ENR

THE TOP 500

NUMBER 10

VIVA MEXICO CITY Parsons was selected in 2015 as the prime program and design manager for the New International Airport of Mexico City, which is anticipated to be the largest airport in Latin America.

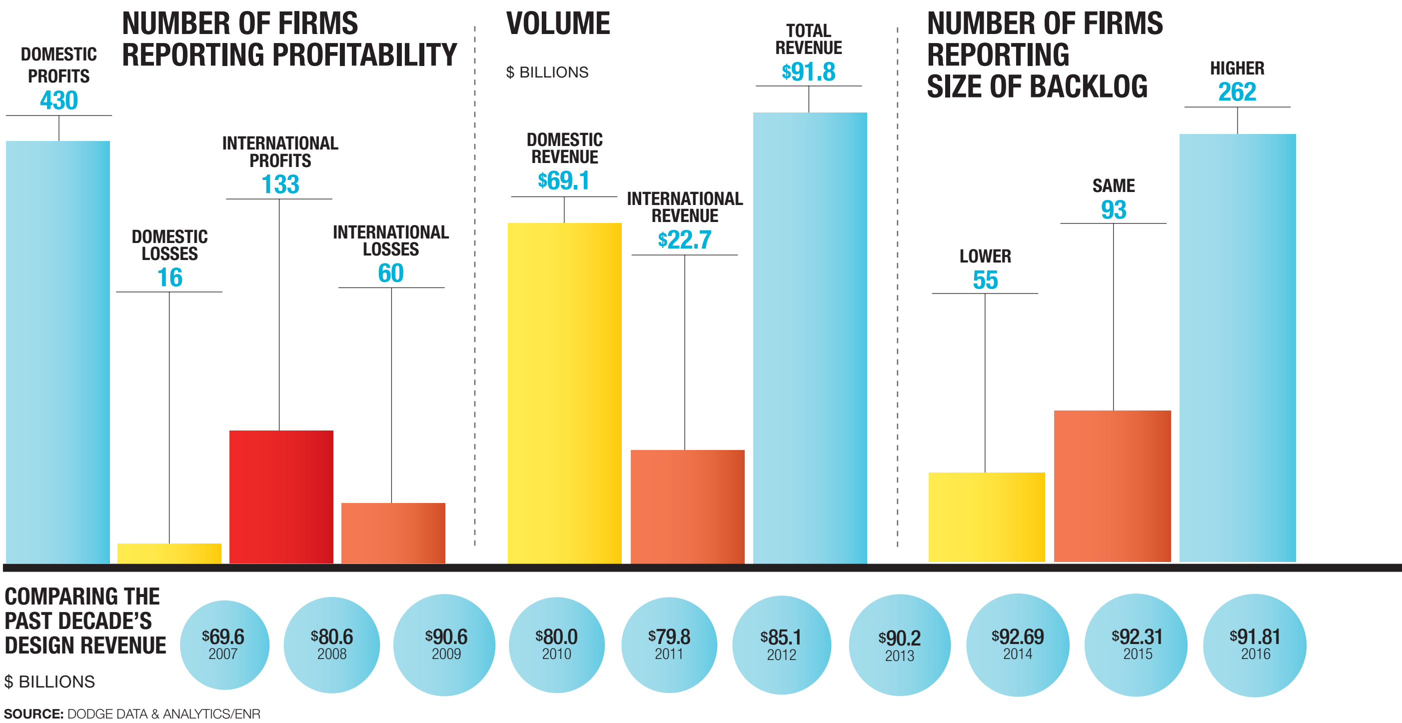
PHOTO COURTESY OF PARSONS

Most Markets on the Rise

The domestic market is up, but designers are watching developments abroad and the presidential election for hints about 2017

By Gary J. Tulacz

2015-2016 at a Glance



The market for construction design services is healthy, with a few exceptions. The buildings market continues to grow at a measured pace, and the passage of the federal Fixing America's Surface Transportation (FAST) Act, as well as progress in Congress on other federal infrastructure funding initiatives, have many designers in the infrastructure markets optimistic. While low oil prices have depressed the markets for big-ticket oil and gas work and the power market seems sluggish, most U.S. design firms are in a good frame of mind.

However, there is concern about the future. The U.S. economy is not robust, and there are concerns about what impact the outcome of the presidential election will have on regulations and the market. Also, economic and political turmoil abroad could have a significant impact on the domestic market. And within the design profession, there are trends that have many designers concerned about their role in the construction process.

Some design firms are beginning to see signs of a pending slowdown. "There seems to be more uncertainty in the market as the volatility of the stock market, apparently, has had a negative psychological impact on the ability to obtain finance," says Henry L. Lucas, CEO of ECS Corporate Services. "Clients in the private sector are concerned about the economy [and] job and population growth impacting their projects. Contractors in most areas are hungrier for projects than they have been in 2014 and 2015," says Calvin T. Ladner, president of LJA Engineering.

"If you aren't a major player nationally in [the oil-and-gas and utilities markets], you will have to settle for trickle-down work from those that are."

Chris Vincze, CEO, TRC Cos.

The evidence of the market trends can be seen in the data from ENR's Top 500 Design Firms list. Taken as a group, the Top 500 firms had design revenue of $91.81 billion in 2015, down 0.5% from $92.30 billion in 2014. Market growth was up on the domestic side, rising 4.4%, to $69.07 billion, in 2015, from $66.16 billion in 2014. However, revenue from projects outside the U.S. fell 13.0%, to $22.74 billion, in 2015, down from $26.14 billion in 2014.

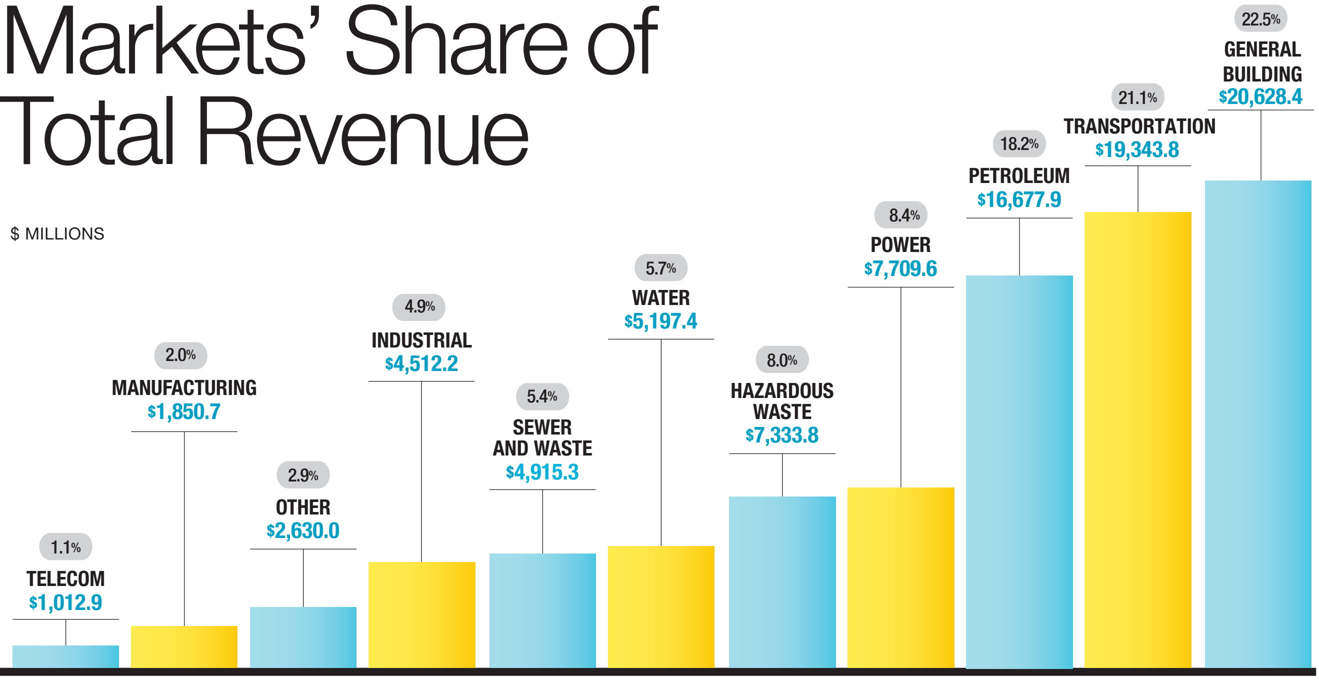
The overall downturn in revenue is largely a result of a drop in design work in the oil-and-gas sector, which fell 8.1%, from $18.1 billion, in 2014, to $16.7 billion. This drop-off can be attributed to a sagging international market as, surprisingly, revenue from the domestic oil-and-gas market actually grew by 12.6%.

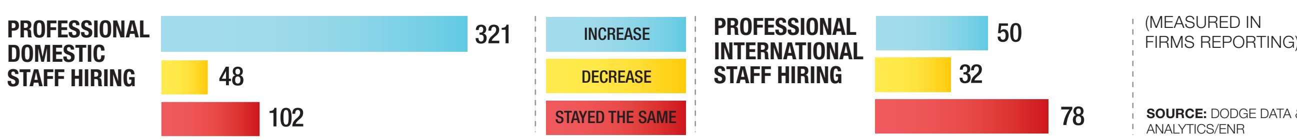
Marriages and a Divorce

Mergers and acquisitions were a major story in the industry in 2015 and continue to be in 2016. While none were on the scale of AECOM's acquisition of URS, WSP's acquisition of Parsons Brinckerhoff or the merger of Amec and Foster Wheeler in 2014, there were several significant transactions in 2015.

Markets' Share of Total Revenue

$ MILLIONS





SOURCE: DODGE DATA & ANALYTICS/ENR

One of the biggest and most wide-ranging moves was the October acquisition of Professional Service Industries (PSI) by U.K.-based Intertek Group plc for $330 million. "Intertek's building group works predominantly with building-product manufacturers to test and certify their products to make sure they are up to code," says Gavin Campbell, global senior vice president of Intertek. He notes that PSI plays a similar role, inspecting, testing and certifying products and site conditions once products get to the jobsite. "Although we do similar work, there was little overlap between the two companies, which made it a perfect fit," he says.

For PSI, this acquisition provides an entry into international markets. "PSI will not be just a U.S.-based firm now, but a global presence," says Doug Dayton, president and COO of PSI. He says many PSI clients work around the world, and now PSI can follow them. Also, the merger allows the firm to do all inspections and materials testing, from a product's development and use to installation and decommissioning, says Dayton. He also notes that PSI brings to Intertek new expertise in fields such as consulting and geotechnical work.

Another big acquisition, also in October, was TRC Cos.' purchase, for $130 million, of the professional services business segment of Willbros Group, an 850-person unit working in the oil-and-gas pipeline market. "We believe the long-term outlook for the pipeline industry is strong, especially with respect to midstream activities," says Chris Vincze, CEO of TRC. He says that, despite the downturn in the oil-and-gas sector, pipeline work continues to be strong. "The product has to get from the source to the user, so pipelines will continue to be an active market."

463
Top 500 firms that sent in surveys last year.

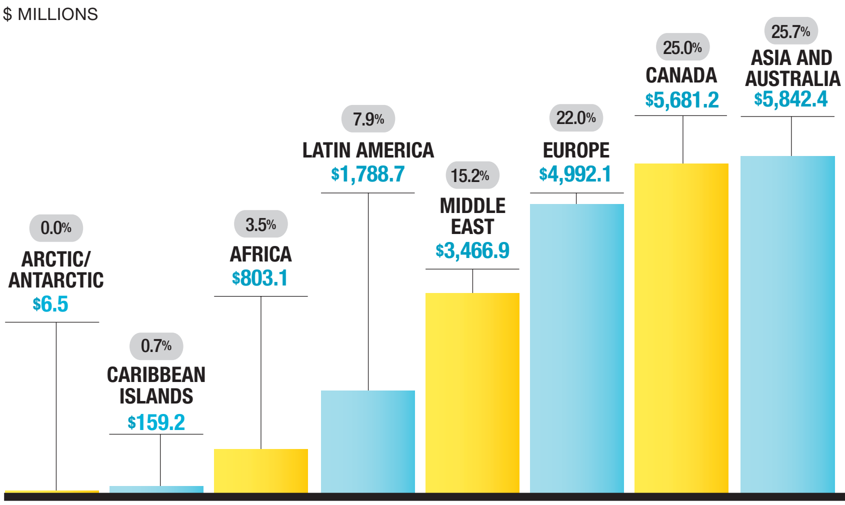
76.0%
Saw revenue increases between 2014 and 2015.

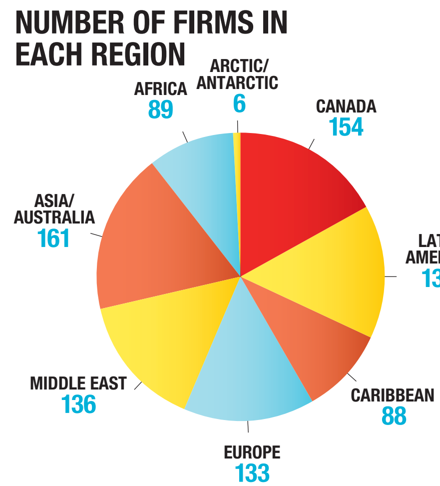
23.3%
Saw revenue declines between 2014 and 2015.

Utilities and oil-and-gas companies are looking for just a small group of vendors that can provide multidisciplinary services, Vincze observes. "If you aren't a major player nationally in those markets, you will have to settle for trickle-down work from those that are," he says. That was part of the motivation behind acquiring Willbros' service group. "Your ability to assume risks, your size and your skill sets are all differentiators in those markets," he says.

The M&A scene got another jolt on March 29, when Canadian design giant Stantec Inc. announced plans to buy MWH Global Inc. for $795 million (ENR 4/11 p. 13). Up until now, Stantec has had little contracting capacity, while MWH has been venturing more into the contracting realm. "When industry changes, we adapt—thanks to our diverse business model," says Bob Gomes, president and CEO of Stantec. "We're also responsive to marketplace opportunities that will allow us to better service those clients with

International Market Analysis





new services." Gomes says that, once closed, the MWH Global deal will help Stantec to grow into new markets and geographies while building a global leader in water and infrastructure markets.

