zahl-Ford, Inc.

**Leidos Engineering** is the new name of the former SAIC.

And, Mehlburger Brawley is transitioning to the new name of **Infrastructure Solutions Group, LLC (ISG)**.

None of the firms have changed addresses, phone, fax, etc. These are simply name changes.

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## 2014 Legislative Session Begins

Gavels rapped in the House and Senate on Monday to usher in the 2014 Legislative Session.

2,232 bills and resolutions were filed to begin the session. Additionally, there are nearly 2,100 "carry over" bills from last session.

And, beyond having to deal with proposed legislation, the House of Representatives will be electing a new Speaker on Monday, Feb. 10th. Speaker T. W. Shannon resigned his leadership position this week following his announcement that he will seek the U.S. Senate seat being vacated as the end of this year by Senator Tom Coburn.

ACEC OKLAHOMA has identified a number of bills of interest dealing with such issues as revisions to the state Good Samaritan Act; Foundation Repair Contractors; Public-Private Partnerships for transportation; and, a study regarding the use of Consultants by ODOT, to mention a few.

New this year, ACEC OKLAHOMA has engaged the services of **Majority Plus**, a lobbying firm headed by **Pat Hall** and **Jim Dunlap**. Hall is a former Democratic State Chairman and was Executive Director of the Oklahoma Public Employees Association for many years. Dunlap is a former Republican member of both the Oklahoma House and Oklahoma Senate. Along with their associate **Luke Martin**, Hall and Dunlap will give ACEC OKLAHOMA a "24 x 7" presence at the Capitol.

As always, we will be diligently working to protect your interests during the session, and will keep you updated as the session continues. And, if you have any questions, don't hesitate to contact ACEC OKLAHOMA.

## Don Vick Named to Del City Hall of Fame

ACEC OKLAHOMA would like to extend our Congratulations to Don Vick, JGV Engineering, Oklahoma City, for being named to the Del City Hall of Fame by the Del City Chamber of Commerce.

Don is a Past President of ACEC OKLAHOMA, and has been active in the Del City community for many years.

He will be inducted into the Hall of Fame at the Chambers Annual Awards Banquet on Thursday February 6th.

Our CONGRATULATIONS to Don on this well deserved honor!!!!!!!

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## Join Social Media Campaign Lobbying Congress to Prioritize Investment in National Transportation Infrastructure

America's Infrastructure Alliance (AIA), the coalition of leading transportation organizations committed to rebuilding U.S. infrastructure, is launching a state-by-state social media advocacy campaign in support of MAP-21 reauthorization. ACEC is a principal backer of AIA and a member of its Advisory Board.

AIA will use social media, including Facebook and Twitter, to educate the public about the importance of growing and improving our nation's transportation system.

Member Organizations and Member Firms are encouraged to participate in the campaign by following America's Infrastructure Alliance on **Facebook**, and **Twitter**. For more information go to: <http://www.americainfrastructure.org/>

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## New Address for ACEC OKLAHOMA

With the renovations at the Oklahoma Engineering Center, including a new parking lot and entrance, our Street/Mailing address has changed:

**220 N.E. 28th Street**

The building is still in the same place; we are still Suite 135; Zip, Phone, etc. remains the same. Only the street address changes due to the new parking lot and building entrance.



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# President's Report

February, 2014  
David Raymond, ACEC President

Your Council scored an important “win” at the end of 2013 with Congress embracing ACEC-backed contracting reforms that will benefit both large and small firms in the DOD marketplace. Key ACEC priorities also received a boost from President Obama in his State of the Union address Tuesday evening in calling on Congress to finish its work on the Water Resources Development Act (WRDA), the reauthorization of MAP-21 by this summer, an “all of the above” energy policy, and immigration reform (including expansion of H-1B visas). With the Highway Trust Fund facing cash shortages as early as August, MAP-21 reauthorization will be a major theme for our “citizen lobbyists,” along with other priorities, at the upcoming national convention in April.

## General

- Secured procurement reforms in the FY’ 14 National Defense Authorization Act that will open up additional contracting opportunities for small firms and make it easier for large firms to achieve small business subcontracting goals.
- Finalized 2013 fundraising receipts for ACEC/PAC, which totaled a record \$770,436 with 33 MOs achieving their ACEC/PAC goals.
- Incredibly, ACEC/Indiana and ACEC/South Carolina have already achieved their 2014 ACEC/PAC goals only three weeks into the new year.
- The upcoming 2014 ACEC Annual Convention is scheduled for April 27-30 at the Grand Hyatt Hotel in Washington, D.C. with keynote speakers including David Gregory, NBC News political analyst and host of “Meet the Press”; General Michael Hayden (Ret.), former Director of NSA and CIA; and Martin Regalia, Chief Economist of the U.S. Chamber of Commerce; [click here for registration and full information](#).
- New U.S. Secretary of Transportation Anthony Foxx will discuss the nation’s transportation funding

dilemma in an exclusive interview to be published in the upcoming March/April *Engineering Inc.*

- Six months into FY 14, the current member firm count (5,084) has increased 1.4% over the July 1, 2013 figure; and employee count (373,515) has increased 13.9% over the July 1, 2013 figure – the first time that the figure has increased more than 10% during a six-month period.

## Government Advocacy

- Secured full funding for MAP-21 highway and transit programs in the omnibus appropriations bill for Fiscal Year 2014.
- Endorsed the Partnership to Build America Act, bipartisan Senate companion legislation to Rep. Delaney’s bill to create a \$50 billion national infrastructure investment fund through a one-time repatriation of overseas corporate earnings at a lower tax rate.
- Jim Balocki, U.S. Army Corps of Engineers Chief of International and Interagency Services, briefed members of ACEC’s International Committee on business opportunities related to foreign military sales and the “work for others” program.
- Participated in U.S. Army Corps of Engineers “stakeholder” reception hosted by LTG Thomas P. Bostick, including COE district commanders from throughout the U.S. as well as the Secretary of Energy and key Members of Congress.
- Opposed proposed limits on the use of cash accounting to firms with less than \$10 million in revenues in comments to the Senate Finance Committee



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