For many designers, being bigger is a necessity. "We are just one of the larger firms that are bulking up—building highly specialized service- and building-type capabilities at the same time as we are opening more full-service offices," says Brad Perkins, chairman of Perkins Eastman. He says many clients around the world are demanding world-class expertise combined with local delivery. He says that, 15 years ago, a 500-person architectural firm with three or four offices was a large firm and could compete in most markets. "Now, the business model for that firm might be 1,200 people in 15 offices," he says.

The growth of these megafirms is having an impact on midsize designers. "On large-scale or specialized work, these firms dominate the market for their perceived experience and potential for added value, especially to equally large international clients," says Philip M. Davis, senior vice president at Fishbeck, Thompson, Carr & Huber Inc. He says local firms can leverage their position with existing clients as trusted advisers or they need to specialize in order to compete for value-priced services. "However, this makes them targets for acquisition," he says.

Not all big firms are eager to gobble up smaller firms. "The competitive landscape is shifting with all the recent mergers and talk of more mergers, but, really, the quality of competition has never been higher," says Greg Graves, CEO, Burns & McDonnell. "What has kept Burns & McDonnell competitive is to avoid growing just to keep up with megasize firms. We try to grow at a pace that is comfortable for an employee-owned firm," he says.

On Stantec's plans to acquire MWH Global, "when the industry changes, we adapt—thanks to our diverse business model."

Bob Gomes, CEO, Stantec

In contrast to the recent spate of large-scale mergers, one company is breaking up: Hatch Mott MacDonald (HMM), the U.S. joint venture between the U.K.'s Matt MacDonald Group Ltd. and Canada's Hatch Group, has split into two separate North American subsidiaries of their respective parent companies (ENR 12/7-14/15 p. 19). Mott MacDonald, North America CEO Nick DeNichilo says the joint venture worked well, but it was often difficult to get sign-off from both parent companies for major HMM growth initiatives. Effective April 22, Mott MacDonald, North America will assume responsibility for most HMM U.S.-based work, while Hatch will assume responsibility for most HMM Canadian work.

Making It Work

Many firms are reorganizing or repositioning to serve their markets more effectively. For example, Parsons launched a restructuring initiative to streamline its reporting structure, simplify its layers of management and improve its administrative processes, says Virginia Grebbien, Parsons' chief of staff. "A key feature of the reorganization plan was the creation of five business units headed by members of our senior administrative team," she notes. This strategy puts Parsons team members closer to customers and specific business sectors. "A lot of our competition appears to be going through similar changes," she says.

Other firms are placing greater emphasis on some of their offerings. For example, Arcadis North America is strengthening its consulting group. "We definitely see many of our private clients taking a new

#118 **IMEG/KJWW/TTG** is a new entity resulting from a merger between KJWW, Rock Island, Ill., and TTG, Pasadena, Calif.

approach to their property portfolios to determine what to do with their assets," says John Jastrem, CEO of Arcadis North America CEO. He notes that mergers and acquisitions can result in clients having a mystery portfolio to manage. Arcadis can help them to understand the cost of property cleanup, the potential for sale or development, and ways to be better at their business, Jastrem says.

Special Delivery

There is a growing trend in the industry, especially in the public sector, to move toward alternative project delivery (APD). The demand to expedite project schedules without sacrificing quality continues to increase within the engineering and construction industry, forcing designers to consider alternative means of providing service to clients. "We see great opportunity in the application of design-build and [public-private-partnership] project delivery methods. For this reason, one of our recent acquisitions was a company that specializes in design-build, adding to our portfolio of services and capabilities," says Joseph Viscuso, senior vice president at Pennoni.

Many firms are excited by the move toward ADP. "We are a big proponent of [ADP's] integrated delivery model," says Fred Werner, president of design and consulting services for AECOM. He says AECOM's purchase of URS helped AECOM's capacity to design, construct, operate and finance major projects.

Werner goes on to note that the move to ADP is changing the role of the designer. "We no longer just draw up a set of plans to hand over to the contractors to tweak and build. Now, we are at the forefront of assessing the client's needs, deal-making to finance a program and planning its execution," he says

The move to alternative project delivery has caused a shift in the scale of some infrastructure projects. "To capitalize on the inherent savings associated with APD, Owners are increasing the average size of their projects. These two trends are drawing much more international competition for larger, more complicated projects," says Grebbien.

However, there often can be a cost to these ADP methods: a greater assumption of risk by the designer. Some firms are prepared to assume these risks. "Our clients are quite risk-averse and like the idea of shifting some of that risk back on us, particularly for large projects with firm schedules and not-to-exceed budgets," says Graves of Burns & McDonnell. He says the firm is quite comfortable taking on that risk. "We have the project teams, processes and standards in place and have established a good track record of results," he says.

GRAPHIC COURTESY KTGY ARCHITECTURE + PLANNING

Multi-Unit Residential | By Gary J. Tulacz

Apartments for Rent

Rumors of the death of the multi-unit residential market are greatly exaggerated. For several years, multi-unit residential has been one of the hottest U.S. markets; since 2011, it has been at or near the top of the highest-rated markets on ENR's quarterly Construction Industry Confidence Index survey. Every quarter, construction executives say the market is still growing but that it will fade soon. Then, the following quarter, they shrug and say the market can't keep this up—but it does.

One design firm that has benefited from the boom in apartment construction is KTGY Architecture + Planning **(No. 177)**. "We operate in the coastal markets and Denver and Chicago. We continue to see steady job growth in our markets, and along with that comes a need for multifamily development. We expect to see strong markets over the next few years," says Rohit Anand, principal at KTGY. For example, KTGY designed the 201-unit 1001 Olive & Olympic project (above) for Lennar Multifamily Communities in Los Angeles.

KTGY is not the only firm seeing continuing strength in the sector. "The resurgence of many primary and secondary cities in the U.S. is driving an urban housing movement across the country. Interesting attempts at urban mixed-use projects, with residential as the anchor, seem to be on the boards in every location in our footprint," says Mike Medici, president of Smith-GroupJJR **(No. 64)**.

The trend toward building apartment facilities and mixed-use projects is being driven by the large migration back to the central cities from the suburbs. "Housing markets on the East Coast and West Coast … remain red-hot. The makeup of that housing is really changing as millennials and empty-nesters are driving to a more urban mode," says Ted Hyman, managing partner with ZGF Architects **(No. 87)**.

"High-end luxury residential may be stalling, but the housing market remains strong at other income levels," notes Brad Perkins, chairman of Perkins Eastman **(No. 68)**. For example, the firm designed The Wharf: The Southwest Waterfront, in Washington, D.C. The project covers 24 acres of land and comprises approximately 3.2 million sq ft of development, incorporating retail, residential, cultural, hospitality, office and public uses, in addition to promenades, parks, cultural centers, and waterfront piers and docks.

There has been a tremendous amount of new product introduced to the market in the past few years, Anand says. With land and construction costs at a premium, developers are pressed to make deals work. "We do not see the apartment industry as a commodity. We feel that, by understanding the specific needs of the renter at each location, we can design a unique product that positions the developer for success," he says.

Anand says KTGY is working with developers on changing the idea of mixed-use projects, "like introducing food-based amenities to our apartment lobby and lounge areas. These establishments, like coffee shops or juice bars, are also accessible to the public. When solving for the security concerns, these spaces can be exciting." ■

The Top 20 Design Firms by Sector

1 INDUSTRIAL PROCESS/ PETROLEUM

Top 20 Revenue: $17.5 Billion
Top 20 Market Share: 82.4%

RANK 2016	RANK 2015	FIRM
1	1	FLUOR CORP.
2	2	JACOBS
3	8	CB&I INC.
4	9	AMEC FOSTER WHEELER
5	3	WOOD GROUP MUSTANG INC.
6	4	BECHTEL
7	6	KBR
8	7	WORLEYPARSONS
9	10	S&B ENGINEERS & CONSTRUCTORS LTD.
10	**	INTERTEK - PSI
11	11	CH2M
12	5	AECOM
13	12	TETRA TECH INC.
14	13	CDI CORP.
15	18	BUREAU VERITAS
16	16	GULF INTERSTATE ENGINEERING
17	19	FUGRO USA
18	15	AEGION CORP.
19	17	BURNS & MCDONNELL
20	**	HATCH MOTT MACDONALD

2 TRANSPORTATION

Top 20 Revenue: $12.2 Billion
Top 20 Market Share: 62.9%

RANK 2016	RANK 2015	FIRM
1	1	AECOM
2	2	JACOBS
3	3	CH2M
4	5	PARSONS
5	6	HDR
6	4	HNTB COS.
7	7	WSP I PARSONS BRINCKERHOFF
8	8	LOUIS BERGER
9	9	STV GROUP INC.
10	12	KIMLEY-HORN
11	10	STANTEC INC.
12	13	T.Y. LIN INTERNATIONAL
13	11	MICHAEL BAKER INTERNATIONAL
14	14	HATCH MOTT MACDONALD
15	15	AMEC FOSTER WHEELER
16	19	GANNETT FLEMING
17	16	TRANSYSTEMS
18	20	GREENMAN-PEDERSEN INC.
19	18	ATKINS NORTH AMERICA
20	17	CDM SMITH

3 GENERAL BUILDING

Top 20 Revenue: $8.3 Billion
Top 20 Market Share: 40.0%

RANK 2016	RANK 2015	FIRM
1	1	AECOM
2	2	GENSLER
3	3	JACOBS
4	5	PERKINS+WILL
5	4	ARCADIS NORTH AMERICA/CALLISONRTKL
6	6	HOK
7	7	HDR
8	10	HKS INC.
9	8	SKIDMORE, OWINGS & MERRILL LLP
10	13	STANTEC INC.
11	9	PARSONS
12	11	TERRACON CONSULTANTS INC.
13	12	KIMLEY-HORN
14	16	CANNONDESIGN
15	15	SMITHGROUPJJR
16	18	WSP I PARSONS BRINCKERHOFF
17	**	INTERTEK - PSI
18	**	THORNTON TOMASETTI INC.
19	17	PERKINS EASTMAN
20	**	DLR GROUP

However, many design firms point out that assuming risk can result in problems. “On a more frequent basis, clients are requesting higher insurance limits from design professionals. These limits result in higher premiums, and yet competition and the resulting fee structure are not sufficient to offset the higher premiums,” says Gary Loesch, COO of H2M Architects + Engineers.

Some clients also are requesting that the design firm execute a contract that often includes uninsurable terms, Loesch further notes. He says clauses that require the design professional to indemnify the owner for the firm’s negligence are acceptable, whereas contracts that include a defense obligation that is not tied to the firm’s negligence is uninsurable. “When firms accept this contract language, not only are they putting their corporate entities at risk, they are making it more difficult and riskier for the entire design community,” he says.

Infrastructure: No Longer a Bad Word

“Infrastructure” has become a trending term in North America. “Infrastructure is front and center in the media and political world. There is also no doubt that infrastructure will be a prominent issue during the upcoming U.S. elections. However, the question remains: How do we pay for it?” says DeNichilo of Mott MacDonald, North America.

“What has kept Burns & McDonnell competitive is to avoid growing just to keep up with the mega-firms. We try to grow at a pace that is comfortable for an employee-owned firm.”

Greg Graves, CEO, Burns & McDonnell

One answer is public-private partnerships. After years of fits and starts, P3s finally are beginning to take off in the U.S. public sector. “Government budget constraints are forcing more opportunities into alternative delivery methods like P3 and [design-build]. This means that stronger relationships with contractors, concessionaires, the financial community and other stakeholders are no longer an option but a requirement,” says DeNichilo.

A few of the largest design firms now are beginning to take their own equity positions in P3 projects. For example, Parsons was awarded its first P3 contract as an equity partner under the concession and design-build contract for the Regina Bypass Project in Saskatchewan, Canada, says Grebbien. Parsons Enterprises has a 25% stake in the 30-year concession to design, finance, construct, operate and maintain the 61-kilometer bypass.

Parsons is not alone in taking the plunge into project equity investment. AECOM is perhaps the biggest equity investor in P3s in the design industry. “There is no limit on how much money there is out there to invest in projects,” says Werner. “Right now, we are looking at perhaps 15 to 16 projects in

#156 **ELKUS MANFREDI** is master-planning a 12-million-sq-ft mixed-use development that will become the new downtown of Santa Clara, Calif.

The Top 20 Design Firms by Sector

4 POWER

Top 20 Revenue: $5.7 Billion
Top 20 Market Share: 74.1%

RANK 2016	RANK 2015	FIRM
1	3	BURNS & MCDONNELL
2	4	BLACK & VEATCH
3	5	SARGENT & LUNDY LLC
4	2	AECOM
5	7	POWER ENGINEERS INC.
6	12	WSP I PARSONS BRINCKERHOFF
7	13	KIEWIT CORP.
8	6	AMEC FOSTER WHEELER
9	11	ENERCON SERVICES INC.
10	10	JACOBS
11	16	HDR
12	9	ZACHRY GROUP
13	15	TRC COS. INC.
14	17	LEIDOS
15	14	TETRA TECH INC.
16	8	BECHTEL
17	18	WORLEYPARSONS
18	**	INTERTEK - PSI
19	19	BABCOCK & WILCOX ENTERPRISES INC.
20	**	MWH GLOBAL

5 HAZARDOUS WASTE

Top 20 Revenue: $6.4 Billion
Top 20 Market Share: 87.7%

RANK 2016	RANK 2015	FIRM
1	1	AECOM
2	2	ARCADIS NORTH AMERICA/CALLISONRTKL
3	4	JACOBS
4	3	CH2M
5	5	TETRA TECH INC.
6	6	GHD INC.
7	10	FLUOR CORP.
8	8	BECHTEL
9	7	PARSONS
10	11	TRC COS. INC.
11	9	AMEC FOSTER WHEELER
12	13	GEOSYNTEC CONSULTANTS INC.
13	12	CDM SMITH
14	15	BROWN AND CALDWELL
15	14	KLEINFELDER
16	17	HALEY & ALDRICH INC.
17	19	GZA
18	**	LANGAN ENG'G, ENVIRO., SURVEYING
19	20	LOUIS BERGER
20	**	LEIDOS

6 WATER

Top 20 Revenue: $3.8 Billion
Top 20 Market Share: 72.7%

RANK 2016	RANK 2015	FIRM
1	1	TETRA TECH INC.
2	3	CH2M
3	2	AECOM
4	4	MWH GLOBAL
5	5	BLACK & VEATCH
6	6	HDR
7	7	ARCADIS NORTH AMERICA/CALLISONRTKL
8	8	CDM SMITH
9	9	JACOBS
10	10	STANTEC INC.
11	11	MICHAEL BAKER INTERNATIONAL
12	14	CAROLLO ENGINEERS INC.
13	12	LOUIS BERGER
14	13	BROWN AND CALDWELL
15	**	WSP I PARSONS BRINCKERHOFF
16	15	AMEC FOSTER WHEELER
17	17	HAZEN AND SAWYER
18	16	DEWBERRY
19	**	GEI CONSULTANTS INC.
20	18	KLEINFELDER

North America [in which] AECOM is considering making an equity investment."

Over the past few years, the question of consistent and long-term funding infrastructure has forced states and localities to work out other ways to finance their own needs. Many firms in the infrastructure market say these efforts already are paying back dividends. "Lack of a long-term federal surface transportation bill has precluded state and local governments from reinvigorating their aging and undersized infrastructure, but it has also kick-started funding and delivery alternatives for transportation and water-wastewater infrastructure projects," says Grebbien.

The passage of the FAST Act, coupled with many of these state funding initiatives that were advanced in 2015, have many firms saying the infrastructure market should be solid for several years. "Some markets can dry up quickly, but infrastructure is a different beast," says Werner. He sees a strong market at least through 2018.

However, not all states have been quick off the mark now that long-term federal funding is in place. "It is still a matter of the haves and the have-nots with many of our clients. Those that have moved aggressively in recent years to increase funding at the state level have robust programs, while those that have not are definitely struggling," says John Grow, chief strategy and marketing officer for TranSystems.

"We no longer just draw up a set of plans to hand over to the contractors to tweak and build. Now, we are at the forefront of ... deal-making to finance a program and planning its execution."

Fred Werner, President, Design and Consulting, AECOM

Baby, You Can Drive My Car

Autonomous vehicles have created a great deal of buzz in the transportation sector. Firms such as Google and many auto companies, including Nissan and Audi, are investing billions of dollars in driverless-car technology. Further, President Obama is trying to pass $4 billion in additional funding to test this technology, and several Depts. of Transportation are initiating studies and pilot programs, notes Jastrem. "This will change the face of infrastructure, design and human behavior and has major implications in safety and intelligent transportation systems."

Once widespread, these new vehicles will change how firms design roads and transportation signaling. "As an example, we could see capacity improvements at signalized intersections by as much as 50% just by eliminating driver reaction time," says Michael McArdle, senior vice president at VHB. He says highway departments and transportation designers have to start preparing for potential changes now. "As we know, major infrastructure projects can take up to more than 10 years to deliver. With the billions [of dollars] of privately funded research and development

The Top 20 Design Firms by Sector

7 SEWER AND WASTE

Top 20 Revenue: $3.4 Billion
Top 20 Market Share: 68.4%

RANK 2016	2015	FIRM
1	1	CH2M
2	3	MWH GLOBAL
3	2	AECOM
4	5	CDM SMITH
5	4	TETRA TECH INC.
6	7	HDR
7	6	BROWN AND CALDWELL
8	12	PARSONS
9	8	BLACK & VEATCH
10	11	SCS ENGINEERS
11	10	CAROLLO ENGINEERS INC.
12	9	HAZEN AND SAWYER
13	13	ARCADIS NORTH AMERICA/CALLISONRTKL
14	14	STANTEC INC.
15	15	GHD INC.
16	17	JACOBS
17	16	GREELEY AND HANSEN LLC
18	**	BURNS & MCDONNELL
19	**	WOODARD & CURRAN
20	18	HATCH MOTT MACDONALD

8 MANUFACTURING

Top 20 Revenue: $1.4 Billion
Top 20 Market Share: 74.8%

RANK 2016	2015	FIRM
1	1	JACOBS
2	2	CH2M
3	4	M+W GROUP
4	5	AMEC FOSTER WHEELER
5	6	GHAFARI ASSOCIATES LLC
6	9	BUREAU VERITAS
7	7	CDI CORP.
8	**	INTERTEK - PSI
9	8	SSOE GROUP
10	13	CHA CONSULTING INC.
11	16	BRPH
12	10	FLUOR CORP.
13	**	MERRICK & CO.
14	12	WUNDERLICH-MALEC ENGINEERING
15	15	LEIDOS
16	**	GP STRATEGIES
17	17	BURNS & MCDONNELL
18	18	RCM TECHNOLOGIES INC.
19	11	TETRA TECH INC.
20	**	WOOD GROUP MUSTANG INC.

9 TELECOMMUNICATIONS

Top 20 Revenue: $794.2 Million
Top 20 Market Share: 78.4%

RANK 2016	2015	FIRM
1	4	JACOBS
2	1	BLACK & VEATCH
3	2	BECHTEL
4	**	TOWER ENGINEERING PROFESSIONALS
5	7	VANDERWEIL ENGINEERS
6	5	PARSONS
7	6	SYSKA HENNESSY GROUP
8	12	CORGAN
9	8	KCI TECHNOLOGIES INC.
10	19	GENSLER
11	9	GPD GROUP
12	11	EXP US SERVICES INC
13	**	BUREAU VERITAS
14	10	MORRISON HERSHFIELD
15	14	TECTONIC ENG'NG & SURVEY. CONSULT.
16	15	TERRACON CONSULTANTS INC.
17	**	ESD - ENVIRONMENTAL SYSTEMS DESIGN
18	20	ADVANTAGE ENGINEERS
19	17	MISSION CRITICAL PARTNERS INC.
20	16	FULLERTON ENGINEERING CONSULTANTS

going into autonomous vehicles, we will begin to see the impacts of them before then."

Many firms already are participating in studies about the impact of autonomous vehicles. For example, WSP | Parsons Brinckerhoff was the infrastructure lead in the so-called Connected Vehicle Safety Pilot, in which nearly 3,000 vehicles communicated with roadside infrastructure and other vehicles on the streets of Ann Arbor, Mich. It also worked on the Ann Arbor Connected Vehicle Test Environment, another study conducted by the University of Michigan Transportation Research Institute, says Gregory Kelly, CEO.

Kelly says state, regional and local governments must develop policies to regulate driverless vehicles and address the changes that will result from their widespread use. "With that in mind, my firm has developed a guide for government officials in preparing for the advent of driverless vehicles, available for download on our website," Kelly says.

For designers, one of the biggest trends is that cities are taking a more holistic approach to urban development. This development is forcing designers to take a more integral approach to their own designs. "With these urban centers, the systems and communities continue to become more complex, requiring solutions

"There is no doubt that infrastructure will be a prominent issue in the upcoming U.S. elections."

Nick DeNichilo, CEO, Mott MacDonald, North America

that are collaborative and integrated in approach and require greater levels of technological innovation," says Michael J. Carragher, CEO of VHB.

Further, the U.S. population is more willing to change jobs and locations and cities are being forced to sell themselves to potential and current residents, giving urban planners and designers a new source of business. For example, quality of life is becoming a competitive advantage for cities and their economic development efforts. Opportunities to live in a healthy environment are influencing what people want in their homes, workplaces, schools, public spaces and communities. "Public health is no longer solely the business of health professionals. There is a relationship between our built environment and our health," says Ken Schwartz, senior vice president of VHB.

The Cost of Saving at the Pump

The oil-and-gas sector has taken a pounding over the past year and a half as oil prices cratered, which has caused many firms to rethink their positions in that market. For example, Rettew Associates, which had a big share of the fracking market, now is refocusing on its other core markets, including transportation, industrial, development and regulated energy. "We expect this diversification to be healthy for our company.

#50 **T.Y. LIN INTERNATIONAL** acquired in 2015 Lindbergh & Associates, a Charleston, S.C.-based architectural and engineering firm.

The Top 50 Designers in International Markets

RANK 2016	RANK 2015	FIRM
1	2	JACOBS
2	1	AECOM
3	3	FLUOR CORP.
4	4	AMEC FOSTER WHEELER
5	5	CH2M
6	6	BECHTEL
7	8	CB&I INC.
8	7	KBR
9	10	TETRA TECH INC.
10	12	PARSONS
11	9	WOOD GROUP MUSTANG INC.
12	**	INTERTEK - PSI
13	11	MWH GLOBAL
14	15	LOUIS BERGER
15	13	BLACK & VEATCH
16	14	ARCADIS NORTH AMERICA/CALLISONRTKL
17	19	GENSLER
18	18	GHD INC.
19	17	EXP US SERVICES INC
20	20	CDI CORP.
21	32	FUGRO USA
22	21	SKIDMORE, OWINGS & MERRILL LLP
23	16	WORLEYPARSONS
24	24	HDR
25	22	HATCH MOTT MACDONALD
26	26	T.Y. LIN INTERNATIONAL
27	25	CDM SMITH
28	23	KOHN PEDERSEN FOX ASSOCIATES PC
29	27	AEGION CORP.
30	28	HOK
31	29	PERKINS+WILL
32	30	WOODS BAGOT
33	**	IBI GROUP
34	34	NORR
35	31	MORRISON HERSHFIELD
36	38	BABCOCK & WILCOX ENTERPRISES INC.
37	36	SARGENT & LUNDY LLC
38	**	WSP I PARSONS BRINCKERHOFF
39	39	BURNS & MCDONNELL
40	40	WATG I WIMBERLY INTERIORS
41	50	THORNTON TOMASETTI INC.
42	42	KLEINFELDER
43	45	POPULOUS
44	48	PERKINS EASTMAN
45	49	PAGE
46	41	AUSENCO
47	35	ADRIAN SMITH + GORDON GILL ARCH.
48	46	ECOLOGY AND ENVIRONMENT INC.
49	51	STANLEY CONSULTANTS INC.
50	**	HKS INC.

But in the short term, it's a very large challenge to replace the lost oil-and-gas revenue. These circumstances really highlight the need for a well-balanced market portfolio," says Mark Lauriello, Rettew's CEO.

Stantec is another firm that is being cautious during the oil-and-gas downturn. It has reduced its exposure in the petroleum and mining sectors but is "maintaining a core expertise in oil and gas and mining—and we have a long-term commitment to these businesses. We believe they offer strong future contributions to Stantec," says Gomes. "When prices improve, we will be very well positioned to benefit."

Burns & McDonnell also has seen some projects canceled or delayed, but its customers in the oil-and-gas sector "know we are standing by and ready when they are ready to move forward," says Greg Graves, CEO. But some petroleum sectors are holding up well, he says, adding, "Our pipelines group had a big growth year last year and is building up a good backlog, mostly due to the need for expanded natural-gas transmission infrastructure."

Parsons is one designer that is bucking this trend away from oil and gas. It has reentered that market for the first time since 2004, when it sold its Parsons E&C Corp. to Australia's Worley. "In the United States, our oil-and-gas customers' capital spend has been severely reduced, which is impacting our environmental and industrial offerings. However, there is a sharp contrast between Parsons and our competitors. Our competitors are under strain and are focused on shrinking, while we are relatively new to the market and are focused on growth," says Grebbien.

In March 2015, Parsons acquired T.J. Cross Engineers Inc., an oil-and-gas professional services firm headquartered in Bakersfield, Calif. "Through this acquisition, we've established a strong platform in the heavy oil market, and our Bakersfield team continues to gain market share through execution excellence," Grebbien says.

Lower oil prices have made some indirect im-

Ports | "Panamaxing" Gulfport, Miss.

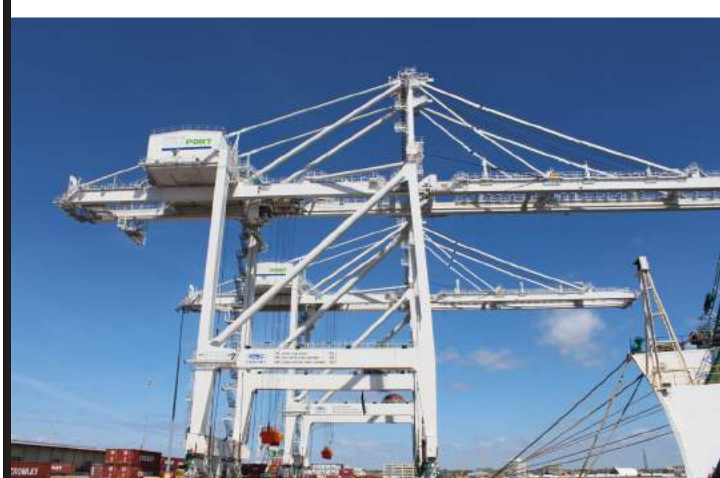


PHOTO COURTESY NEE-SCHAFFER INC.

Neel-Schaffer **(No. 187)** is the lead designer on the Mississippi Gulf Coast's $570-million Port of Gulfport Restoration project (above), which will accommodate larger ships that will be coming through the expanded Panama Canal. ■

The Top 100 Pure Designers

RANK		FIRM TYPE
1	CH2M	EC
2	WSP I PARSONS BRINCKERHOFF	EA
3	ARCADIS NORTH AMERICA/CALLISONRTKL	EA
4	GENSLER	A
5	STANTEC INC.	EAL
6	INTERTEK - PSI	E
7	WORLEYPARSONS	EC
8	HNTB COS.	EA
9	BUREAU VERITAS	E
10	LOUIS BERGER	AEP
11	GHD INC.	E
12	KIMLEY-HORN	E
13	CDI CORP.	EA
14	TRC COS. INC.	E
15	SARGENT & LUNDY LLC	E
16	TERRACON CONSULTANTS INC.	E
17	FUGRO USA	GE
18	HATCH MOTT MACDONALD	E
19	PERKINS+WILL	A
20	HOK	AE
21	EXP US SERVICES INC	E
22	STV GROUP INC.	EA
23	POWER ENGINEERS INC.	EA
24	ATKINS NORTH AMERICA	EA
25	HKS INC.	A
26	SKIDMORE, OWINGS & MERRILL LLP	AE
27	DEWBERRY	EA
28	BROWN AND CALDWELL	EC
29	KLEINFELDER	EA
30	GANNETT FLEMING	EA
31	T.Y. LIN INTERNATIONAL	EA
32	ARUP	E
33	ENERCON SERVICES INC.	EA
34	GEOSYNTEC CONSULTANTS INC.	E
35	GREENMAN-PEDERSEN INC.	E
36	CHA CONSULTING INC.	EA
37	THORNTON TOMASETTI INC.	EA
38	LANGAN ENG'G, ENVIRO., SURVEYING	E
39	CANNONDESIGN	AE
40	IBI GROUP	AE
41	SMITHGROUPJJR	AE
42	TRANSYSTEMS	EA
43	JOHNSON, MIRMIRAN & THOMPSON INC.	EA
44	PERKINS EASTMAN	A
45	RUMMEL, KLEPPER & KAHL LLP	E
46	VHB	E
47	KOHN PEDERSEN FOX ASSOCIATES PC	A
48	RS&H INC.	EA
49	STANLEY CONSULTANTS INC.	EA
50	HAZEN AND SAWYER	E
51	NV5 GLOBAL INC.	E
52	HARGROVE ENGINEERS + CONSTRUCTORS	E
53	KCI TECHNOLOGIES INC.	EC
54	PENNONI	E
55	WOODS BAGOT	A
56	WOODARD & CURRAN	E
57	CORGAN	A
58	S&ME INC.	E
59	DLR GROUP	AE
60	LEO A DALY	AE
61	NBBJ	A
62	ECS	E
63	ZGF ARCHITECTS LLP	A
64	GRESHAM, SMITH AND PARTNERS	AE
65	EYP INC.	AE
66	DAVID EVANS AND ASSOCIATES INC.	EA
67	HAMMEL, GREEN AND ABRAHAMSON INC.	AE
68	GEI CONSULTANTS INC.	E
69	FOTH COS.	E
70	PAGE	AE
71	BRAUN INTERTEC	GE
72	POPULOUS	A
73	NORR	AE
74	MOFFATT & NICHOL	E
75	SURVEYING AND MAPPING LLC (SAM)	O
76	GAI CONSULTANTS INC.	E
77	KPFF CONSULTING ENGINEERS	E
78	GHAFARI ASSOCIATES LLC	EA
79	AMBITECH ENGINEERING CORP.	EC
80	EN ENGINEERING	E
81	ECOLOGY AND ENVIRONMENT INC.	ENV
82	ROLF JENSEN & ASSOCIATES INC.	E
83	WHITMAN, REQUARDT AND ASSOCIATES LLP	EA
84	SIMPSON GUMPERTZ & HEGER	E
85	WISS, JANNEY, ELSTNER ASSOCIATES	EA
86	VOLKERT INC.	E
87	OLSSON ASSOCIATES INC.	E
88	MERRICK & CO.	EA
89	IMEG/KJWW/TTG	E
90	CRB	EA
91	CIVIL & ENVIRONMENTAL CONSULTANTS	E
92	KADRMAS LEE & JACKSON INC. (KLJ)	E
93	WOOLPERT INC.	EA
94	ALFRED BENESCH & CO.	E
95	MORRISON HERSHFIELD	EA
96	LJA ENGINEERING INC.	E
97	VANDERWEIL ENGINEERS	E
98	HAKS	EA
99	BARR ENGINEERING CO.	E
100	AFFILIATED ENGINEERS INC.	E

KEY TO TYPE OF FIRM
A=architect, **E**=engineer, **EC**=engineer-contractor
AE=architect-engineer, **EA**=engineer-architect
ENV=environmental, **GE**=geotechnical engineer
L=landscape architect, **P**=planner and **O**=other.
Other combinations are possible. Firms classified themselves.

pacts. Some designers say the resulting lower energy costs will discourage customers from pursuing sustainable design as there is little early payoff from their green investment. "Decreased energy prices have made it more difficult to advocate for systems with higher energy efficiency. This has a ripple effect of making alternative energy sources and more innovative systems more difficult to incorporate into projects," says Rick Hombsch, principal at HGA Architects and Engineers.

Not all designers see this as a major concern. "The fall in oil prices … is a relatively minor blip in the larger patterns. No one is saying, 'Stop being green and stop innovating because of the price of oil went down,'" says Kevin Hydes, CEO of The Integral Group.

On the Web

For expanded content on ENR's Top Lists, see ENR.com/toplists.

Utilities Are Still Waiting

The traditional power-generation market continues to be sluggish as regulatory uncertainty and a soft demand for new capacity has constrained producers from making heavy investments in new plants. "The U.S. is a stable, mature market, with limited demand for new capacity. Energy conservation efforts have cut down on capacity demand," says Ed Walsh, president of the power business for Black & Veatch. He says a lot of the work now is driven by regulations.

Walsh says the U.S. Supreme Court's June ruling,

#23 **CDM SMITH** and CH2M (No. 3) are joint venture partners to design the 320 MGD Northeast Water Purification Plant Expansion in Houston.

which forced the U.S. Environmental Protection Agency to reconsider the costs of its Clean Air Act enforcement regulations, has caused the regulatory uncertainty to ramp up. "After the ruling, people at utilities are asking, 'Now what?' " he says. "And now that the EPA has set its sights on methane, utilities are reassessing decisions on the retirement of existing plants."

Walsh says the real activity is in renewables. That work has been a boost to Black & Veatch, he says. "When a group invests in solar or wind plants, they want an experienced firm to ensure that the resulting design is up to utility-grade standards to safeguard their investment," he says.

Many firms in the power sector see renewables as a good market. "We continue to see strength in the power-generation and transmission markets, particularly with renewable energy sources," says Kevin Langwell, senior vice president of Terracon Consultants Inc. He says the technological advances, combined with falling prices and production tax credits, are very favorable to overall market expansion.

Still About Staffing

The market crash of 2008 still is having an impact on the design profession. There were estimates that as many as 40% of U.S. architects lost their jobs in the deep recession. Many never returned, which has led to a skills shortage today.

"Engineers are being drawn to other creative fields. On the architecture side, there is a shortage of experienced staff. There are a lot of older staff and younger staff, but there is a vacuum in that middle range of architects with 15 or so years of experience. We need to bridge that gap and bring more people into the industry," says Roy L. Follmuth, vice president of Leo A Daly.

Further, pricing pressure is forcing design firms to scramble to stay within budgets. Many firms say the commoditization of design is taking its toll on employees. "As more firms merge or are sold, staff levels and employee benefits are being reduced to lower overhead and drive down perceived costs. This cost-driven focus reduces employee satisfaction and commitment to excellence while increasing staff turnover"—all of which negatively impacts performance, according to Brooks Peed, chairman of Kimley-Horn.

Peed says Kimley-Horn is focused on providing an outstanding work environment and exceptional benefit packages in order to attract the strongest professionals. He says the firm's success at this was shown early this year, when Kimley-Horn was ranked No. 7 among all companies in the U.S. on the Fortune Magazine 2016 list of the 100 Best Companies to Work For. Only one other design firm, Burns & McDonnell, (No. 16) made that list.

Syska Hennessy Group has developed a long-term training program to attract and retain young people. Its engineering development program exposes young staff to the firm's leaders and technical experts, says Cyrus Izzo, co-president. After a couple of years, young staff members graduate into the Syska Employee Network of Support and Education (SENSE) program, which develops staff and talent management by sharing technical knowledge and fostering communication and culture across the company, he says.

Izzo says the training program gives young people the ability to set the agenda for initiatives that are important to them and gives them a powerful voice in the direction the firm is heading. "The very act of self-leadership creates a dynamic [in which] crucial skills are developed and nurtured, thereby

Petroleum | By Gary J. Tulacz

New Pipeline Rules Proposed

PHOTO AP/NOAH BERGER

On Sept. 9, 2010, a 30-in.-dia, Pacific Gas & Electric-owned natural-gas pipeline exploded (above), killing eight people in a residential neighborhood of San Bruno, Calif.

In response, the U.S. Dept. of Transportation's Pipeline and Hazardous Materials Safety Administration (PHMSA) on April 8 issued a notice of proposed rule-making to tighten rules for the inspection and integrity management of gas pipelines. It would create a new category for inspections and maintenance of pipelines and add new mapping and inspection rules.

Many design firms say the steep drop in oil-and-gas prices has hurt some petroleum markets. But firms in the pipeline inspection and environmental markets say there will be a new demand for work due to the proposed PHMSA regulations.

"The proposed PHMSA rule-making for gas transmission could have an immediate impact on pipeline operators as well as utilities," says Gregory Corso, senior vice president of CHA Consulting **(No. 59)**. He says there will be an immediate need for integrity management expertise and analytics, placing a major demand on the pipeline industry.

This market should grow quickly as pipeline operators and utilities are forced to map and inspect their lines. "We are facing a potential catastrophe every day that these lines are not checked for integrity and repairs are not made. That is why we invested in Willbros—to address this need," says Chris Vincze, CEO of TRC Cos **(No. 30)**. ■

The Top 500 Dialogue

Do you see any trends facing the design profession or the industry as a whole?

KEVIN LANGWELL, SENIOR VP
TERRACON CONSULTANTS INC.
Olathe, Kan.

Commoditization [of design fees] continues to be a problem. Until we, as an engineering profession, refuse to let our services be "given away" in a race-to-the-bottom pricing game, clients will continue to view us that way.

B. NARAYANAN, CEO
CAROLLO ENGINEERS INC.
Walnut Creek, Calif.

The facilities we build are intended to operate for several decades, and their functionality is directly correlated to the quality of their designs. When design becomes a commodity, quality is inevitably compromised.

JONATHAN FRIEDAN, PRINCIPAL
BALLINGER
Philadelphia

Low fossil-fuel prices … lessen the financial incentive [for owners] to keep innovating. Sustainability is more grounded in codes today, which is a good thing, as sustainability has temporarily faded in priority for many owners.

PHILIP M. DAVIS, SENIOR VP
FISHBECK, THOMPSON, CARR & HUBER
Grand Rapids, Mich.

Due to immediate demand, younger, talented designers may be diverted to production mode. Midcareer designers are often placed in the role of mentor on top of fast-paced design time lines, creating the potential for burnout.

SCOTT STEWART, CEO
IBI GROUP
Irvine, Calif.

We are seeing a blurring of the lines between client, designer-engineer-architect, builder-developer and end user. Driven by technology, firms we once considered clients or vendors can increasingly be seen as partners.

Do you see any existing or new technologies that are helping to change the design process?

TOM MITCHELL, CEO
BERGMANN ASSOCIATES
Rochester, N.Y.

The integrated use of [drones], scanning, GIS and 5D technologies has moved from mere service enhancement to an offering that is an invaluable design tool, business development asset and a true differentiator.

VIRGINIA GREBBIEN, CHIEF OF STAFF
PARSONS
Pasadena, Calif.

Laser-scanning technology has decreased in cost significantly and is now at a level where it is practical to use for progress scans to verify value in the field and provide feedback to the design team of field conditions.

RICK DOMYSLAWSKI, EXEC. VP
DAY & ZIMMERMANN
Philadelphia

When 3D laser-scanning technology is coupled with advancements in 3D modeling software, the cost savings can be tremendous. We had a scan done for a facility in the U.K., and, as a result, we did all the design work from the U.S.

JOSEPH VISCUSO, SENIOR VP
PENNONI
Philadelphia

Pennoni has developed and launched a proprietary web-based, active energy management platform that enables end users of all sizes to better manage their energy budget and optimize their energy use.

GLENN BELL, CEO
SIMPSON GUMPERTZ & HEGER
Waltham, Mass.

Technology is commoditizing parts of design work that lend themselves to machines. Engineers will leave to machines the things machines are best at and, instead, focus on creativity, innovation, collaboration, and leadership.

#193 **HGA** is the lead architect and engineer for the $307-million preservation and remodeling of the Minnesota state capitol.

providing training and guidance as our future leaders develop very organically from within," Izzo says.

More Than Shiny New Toys

Technology is allowing firms to work more efficiently and quickly. However, many firms are looking at larger technological issues that are beginning to impact not how they design, but what they design. An example of this is the "internet of things," which promises to interconnect all systems and devices.

The internet of things hasn't yet fully shown its overall impact on the design industry. "What is probable is the deployment of more sensors, the need to account for bandwidth and prioritization of the data, and the ultimate harvesting to provide actionable insight, maintenance tasks, or actual building performance," says Stephen W. Held, vice president of Leo A Daly.

"We are already seeing the profound impact of the internet of things. As it migrates from early adopters to broad acceptance around the globe, it will engage everything we own, from appliances and electronics to vehicles and building controls. Our ability to manage and optimally control all of these elements has the potential to be very positive for our health," says Izzo.

However, the faster technology evolves, the more problems arise. "The capacity of our tools are now very far ahead of our ability to maximize our use of them," says Troy Thompson, managing partner at SmithGroupJJR. BIM, data visualization tools and social media are reshaping how the design and construction industries relate to one another. "But, until we creatively tackle the 20th-century legal, liability and insurance limitations of our industry, our tools will always fall short of maximizing the value that is added through integrated design and construction," he says.

But for many designers, the technology is simply a tool that people must be willing to embrace. "There are a lot of new technologies out there. But technology is not about a gadget or new software. It is a whole way of thinking," says Werner. ■

Technology | By Debra K. Rubin

AECOM: Aiming for Disruption

AECOM **(No. 1)** disrupted size norms in the design world in 2014, when it purchased URS Corp. By the end of last year, it became an $18-billion engineer-construct behemoth with more than 90,000 staffers. The firm now is building on broader capabilities to cast its lot with uber-disruptor Elon Musk, CEO of Space-X, and allies to build U.S. test beds to assess the viability of the ultra-high-tech Hyperloop transportation system that one day could move people and goods in levitating pods through vacuum tubes at up to 750 miles per hour.

The business arrangements of the Hyperloop builders are as new-wave as their technology, and details on their staffing, activities, project costs and contracting are shrouded in secrecy. Hyperloop Transportation Technologies Inc. (HTT)—an independent Space-X technology developer with which AECOM announced an arrangement last year to build a test track in Quay Valley, Calif.—says its project development firms and staffers work part-time in exchange for stock in the company while keeping their day jobs. But AECOM played down that stock link in media coverage of its contract announced in January to build a five-mile test track for Space-X near its Hawthorne, Calif., base. The engineer also is believed to be part of test-track development, near Las Vegas, for yet another Hyperloop startup, Hyperloop Technologies Inc.(above). But AECOM in January told The Verge, a technology publication, that it "has not endorsed or validated any technology or approach."

An AECOM spokesman says the churning pace and clients' secrecy in Hyperloop work have kept details on test-track progress and technology sporadic and cryptic. But HTT in March announced a signed agreement with Slovakia to "explore building" an actual route, and drone footage captured by media show building progress, with "open-air" tests possibly not far off. ■

PHOTO HYPERLOOP TECHNOLOGIES INC.

How To Read the Tables

KEY TO TYPE OF FIRM
A architect, **E** engineer, **EC** engineer-contractor, **AE** architect-engineer, **EA** engineer-architect, **ENV** environmental, **GE** geotechnical engineer, **L** landscape architect, **P** planner and **O** other, Other combinations are possible. Firms classified themselves.

Companies are ranked according to revenue for design services performed in 2015 in $ millions (*). Those with subsidiaries are indicated by (†). For information on subsidiaries and where each firm worked outside of the U.S., see www.enr.com. **Firms not ranked last year. Some markets may not add up to 100% due to omission of "other" miscellaneous market category and rounding. NA-Not available.

General Building as a category includes commercial buildings, offices, stores, educational facilities, government buildings, hospitals, medical facilities, hotels, apartments, housing, etc.

Hazardous Waste includes chemical and nuclear waste treatment, asbestos and lead abatement, etc.

Industrial Process comprises pulp and paper mills, steel mills, nonferrous metal refineries, pharmaceutical plants, chemical plants, food and other processing plants, etc.

Manufacturing includes auto, electronic assembly, textile plants, etc.

Petroleum includes refineries, petrochemical plants, offshore facilities, pipelines, etc.

Power comprises thermal and hydroelectric power plants, waste-to-energy plants, transmission lines, substations, cogeneration plants, etc.

Sewerage / Solid Waste includes sanitary and storm sewers, treatment plants, pumping plants, incinerators, industrial waste facilities, etc.

Telecommunications comprises transmission lines and cabling, towers and antennae, data centers, etc.

Transportation includes airports, bridges, roads, canals, locks, dredging, marine facilities, piers, railroads, tunnels, etc.

Water Supply includes dams, reservoirs, transmission pipelines, distribution mains, irrigation canals, desalination and potability treatment plants, pumping stations, etc.

The Top 500 List

RANK 2016	2015	FIRM	FIRM TYPE	2015 REVENUE $ MIL. TOTAL	INT'L	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM
1	1	**AECOM,** Los Angeles, Calif.	EA	7,627.9	2,712.4	19	0	5	7	4	6	38	22	0
2	2	**JACOBS,** Pasadena, Calif.†	EAC	6,070.0	2,930.0	14	4	4	2	1	40	21	12	2
3	4	**CH2M,** Englewood, Colo.†	EC	3,421.1	1,361.3	2	5	0	15	17	14	32	15	0
4	3	**FLUOR CORP.,** Irving, Texas†	EC	3,237.9	2,119.6	0	1	3	0	0	86	0	9	0
5	6	**AMEC FOSTER WHEELER,** Tucker, Ga.†	EC	3,171.7	1,453.3	5	3	9	2	2	55	7	6	0
6	5	**CB&I INC.,** The Woodlands, Texas†	EC	2,483.4	982.1	0	0	3	0	0	84	0	0	0
7	7	**TETRA TECH INC.,** Pasadena, Calif.†	E	2,225.0	622.0	1	1	8	42	9	16	2	20	0
8	8	**BECHTEL,** San Francisco, Calif.†	EC	1,963.0	1,168.0	2	0	9	0	0	59	9	15	5
9	9	**HDR,** Omaha, Neb.†	EA	1,911.5	168.8	19	0	12	10	9	1	46	1	0
10	10	**PARSONS,** Pasadena, Calif.†	EC	1,867.4	586.4	16	0	2	2	9	3	52	12	2
11	16	**WSP I PARSONS BRINCKERHOFF,** New York, N.Y.†	EA	1,518.4	81.3	14	0	22	4	1	6	53	0	0
12	13	**ARCADIS NORTH AMERICA/CALLISONRTKL,** Highlands Ranch, Colo.†	EA	1,453.0	308.0	28	0	0	10	7	0	4	50	0
13	11	**WOOD GROUP MUSTANG INC.,** Houston, Texas†	EC	1,306.5	573.4	0	2	0	0	0	98	0	0	0
14	17	**BURNS & MCDONNELL,** Kansas City, Mo.	EAC	1,298.0	72.8	6	2	55	2	5	17	9	4	0
15	15	**BLACK & VEATCH,** Overland Park, Kan.†	EC	1,240.4	341.8	4	0	47	16	14	8	0	2	10
16	18	**GENSLER,** San Francisco, Calif.	A	1,181.0	291.1	94	0	0	0	0	0	4	0	2
17	12	**KBR,** Houston, Texas	EC	1,160.5	915.4	0	0	5	3	0	83	9	0	0
18	19	**STANTEC INC.,** Irvine, Calif.†	EAL	1,125.0	0.0	28	0	7	11	7	12	28	4	0
19	53	**INTERTEK - PSI,** Oakbrook Terrace, Ill.†	E	1,107.3	541.3	18	5	14	0	0	53	6	2	1
20	14	**WORLEYPARSONS,** Houston, Texas†	EC	916.2	171.6	0	0	17	0	0	82	0	1	0
21	20	**HNTB COS.,** Kansas City, Mo.	EA	915.0	1.7	2	0	0	2	1	0	95	0	0
22	21	**MWH GLOBAL,** Broomfield, Colo.†	EC	826.6	461.5	2	0	14	36	43	0	4	0	0
23	22	**CDM SMITH,** Boston, Mass.†	EC	723.8	145.2	2	0	2	20	31	3	26	16	0
24	34	**BUREAU VERITAS,** Fort Lauderdale, Fla.†	E	710.2	0.0	14	10	5	3	3	37	8	7	3
25	28	**S&B ENGINEERS AND CONSTRUCTORS LTD. & AFFILIATES,** Houston, Texas†	EC	700.3	0.0	0	0	0	1	0	98	1	0	0
26	25	**LOUIS BERGER,** Morristown, N.J.†	AEP	698.4	346.5	1	0	11	10	1	4	58	8	0
27	27	**GHD INC.,** Irvine, Calif.†	E/ENV	694.2	288.1	14	0	1	4	11	7	5	55	1
28	31	**KIMLEY-HORN,** Raleigh, N.C.	E	628.8	3.2	42	0	1	7	0	0	50	0	0
29	26	**CDI CORP.,** Philadelphia, Pa.†	EA	576.4	196.3	10	11	9	0	0	56	11	0	1
30	32	**TRC COS. INC.,** Lowell, Mass.†	E	573.1	10.3	5	0	35	0	0	12	15	33	0
31	30	**SARGENT & LUNDY LLC,** Chicago, Ill.†	E	539.1	83.3	0	0	100	0	0	0	0	0	0
32	35	**TERRACON CONSULTANTS INC.,** Olathe, Kan.†	E	538.0	4.6	50	2	9	3	3	8	14	8	3
33	29	**FUGRO USA,** Houston, Texas†	GE	525.0	195.0	0	0	9	2	0	48	6	0	0
34	36	**HATCH MOTT MACDONALD,** Iselin, NJ†	E	519.5	150.5	2	0	0	5	10	33	46	2	0
35	33	**MICHAEL BAKER INTERNATIONAL,** Pittsburgh, Pa.†	EA	509.0	5.9	16	0	0	17	0	8	50	6	2
36	38	**PERKINS+WILL,** Chicago, Ill.†	A	484.2	136.4	94	0	0	0	0	0	6	0	0
37	40	**LEIDOS,** Reston, Va.†	EAC	460.4	8.1	6	8	42	0	0	9	2	12	0
38	37	**HOK,** St. Louis, Mo.	AE	440.0	139.1	89	0	0	0	0	0	11	0	0
39	24	**EXP US SERVICES INC.,** Chicago, Ill.†	E	400.0	270.0	39	0	2	4	5	8	15	0	5
40	39	**STV GROUP INC.,** New York, N.Y.†	EA	398.7	4.4	16	0	0	0	0	0	84	0	0
41	45	**POWER ENGINEERS INC.,** Hailey, Idaho	EA	396.2	32.3	0	0	89	0	0	9	0	0	2
42	42	**ATKINS NORTH AMERICA,** Tampa, Fla.	EA	373.3	16.0	18	3	4	11	0	12	52	0	0
43	51	**KIEWIT CORP.,** Omaha, Neb.	EC	371.6	0.6	0	0	81	2	0	14	0	3	0
44	52	**HKS INC.,** Dallas, Texas†	A	363.8	39.7	96	0	0	0	0	0	4	0	0
45	44	**SKIDMORE, OWINGS & MERRILL LLP,** New York, N.Y.†	AE	352.3	172.3	91	0	0	0	0	0	9	0	0
46	41	**DEWBERRY,** Fairfax, Va.†	EA	343.5	1.9	37	0	5	15	7	0	33	1	3
47	46	**BROWN AND CALDWELL,** Walnut Creek, Calif.†	EC	341.0	0.0	0	0	0	20	52	0	0	28	0
48	43	**KLEINFELDER,** San Diego, Calif.†	EA	318.7	56.0	12	1	2	14	10	11	22	28	1
49	49	**GANNETT FLEMING,** Camp Hill, Pa.†	EA	318.6	21.7	5	0	7	11	4	3	66	4	0
50	50	**T.Y. LIN INTERNATIONAL,** San Francisco, Calif.†	EA	317.5	150.2	11	0	0	1	1	0	87	0	0

#10 **PARSONS** acquired T.J. Cross Engineers Inc.—an oil-and-gas professional services firm, based in Bakersfield, Calif.—in March 2015.

RANK 2016	RANK 2015	FIRM	FIRM TYPE	2015 REVENUE $ MIL. TOTAL	2015 REVENUE $ MIL. INT'L	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM
51	47	**AEGION CORP.,** Chesterfield, Mo.†	EC	314.0	140.0	4	0	2	0	14	77	4	0	0
52	54	**ARUP,** New York, N.Y.†	E	298.7	28.4	48	0	0	1	0	10	39	0	1
53	56	**ENERCON SERVICES INC.,** Kennesaw, Ga.†	EA	292.0	22.5	0	1	90	1	0	9	0	0	0
54	57	**GEOSYNTEC CONSULTANTS INC.,** Atlanta, Ga.†	E	274.3	38.6	0	0	8	9	17	10	3	50	0
55	48	**ZACHRY GROUP,** San Antonio, Texas†	EC	271.0	1.0	0	0	84	0	0	15	1	0	0
56	55	**GULF INTERSTATE ENGINEERING,** Houston, Texas†	EA	254.0	22.8	0	0	0	0	0	100	0	0	0
57	62	**GREENMAN-PEDERSEN INC.,** Babylon, N.Y.†	E	247.5	0.9	9	0	5	1	0	1	80	0	0
58	58	**GOLDER ASSOCIATES INC.,** Atlanta, Ga.†	EC	240.9	6.9	0	7	15	3	13	19	6	1	0
59	60	**CHA CONSULTING INC.,** Albany, N.Y.†	EA	238.0	5.0	25	24	13	2	3	7	24	2	0
60	71	**THORNTON TOMASETTI INC.,** New York, N.Y.	EA	233.7	62.2	86	0	1	0	0	0	12	0	0
61	64	**LANGAN ENG'G, ENVIRO., SURVEYING & LANDS. ARCH.,** Parsippany, N.J.†	E	231.5	13.5	48	0	5	0	0	9	10	28	0
62	67	**CANNONDESIGN,** Grand Island, N.Y.	AE	228.4	34.2	100	0	0	0	0	0	0	0	0
63	143	**IBI GROUP,** Irvine, Calif.†	AE	228.1	125.0	66	9	2	2	2	0	15	0	0
64	65	**SMITHGROUPJJR,** Detroit, Mich.	AE	222.1	6.5	100	0	0	0	0	0	0	0	0
65	69	**CAROLLO ENGINEERS INC.,** Walnut Creek, Calif.	E	211.7	0.0	0	0	0	37	63	0	0	0	0
66	63	**TRANSYSTEMS,** Kansas City, Mo.	EA	208.0	0.0	0	0	0	0	0	0	100	0	0
67	75	**JOHNSON, MIRMIRAN & THOMPSON INC.,** Sparks, Md.	EA	196.4	0.0	8	0	0	0	6	0	86	0	0
68	68	**PERKINS EASTMAN,** New York, N.Y.†	A	195.0	46.8	100	0	0	0	0	0	0	0	0
69	73	**RUMMEL, KLEPPER & KAHL LLP,** Baltimore, Md.	E	185.7	0.0	2	0	0	5	7	2	84	0	0
70	72	**VHB,** Watertown, Mass.	E	185.0	0.0	27	0	10	0	1	0	58	2	2
71	61	**KOHN PEDERSEN FOX ASSOCIATES PC,** New York, N.Y.	A	184.5	143.5	78	0	0	0	0	0	22	0	0
72	70	**RS&H INC.,** Jacksonville, Fla.†	EA	184.0	0.0	8	8	0	0	0	0	84	0	0
73	66	**STANLEY CONSULTANTS INC.,** Muscatine, Iowa†	EA	183.1	39.8	7	0	48	9	5	0	32	0	0
74	76	**HAZEN AND SAWYER,** New York, N.Y.	E	183.1	5.1	0	0	0	31	69	0	0	0	0
75	124	**NV5 GLOBAL INC.,** Hollywood, Fla.†	E	181.0	0.5	32	0	24	5	2	0	35	0	2
76	90	**HARGROVE ENGINEERS + CONSTRUCTORS,** Mobile, Ala.†	E	176.7	0.0	0	0	18	0	0	81	0	0	0
77	77	**KCI TECHNOLOGIES INC.,** Sparks, Md.†	EC	169.9	0.0	15	0	8	7	7	0	43	1	17
78	95	**PENNONI,** Philadelphia, Pa.†	E	167.6	0.3	30	0	2	2	4	9	40	6	2
79	79	**WOODS BAGOT,** New York, N.Y.†	A	165.0	136.0	95	0	0	0	0	0	5	0	0
80	74	**WOODARD & CURRAN,** Portland, Maine†	E	160.5	0.0	3	8	6	13	37	5	1	28	0
81	120	**CORGAN,** Dallas, Texas	A	160.0	2.6	36	0	0	0	0	0	42	0	22
82	89	**S&ME INC.,** Charlotte, N.C.†	E	159.8	0.0	34	6	7	6	11	13	12	10	1
83	94	**DLR GROUP,** Minneapolis, Minn.	AE	158.4	5.3	100	0	0	0	0	0	0	0	0
84	81	**LEO A DALY,** Omaha, Neb.†	AE	154.0	6.8	45	3	0	16	6	0	30	0	0
85	78	**NBBJ,** Seattle, Wash.†	A	154.0	30.0	100	0	0	0	0	0	0	0	0
86	86	**ECS,** Chantilly, Va.†	E	153.9	01.0	42	7	4	2	15	2	10	17	1
87	91	**ZGF ARCHITECTS LLP,** Portland, Ore.	A	153.9	20.2	96	0	0	0	0	0	3	0	0
88	173	**BURROW GLOBAL LLC,** Houston, Texas†	EA	152.0	0.6	0	0	0	0	0	99	0	0	0
89	97	**GRESHAM, SMITH AND PARTNERS,** Nashville, Tenn.	AE	151.0	3.2	42	7	0	4	14	1	32	0	0
90	84	**EYP INC.,** Albany, N.Y.†	AE	149.6	0.1	100	0	0	0	0	0	0	0	0
91	108	**DAVID EVANS AND ASSOCIATES INC.,** Portland, Ore.	EA	144.4	0.0	16	0	1	1	1	0	46	0	0
92	119	**TRANSCORE,** Nashville, Tenn.	EC	143.8	2.4	0	0	0	0	0	0	100	0	0
93	101	**HAMMEL, GREEN AND ABRAHAMSON INC.,** Minneapolis, Minn.	AE	142.8	1.5	100	0	0	0	0	0	0	0	0
94	107	**GEI CONSULTANTS INC.,** Woburn, Mass.†	E	142.6	0.9	15	0	7	33	3	1	10	28	0
95	83	**SCS ENGINEERS,** Long Beach, Calif.†	ENV	142.5	2.9	0	0	0	0	100	0	0	0	0
96	88	**FOTH COS.,** De Pere, Wis.†	E	141.6	6.5	0	0	0	3	7	61	9	20	0
97	106	**PAGE,** Washington, D.C.	AE	139.0	44.6	80	10	0	0	0	0	0	0	10
98	111	**BRAUN INTERTEC,** Minneapolis, Minn.	GE	138.0	0.0	36	0	13	1	0	20	20	5	0
99	105	**POPULOUS,** Kansas City, Mo.†	A	137.9	54.3	99	0	0	0	0	0	1	0	0
100	118	**NORR,** Chicago, Ill.†	AE	137.6	111.7	96	0	0	0	0	0	4	0	0

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101	87	**MOFFATT & NICHOL,** Long Beach, Calif.†	E	137.0	19.0	0	0	0	0	0	0	100	0	0
102	93	**SURVEYING AND MAPPING LLC (SAM),** Austin, Texas†	O	134.5	0.0	2	0	15	0	1	56	23	0	0
103	110	**GAI CONSULTANTS INC.,** Homestead, Pa.†	E	134.5	0.1	15	0	29	0	2	24	30	0	0
104	80	**BABCOCK & WILCOX ENTERPRISES INC.,** Charlotte, N.C.†	E	133.2	91.4	0	0	96	0	0	4	0	0	0
105	102	**KPFF CONSULTING ENGINEERS,** Seattle, Wash.†	E	132.9	2.7	96	0	0	0	4	0	0	0	0
106	99	**GHAFARI ASSOCIATES LLC,** Dearborn, Mich.†	EA	130.5	35.6	4	72	0	0	0	5	19	0	0
107	103	**AMBITECH ENGINEERING CORP.,** Downers Grove, Ill.	EC	130.2	16.3	0	0	0	0	0	100	0	0	0
108	113	**EN ENGINEERING,** Warrenville, Ill.†	E	128.5	1.2	0	0	0	0	0	100	0	0	0
109	125	**M+W GROUP,** Albany, N.Y.	EC	128.2	0.5	0	100	0	0	0	0	0	0	0
110	96	**ECOLOGY AND ENVIRONMENT INC.,** Lancaster, N.Y.†	ENV	126.7	40.5	0	0	30	2	3	36	2	24	3
111	**	**JENSEN HUGHES,** Chicago, Ill.†	E	126.3	15.8	47	0	43	0	0	5	5	0	0
112	114	**WHITMAN, REQUARDT AND ASSOCIATES LLP,** Baltimore, Md.	EA	126.2	0.0	20	0	0	12	14	0	52	0	0
113	121	**SIMPSON GUMPERTZ & HEGER,** Waltham, Mass.	E	123.0	6.8	67	6	12	4	0	2	7	0	0
114	112	**WISS, JANNEY, ELSTNER ASSOCIATES,** Northbrook, Ill.	EA	123.0	3.1	87	0	1	2	0	0	7	0	2
115	98	**VOLKERT INC.,** Mobile, Ala.	E	122.7	0.0	5	0	0	1	4	0	90	0	0
116	115	**OLSSON ASSOCIATES INC.,** Lincoln, Neb.	E	122.1	0.0	39	0	1	10	3	3	21	3	1
117	138	**MERRICK & CO.,** Greenwood Village, Colo.†	EA	121.9	12.9	2	34	1	10	0	10	0	0	0
118	204	**IMEG/KJWW/TTG,** Rock Island, Ill.†	E	121.7	0.7	93	0	3	2	0	0	3	0	0
119	85	**SSOE GROUP,** Toledo, Ohio†	EA	121.0	12.9	14	47	4	0	1	32	0	0	2
120	123	**CRB,** Kansas City, Mo.	EA	121.0	10.0	9	0	0	0	0	91	0	0	0
121	117	**CIVIL & ENVIRONMENTAL CONSULTANTS INC.,** Pittsburgh, Pa.	E	120.0	0.0	17	0	4	0	23	40	2	9	0
122	104	**KADRMAS LEE & JACKSON INC. (KLJ),** Bismarck, N.D.	E	119.9	0.0	1	0	6	7	9	12	43	0	7
123	100	**OBG,** Syracuse, N.Y.	EC	118.7	0.5	0	12	0	10	21	19	0	38	0
124	135	**WOOLPERT INC.,** Dayton, Ohio	EA	118.0	0.0	23	0	0	0	13	0	11	0	0
125	109	**HALEY & ALDRICH INC.,** Burlington, Mass.†	E	117.1	1.3	23	0	5	0	0	0	6	65	0
126	127	**ALFRED BENESCH & CO.,** Chicago, Ill.	E	116.5	0.0	1	0	0	2	2	0	93	2	0
127	82	**MORRISON HERSHFIELD,** Atlanta, Ga.†	EA	116.4	97.4	40	0	0	1	3	0	38	0	17
128	145	**LJA ENGINEERING INC.,** Houston, Texas†	E	115.2	1.0	5	0	0	21	22	8	37	0	0
129	122	**VANDERWEIL ENGINEERS,** Boston, Mass.	E	114.2	9.4	41	0	23	0	0	0	1	0	35
130	137	**EA ENGINEERING, SCIENCE, AND TECHNOLOGY INC. PBC,** Hunt Valley, Md.	ENV	111.3	0.0	4	3	11	5	17	12	13	36	0
131	132	**HAKS,** New York, N.Y.	EA	110.6	0.4	30	0	0	10	6	0	48	0	0
132	**	**BARR ENGINEERING CO.,** Minneapolis, Minn.	E	110.0	7.7	0	5	13	6	15	18	1	20	0
133	130	**AFFILIATED ENGINEERS INC.,** Madison, Wis.	E	108.4	6.0	74	3	11	0	0	9	0	0	2
134	126	**GZA,** Norwood, Mass.†	EC	107.5	0.2	17	0	1	9	2	0	8	63	0
135	128	**DLZ,** Columbus, Ohio†	EA	105.2	11.0	13	0	13	4	23	6	38	2	1
136	140	**PSOMAS,** Los Angeles, Calif.	E	104.8	0.0	31	0	5	10	7	17	29	1	0
137	136	**H.W. LOCHNER INC.,** Chicago, Ill.	E	102.7	0.0	0	0	0	0	0	0	100	0	0
138	133	**SYSKA HENNESSY GROUP,** New York, N.Y.†	E	99.4	7.5	57	0	2	0	0	0	3	0	39
139	131	**SHORT ELLIOTT HENDRICKSON INC.,** St Paul, Minn.†	EA	99.3	0.0	28	0	1	4	9	4	52	2	1
140	141	**HUITT-ZOLLARS INC.,** Dallas, Texas	EA	97.9	1.2	38	0	0	10	15	0	37	0	0
141	129	**MIDDOUGH INC.,** Cleveland, Ohio†	EA	96.0	8.0	11	19	17	0	0	53	0	0	0
142	158	**HENDERSON ENGINEERS INC.,** Lenexa, Kan.†	E	94.6	1.1	98	0	0	0	0	1	0	0	1
143	139	**FREESE AND NICHOLS INC.,** Fort Worth, Texas	EA	92.6	0.0	4	1	2	46	19	4	19	0	0
144	146	**IPS-INTEGRATED PROJECT SERVICES LLC,** Blue Bell, Pa.†	EA	92.5	22.8	0	0	0	0	0	25	0	0	0
145	142	**GPD GROUP,** Akron, Ohio	EA	92.3	0.3	39	0	6	4	0	0	21	0	23
146	168	**ATWELL LLC,** Southfield, Mich.†	EC	90.9	1.8	34	1	29	0	2	28	0	5	0
147	155	**SWCA ENVIRONMENTAL CONSULTANTS,** Phoenix, Ariz.	ENV	90.5	0.0	11	0	20	5	0	48	8	0	1
148	149	**HALFF ASSOCIATES INC.,** Richardson, Texas†	EA	90.1	0.0	7	1	1	23	20	11	27	6	0
149	150	**C&S COS.,** Syracuse, N.Y.	EA	90.0	0.0	31	3	2	3	4	4	43	4	3
150	161	**MASER CONSULTING PA,** Red Bank, N.J.	A	89.5	0.0	32	0	2	5	6	3	15	5	8

#60 **THORNTON-TOMASETTI INC.** acquired New York City-based structural engineering firm Weidlinger Associates in September 2015.

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151	147	**MEAD & HUNT INC.,** Middleton, Wis.	EA	89.1	0.0	7	0	1	6	2	2	76	0	3
152	154	**BROWN & GAY ENGINEERS INC.,** Houston, Texas	E	88.2	0.0	0	0	0	13	12	0	25	0	0
153	165	**WALTER P MOORE,** Houston, Texas	E	87.9	3.7	79	0	1	1	1	0	17	0	0
154	152	**MCCORMICK TAYLOR INC.,** Philadelphia, Pa.	E	84.0	0.0	0	0	0	0	0	0	100	0	0
155	148	**CLARK NEXSEN,** Virginia Beach, Va.	AE	83.9	2.8	68	0	0	0	1	5	18	0	4
156	**	**ELKUS MANFREDI ARCHITECTS,** Boston, Mass.	A	83.0	5.5	100	0	0	0	0	0	0	0	0
157	157	**KENNEDY/JENKS CONSULTANTS INC.,** San Francisco, Calif.	EA	82.0	0.0	2	5	0	32	39	5	15	2	0
158	160	**PAPE-DAWSON ENGINEERS INC.,** San Antonio, Texas	E	81.3	0.0	79	0	0	9	2	0	9	0	0
159	134	**RCM TECHNOLOGIES INC.,** Pennsauken, N.J.†	EA	80.7	28.0	6	32	62	0	0	0	0	0	0
160	162	**TECTONIC ENGINEERING & SURVEYING CONSULTANTS,** Mountainville, N.Y.†	E	78.7	0.0	34	0	4	2	2	0	33	0	25
161	156	**BOWMAN CONSULTING GROUP,** Chantilly, Va.	E	78.0	0.0	59	0	3	0	6	8	21	0	0
162	171	**THE BURKE GROUP,** Rosemont, Ill.†	E	78.0	0.0	38	5	0	4	6	1	22	0	1
163	172	**WATG I WIMBERLY INTERIORS,** Irvine, Calif.†	A	77.7	62.8	100	0	0	0	0	0	0	0	0
164	237	**STELLAR,** Jacksonville, Fla.	EA	77.6	7.8	56	0	0	0	0	44	0	0	0
165	144	**ANVIL CORP.,** Bellingham, Wash.†	E	76.0	0.0	0	0	0	0	0	100	0	0	0
166	164	**GREELEY AND HANSEN LLC,** Chicago, Ill.†	E	75.6	0.2	0	0	0	15	85	0	0	0	0
167	190	**ROBERT A.M. STERN ARCHITECTS,** New York, N.Y.†	A	75.0	17.7	100	0	0	0	0	0	0	0	0
168	167	**WALDEMAR S. NELSON AND CO. INC.,** New Orleans, La.	EA	74.8	25.7	1	0	1	0	2	81	1	1	0
169	163	**FLAD ARCHITECTS,** Madison, Wis.†	AE	74.1	1.5	100	0	0	0	0	0	0	0	0
170	166	**FARNSWORTH GROUP INC.,** Bloomington, Ill.	EA	73.5	0.6	45	2	1	5	9	27	11	0	0
171	176	**MESA ASSOCIATES INC.,** Madison, Ala.	EA	73.3	0.0	0	0	81	0	0	11	0	0	8
172	151	**DAY & ZIMMERMANN,** Philadelphia, Pa.†	EC	73.3	0.0	21	0	0	0	0	78	1	0	0
173	169	**BARTLETT & WEST INC.,** Topeka, Kan.	E	73.1	0.0	4	0	0	27	5	15	49	0	0
174	192	**GARVER,** North Little Rock, Ark.†	E	72.5	0.0	10	0	1	8	14	0	65	0	0
175	217	**BKF ENGINEERS,** Redwood CIty, Calif.	E	72.4	0.0	65	0	0	2	2	0	31	0	0
176	185	**DOWL,** Anchorage, Alaska	E	72.3	0.0	26	0	0	16	10	0	44	0	0
177	196	**KTGY ARCHITECTURE + PLANNING,** Irvine, Calif.†	A	71.7	0.7	100	0	0	0	0	0	0	0	0
178	191	**HMC ARCHITECTS,** Los Angeles, Calif.	A	71.2	0.2	100	0	0	0	0	0	0	0	0
179	203	**BOLTON & MENK INC.,** Mankato, Minn.	E	71.1	0.0	0	0	0	7	18	0	41	0	0
180	184	**STRAND ASSOCIATES INC.,** Madison, Wis.	E	70.5	0.0	1	0	0	7	39	5	38	0	0
181	170	**VOA ASSOCIATES INC.,** Chicago, Ill.	A	70.0	1.0	100	0	0	0	0	0	0	0	0
182	188	**JONESICARTER,** Bellaire, Texas	E	69.9	0.0	65	0	0	15	14	0	3	0	0
183	294	**LITTLE,** Charlotte, N.C.	AE	69.9	0.3	100	0	0	0	0	0	0	0	0
184	186	**ENGLOBAL U.S. INC.,** Houston, Texas	ENV	68.5	14.1	0	0	0	0	0	100	0	0	0
185	210	**BRPH,** Melbourne, Fla.	EA	67.4	2.0	24	75	0	0	0	0	1	0	0
186	178	**WESTON & SAMPSON,** Peabody, Mass.†	E	66.5	0.0	3	0	2	22	39	0	5	10	0
187	187	**NEEL-SCHAFFER INC.,** Jackson, Miss.†	E	66.3	0.0	0	0	0	1	13	0	54	6	9
188	195	**GEOENGINEERS INC.,** Seattle, Wash.	G/ENV	65.9	0.5	31	0	2	11	2	16	8	19	0
189	214	**EWINGCOLE,** Philadelphia, Pa.	AE	65.7	0.0	76	0	0	0	0	24	0	0	0
190	209	**SOLOMON CORDWELL BUENZ,** Chicago, Ill.	A	65.7	0.1	100	0	0	0	0	0	0	0	0
191	180	**WILSON & CO. INC., ENGINEERS & ARCHITECTS,** Albuquerque, N.M.	EA	65.1	0.0	9	0	2	4	2	11	63	0	0
192	177	**HANSON PROFESSIONAL SERVICES INC.,** Springfield, Ill.†	EA	65.1	0.8	9	0	13	3	2	2	69	0	2
193	242	**HGA,** Ruston, La.	A	65.0	0.0	0	2	2	0	0	91	2	0	0
194	235	**AKRF INC.,** New York, N.Y.	E/ENV	64.8	0.0	44	0	0	9	0	0	28	19	0
195	181	**AKF GROUP,** New York, N.Y.†	E	64.8	4.4	98	0	0	0	0	0	0	0	2
196	197	**T&M ASSOCIATES,** Middletown, N.J.†	E	64.7	0.0	10	5	2	7	21	0	45	11	0
197	230	**STUDIOS ARCHITECTURE,** Washington, D.C.	A	64.1	12.8	100	0	0	0	0	0	0	0	0
198	251	**LPA INC.,** Irvine, Calif.	A	64.1	0.0	100	0	0	0	0	0	0	0	0
199	**	**ELECTRICAL CONSULTANTS INC.,** Billings, Mont.†	E	64.0	0.4	0	0	88	0	0	12	0	0	0
200	179	**SMITH SECKMAN REID INC.,** Nashville, Tenn.	E	63.7	0.7	79	0	0	6	2	2	10	0	0

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201	183	**BARGE, WAGGONER, SUMNER AND CANNON INC.,** Nashville, Tenn.†	EA	63.4	1.7	27	21	1	10	15	2	14	3	1
202	215	**CUNINGHAM GROUP ARCHITECTURE INC.,** Minneapolis, Minn.†	A	63.3	11.7	100	0	0	0	0	0	0	0	0
203	175	**AMERICAN STRUCTUREPOINT INC.,** Indianapolis, Ind.	EA	63.1	0.0	24	6	0	6	9	0	52	0	3
204	231	**FISHBECK, THOMPSON, CARR & HUBER INC.,** Grand Rapids, Mich.	AE	62.9	0.0	27	0	0	8	12	0	27	7	0
205	246	**WARE MALCOMB,** Irvine, Calif.	A	62.8	5.5	95	5	0	0	0	0	0	0	0
206	199	**BERGMANN ASSOCIATES,** Rochester, N.Y.	AEP	62.4	0.5	41	3	3	5	1	5	31	0	0
207	229	**PBK,** Houston, Texas	AE	62.4	0.0	100	0	0	0	0	0	0	0	0
208	206	**HARLEY ELLIS DEVEREAUX,** Southfield, Mich.†	AE	62.1	0.1	65	35	0	0	0	0	0	0	0
209	189	**A. MORTON THOMAS AND ASSOCIATES INC.,** Rockville, Md.	E	61.1	0.0	20	0	0	5	7	0	68	0	0
210	220	**BR+A CONSULTING ENGINEERS LLC,** Boston, Mass.	A	61.0	1.4	100	0	0	0	0	0	0	0	0
211	219	**SCHNABEL ENGINEERING INC.,** Glen Allen, Va.†	GE	61.0	0.0	38	0	4	28	3	0	20	2	0
212	198	**EMH&T,** Columbus, Ohio	E	61.0	0.0	63	0	0	7	12	0	18	0	0
213	360	**HUCKABEE,** Fort Worth, Texas	AE	60.5	0.0	100	0	0	0	0	0	0	0	0
214	255	**MS CONSULTANTS INC.,** Columbus, Ohio	EA	60.5	0.0	12	0	0	5	5	0	75	0	0
215	224	**LS3P,** Charleston, S.C.	A	60.0	0.0	100	0	0	0	0	0	0	0	0
216	213	**NINYO & MOORE GEOTECH. & ENVIRO. SCIENCES,** San Diego, Calif.	GE	60.0	0.0	22	2	4	14	8	5	19	17	4
217	244	**COOPER CARRY,** Atlanta, Ga.	A	59.6	1.4	100	0	0	0	0	0	0	0	0
218	211	**COWI NORTH AMERICA INC.,** Seattle, Wash.†	E	59.6	30.4	0	0	0	1	5	0	93	0	0
219	218	**SHIVE-HATTERY,** Cedar Rapids, Iowa	AE	59.1	0.0	68	11	0	2	1	1	9	2	2
220	258	**HUMPHREYS & PARTNERS ARCHITECTS,** Dallas, Texas†	A	59.0	1.7	0	0	0	0	0	0	0	0	0
221	250	**COFFMAN ENGINEERS,** Seattle, Wash.	E	58.3	0.0	48	18	7	0	0	7	1	0	0
222	**	**ARCHITECTS ORANGE,** Orange, Calif.	A	58.3	0.9	100	0	0	0	0	0	0	0	0
223	**	**ENGINEERING & TESTING SERVICES CORP.,** Concord, Calif.†	O	58.1	0.0	85	1	1	1	1	0	10	0	1
224	194	**PARKHILL, SMITH & COOPER INC.,** Lubbock, Texas	AE	58.0	0.0	59	0	0	12	9	0	12	0	0
225	269	**EFI GLOBAL INC.,** Humble, Texas†	EC	57.6	0.0	69	0	0	0	0	0	0	29	0
226	193	**SHANNON & WILSON INC.,** Seattle, Wash.	GE	57.5	0.5	6	0	1	12	0	3	30	6	0
227	208	**RETTEW ASSOCIATES INC.,** Lancaster, Pa.†	E	56.7	0.0	10	5	5	0	4	53	8	0	7
228	248	**CTA ARCHITECTS ENGINEERS,** Billings, Mont.	AE	56.6	3.1	100	0	0	0	0	0	0	0	0
229	200	**WADE TRIM,** Detroit, Mich.†	E	56.5	0.0	0	0	3	14	51	8	15	0	0
230	274	**POND,** Norcross, Ga.†	EA	56.5	3.1	44	0	0	0	0	42	14	0	0
231	221	**HARDESTY & HANOVER LLC,** New York, N.Y.	E	56.1	0.7	0	0	0	0	0	0	100	0	0
232	238	**FUSS & O'NEILL INC.,** Manchester, Conn.†	E	56.0	4.0	20	7	2	11	8	10	16	13	0
233	284	**TWINING INC.,** Long Beach, Calif.†	GE	56.0	0.0	54	7	7	0	14	0	18	0	0
234	223	**PARAMETRIX,** Seattle, Wash.	E	55.7	0.0	5	0	0	10	18	2	55	1	0
235	267	**TIMMONS GROUP,** Richmond, Va.	E	55.6	0.0	84	0	0	8	0	0	8	0	0
236	423	**ANKROM MOISAN ARCHITECTS,** Portland, Ore.	A	55.0	0.0	100	0	0	0	0	0	0	0	0
237	276	**UNIVERSAL ENGINEERING SCIENCES,** Orlando, Fla.	GE	55.0	0.0	0	0	0	0	0	0	0	0	0
238	228	**RABA KISTNER INC.,** San Antonio, Texas†	E	54.8	1.2	48	1	0	2	1	2	46	0	0
239	263	**ULTEIG ENGINEERS INC.,** Fargo, N.D.	E	54.4	0.0	1	0	67	1	0	0	19	0	3
240	273	**WALKER PARKING CONSULTANTS,** Tampa, Fla.	EA	54.4	2.9	5	0	0	0	0	0	0	0	0
241	254	**HR GREEN INC.,** Cedar Rapids, Iowa†	EA	54.2	0.0	8	0	0	9	27	0	50	2	0
242	227	**ENNEAD ARCHITECTS,** New York, N.Y.	A	53.7	15.5	100	0	0	0	0	0	0	0	0
243	240	**ENSAFE INC.,** Memphis, Tenn.†	ENV	53.5	1.0	6	0	0	4	0	0	0	65	0
244	271	**PARTNER ASSESSMENT CORP. (PARTNER ENG'G & SCI.),** Torrance, Calif.	ENV	53.4	0.2	90	0	0	0	0	0	0	10	0
245	239	**PGAL,** Houston, Texas	AE	53.2	0.7	51	0	0	0	0	0	49	0	0
246	301	**GREENBERGFARROW,** Atlanta, Ga.†	AE	53.1	2.8	100	0	0	0	0	0	0	0	0
247	**	**TOWER ENGINEERING PROFESSIONALS,** Raleigh, N.C.†	E	53.0	0.0	0	0	0	0	0	0	0	0	100
248	288	**WSB & ASSOCIATES INC.,** Minneapolis, Minn.	E	52.8	0.0	4	0	2	13	9	2	70	0	0
249	302	**ESD - ENVIRONMENTAL SYSTEMS DESIGN INC.,** Chicago, Ill.	E	52.4	2.9	69	0	0	0	0	0	1	0	30
250	287	**HORD COPLAN MACHT INC.,** Baltimore, Md.	A	52.4	0.0	100	0	0	0	0	0	0	0	0

#75 **NV5 GLOBAL INC.** acquired St. Paul-based MEP engineer Sebesta Inc.—No. 376 on the list this year—on Feb. 2.

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251	**	**RSP ARCHITECTS,** Minneapolis, Minn.	A	51.9	2.0	97	1	0	0	0	1	0	0	0
252	232	**ME ENGINEERS,** Golden, Colo.	E	51.4	11.4	100	0	0	0	0	0	0	0	0
253	338	**WANTMAN GROUP INC./DBA WGI,** West Palm Beach, Fla.	E	51.1	0.0	5	0	0	5	1	0	66	0	0
254	256	**SRF CONSULTING GROUP INC.,** Plymouth, Minn.	E	51.1	0.0	0	0	0	0	0	0	100	0	0
255	245	**WUNDERLICH-MALEC ENGINEERING,** Minnetonka, Minn.	E	50.8	1.0	2	79	8	0	4	7	0	0	0
256	270	**GOODWYN, MILLS AND CAWOOD INC.,** Montgomery, Ala.	AE	50.6	0.0	100	0	0	0	0	0	0	0	0
257	236	**MCKIM & CREED INC.,** Raleigh, N.C.	E	50.5	0.0	2	3	12	17	24	11	22	0	0
258	205	**MG2,** Seattle, Wash.	A	50.3	11.2	100	0	0	0	0	0	0	0	0
259	216	**ALTRAN,** Bordentown, N.J.	EC	50.1	0.4	0	0	87	0	0	13	0	0	0
260	259	**MAGNUSSON KLEMENCIC ASSOCIATES INC.,** Seattle, Wash.	E	50.1	5.2	90	1	0	0	0	0	8	0	0
261	298	**LABELLA ASSOCIATES DPC,** Rochester, N.Y.†	AE	50.0	2.0	46	2	9	7	2	0	11	17	0
262	174	**AUSENCO,** Concord, Calif.	E	49.6	42.0	0	0	0	0	0	100	0	0	0
263	265	**SPEC SERVICES INC.,** Fountain Valley, Calif.	E	49.4	0.0	0	0	0	0	0	100	0	0	0
264	280	**BEYER BLINDER BELLE ARCHITECTS & PLANNERS LLP,** New York, N.Y.	A	49.1	3.7	87	0	0	0	0	0	3	0	0
265	241	**THOMPSON ENGINEERING,** Mobile, Ala.†	EA	48.8	0.0	10	14	7	4	4	18	39	3	0
266	233	**CRAWFORD, MURPHY & TILLY INC.,** Springfield, Ill.	EA	48.7	0.0	0	0	0	11	16	0	67	0	0
267	317	**BWBR,** Saint Paul, Minn.	A	48.6	0.0	54	5	0	0	0	0	0	0	0
268	275	**STEELMAN PARTNERS,** Las Vegas, Nev.†	A	48.3	18.9	100	0	0	0	0	0	0	0	0
269	277	**H2M ARCHITECTS + ENGINEERS,** Melville, N.Y.†	EA	48.2	0.0	30	0	0	25	9	0	11	25	0
270	249	**COBB, FENDLEY & ASSOCIATES INC.,** Houston, Texas	E	48.1	0.0	9	0	1	9	5	5	42	0	11
271	268	**DANNENBAUM ENGINEERING CORP.,** Houston, Texas	E	48.1	0.0	0	0	0	36	4	0	43	0	0
272	292	**CP&Y INC.,** Dallas, Texas†	AE	48.0	0.0	3	0	0	14	23	0	49	0	0
273	283	**BL COS.,** Meriden, Conn.	AE/ENV	47.9	0.0	45	1	8	0	0	27	11	1	1
274	309	**TLC ENGINEERING FOR ARCHITECTURE INC.,** Orlando, Fla.	E	47.8	0.5	85	0	0	0	0	0	15	0	0
275	262	**TIGHE & BOND INC.,** Westfield, Mass.	ENV	47.5	0.0	14	0	6	20	31	0	10	19	0
276	290	**REMINGTON & VERNICK ENGINEERS,** Haddonfield, N.J.	E	47.4	0.0	11	0	0	25	32	0	32	0	0
277	257	**BALLINGER,** Philadelphia, Pa.	AE	47.4	0.0	100	0	0	0	0	0	0	0	0
278	322	**HLW INTERNATIONAL LLP,** New York, N.Y.†	AE	47.2	7.8	100	0	0	0	0	0	0	0	0
279	272	**PATRICK ENGINEERING INC.,** Lisle, Ill.	EC	46.0	0.0	3	3	22	5	4	4	49	0	8
280	252	**ORBITAL ENGINERING INC.,** Pittsburgh, Pa.	E	45.8	0.5	0	12	0	11	0	78	0	0	0
281	285	**CENTURY ENGINEERING INC.,** Hunt Valley, Md.	E	45.5	0.0	20	0	0	0	0	0	67	0	0
282	**	**FEHR & PEERS,** Walnut Creek, Calif.	EP	45.4	0.0	0	0	0	0	0	0	100	0	0
283	264	**FENTRESS ARCHITECTS,** Denver, Colo.	A	45.4	3.4	78	0	0	0	0	0	22	0	0
284	**	**AMERICAN ENGINEERING TESTING INC.,** Saint Paul, Minn.	E/ENV	45.1	0.0	32	4	6	3	3	6	39	5	1
285	282	**MATRIX TECHNOLOGIES INC.,** Maumee, Ohio	E	45.1	0.8	1	52	0	0	0	38	0	0	0
286	**	**BSA LIFESTRUCTURES,** Indianapolis, Ind.†	AE	45.0	0.0	100	0	0	0	0	0	0	0	0
287	312	**URBAN ENGINEERS INC.,** Philadelphia, Pa.†	E	44.9	0.0	2	0	0	0	0	2	93	3	0
288	342	**FRCH DESIGN WORLDWIDE,** Cincinnati, OH	A	44.8	2.7	100	0	0	0	0	0	0	0	0
289	316	**FROEHLING & ROBERTSON INC.,** Richmond, Va.	GE	44.6	0.0	18	1	4	3	3	6	35	0	2
290	293	**INTEGRAL GROUP,** Oakland, Calif.	E	44.6	22.7	100	0	0	0	0	0	0	0	0
291	327	**TOLUNAY-WONG ENGINEERS INC.,** Houston, Texas	GE	44.3	0.0	9	1	2	1	3	60	6	1	0
292	153	**ADRIAN SMITH + GORDON GILL ARCHITECTURE LLP,** Chicago, Ill.	A	44.3	40.6	100	0	0	0	0	0	0	0	0
293	253	**TKDA,** St. Paul, Minn.†	EA	44.2	0.1	16	13	0	0	8	3	60	0	0
294	297	**DESIMONE CONSULTING ENGINEERSQ,** New York, N.Y.	E	44.1	1.8	100	0	0	0	0	0	0	0	0
295	**	**WHPACIFIC,** Portland, Ore.	EA	44.0	0.0	37	0	8	2	2	9	42	0	0
296	281	**MOSELEY ARCHITECTS,** Richmond, Va.	AE	43.4	0.0	100	0	0	0	0	0	0	0	0
297	279	**AYERS SAINT GROSS,** Baltimore, Md.	A	43.0	0.5	100	0	0	0	0	0	0	0	0
298	**	**CBT,** Boston, Mass.	A	43.0	1.0	100	0	0	0	0	0	0	0	0
299	406	**SHALOM BARANES ASSOCIATES PC,** Washington, D.C.	A	42.6	0.0	100	0	0	0	0	0	0	0	0
300	443	**SALAS O'BRIEN LLC,** San Jose, Calif.†	EA	42.6	0.0	58	0	15	0	0	0	0	0	27

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301	340	**OHM ADVISORS,** Livonia, Mich.	AEP	42.5	0.0	17	0	1	17	15	0	45	0	0
302	416	**MAZZETTI,** San Francisco, Calif.	E	42.2	7.9	93	0	0	0	0	1	5	0	1
303	226	**HEERY INTERNATIONAL INC.,** Atlanta, Ga.	AE	42.0	0.9	81	0	0	0	0	0	18	0	0
304	291	**THE BECK GROUP,** Dallas, Texas	AC	42.0	0.0	100	0	0	0	0	0	0	0	0
305	348	**RMF ENGINEERING INC.,** Baltimore, Md.	E	41.9	0.0	47	1	16	0	0	0	2	0	1
306	266	**THE DENNIS ENGINEERING GROUP LLC,** Springfield, Mass.	EC	41.7	0.9	0	0	0	0	0	100	0	0	0
307	324	**LARSON DESIGN GROUP,** Williamsport, Pa.	EA	41.5	0.0	24	0	0	2	5	24	42	0	0
308	307	**D&B ENGINEERS AND ARCHITECTS PC,** Woodbury, N.Y.	EA/ENV	41.4	0.0	0	0	21	8	65	0	6	0	0
309	202	**LAUREN ENGINEERS & CONSTRUCTORS INC.,** Abilene, Texas†	EC	41.0	26.7	0	0	1	0	0	99	0	0	0
310	310	**AYRES ASSOCIATES,** Eau Claire, Wis.	EA	41.0	0.0	6	0	0	10	9	0	46	1	0
311	306	**THE S/L/A/M COLLABORATIVE,** Glastonbury, Conn.†	AE	41.0	0.0	100	0	0	0	0	0	0	0	0
312	260	**MODJESKI AND MASTERS INC.,** Mechanicsburg, Pa.†	E	40.5	0.0	0	0	0	0	0	0	100	0	0
313	296	**PS&S,** Warren, N.J.	EA	40.5	0.1	36	0	24	0	10	29	0	0	0
314	243	**KIRKSEY ARCHITECTURE,** Houston, Texas	A	40.4	0.0	94	3	0	0	0	2	0	0	1
315	341	**SHEPLEY BULFINCH RICHARDSON & ABBOTT,** Boston, Mass.	A	40.4	0.9	100	0	0	0	0	0	0	0	0
316	305	**DRMP INC.,** Orlando, Fla.	E	40.4	0.0	8	0	0	0	0	0	92	0	0
317	311	**TPG ARCHITECTURE,** New York, N.Y.†	A	40.4	0.9	100	0	0	0	0	0	0	0	0
318	261	**WD PARTNERS,** Dublin, Ohio†	AE	40.3	8.7	100	0	0	0	0	0	0	0	0
319	300	**J-U-B ENGINEERS INC.,** Boise, Idaho	EC	40.3	0.0	0	0	0	7	20	0	67	0	0
320	356	**WESTLAKE REED LESKOSKY,** Cleveland, Ohio†	AE	40.2	0.5	100	0	0	0	0	0	0	0	0
321	**	**THE THRASHER GROUP INC.,** Bridgeport, W.Va.	EA	40.0	0.0	10	0	8	23	25	30	3	0	0
322	304	**TVSDESIGN,** Atlanta, Ga.†	A	39.6	16.7	100	0	0	0	0	0	0	0	0
323	225	**COLLINS ENGINEERS INC.,** Chicago, Ill.	E	39.5	0.9	7	0	0	0	1	3	89	0	0
324	320	**SHAFER, KLINE & WARREN INC.,** Lenexa, Kan.†	E	39.4	0.0	11	0	0	4	7	69	8	0	0
325	426	**RPS KLOTZ ASSOCIATES,** Houston, Texas	E	39.2	0.0	3	0	0	31	15	0	51	0	0
326	308	**RMA GROUP,** Rancho Cucamonga, Calif.†	GE	38.7	0.0	19	0	4	6	3	0	68	0	0
327	375	**MOODY NOLAN,** Columbus, Ohio	E	38.6	0.0	100	0	0	0	0	0	0	0	0
328	303	**BOSWELL ENGINEERING INC.,** South Hackensack, N.J.†	E	38.4	0.0	1	0	7	3	10	0	80	0	0
329	**	**PRIME AE GROUP INC.,** Baltimore, Md.†	AE	38.2	0.0	25	0	0	5	1	0	69	0	0
330	456	**LMN ARCHITECTS,** Seattle, Wash.	A	37.5	0.1	90	0	0	0	0	0	10	0	0
331	323	**ON-BOARD ENGINEERING CORP.,** East Windsor, N.J.†	E	37.2	6.3	8	10	7	0	0	73	3	0	0
332	330	**WOOD RODGERS INC.,** Sacramento, Calif.	E	37.2	0.0	15	0	0	44	14	0	28	0	0
333	421	**NAC ARCHITECTURE,** Spokane, Wash.	A	37.0	0.0	100	0	0	0	0	0	0	0	0
334	334	**ALPHA TESTING INC.,** Dallas, Texas	GE	36.9	0.0	38	6	0	3	5	6	0	0	0
335	383	**BURNS ENGINEERING INC.,** Philadelphia, Pa.	E	36.9	0.0	7	0	7	0	8	0	79	0	0
336	345	**GUERNSEY,** Oklahoma City, Okla.	AE	36.7	0.0	38	0	49	4	1	0	4	2	0
337	369	**PROFESSIONAL ENGINEERING CONSULTANTS PA,** Wichita, Kan.	E	36.7	0.0	32	12	4	8	5	5	29	0	0
338	410	**LEIGHTON GROUP INC.,** Irvine, Calif.†	GE	36.0	0.0	39	0	3	8	3	14	25	6	3
339	343	**SME,** Plymouth, Mich.	E	35.8	0.2	20	13	12	5	6	6	17	18	4
340	339	**C&I ENGINEERING,** Louisville, Ky.	E	35.8	0.0	0	0	0	0	0	100	0	0	0
341	344	**ERDMAN ANTHONY,** Rochester, N.Y.	E	35.7	0.0	22	0	0	1	0	1	75	0	0
342	332	**MSA PROFESSIONAL SERVICES INC.,** Baraboo, Wis.	EA	35.5	0.0	5	0	0	9	21	0	20	0	0
343	299	**T. BAKER SMITH LLC,** Houma, La.	E	35.5	0.0	6	10	0	16	4	52	6	0	7
344	328	**LHB INC.,** Duluth, Minn.†	EA	35.3	0.0	31	5	0	0	0	43	20	0	0
345	377	**GFF,** Dallas, Texas	A	35.3	0.0	89	0	0	0	0	0	0	0	0
346	361	**OTAK INC.,** Portland, Ore.†	EA	35.2	7.8	34	0	0	0	18	1	26	0	0
347	315	**ATCS PLC,** Herndon, Va.	E	35.0	0.0	0	0	0	0	0	0	87	0	0
348	357	**O'NEAL INC.,** Greenville, S.C.†	EC	35.0	0.0	0	37	0	0	0	63	0	0	0
349	471	**WDG ARCHITECTURE,** Washington, D.C.†	A	34.9	0.0	100	0	0	0	0	0	0	0	0
350	335	**COMMONWEALTH ASSOCIATES INC.,** Jackson, Mich.	E	34.6	0.0	0	0	97	0	0	0	0	0	0

#88 **BURROW GLOBAL LLC** acquired Furmanite Technical Solutions, a 775-person engineering and technical services firm, in September 2015.

RANK 2016	RANK 2015	FIRM	FIRM TYPE	2015 REVENUE $ MIL. TOTAL	INT'L	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM
351	363	**KISINGER CAMPO & ASSOCIATES CORP.,** Tampa, Fla.†	EA	34.2	0.0	0	0	0	0	0	0	99	0	0
352	**	**INTERFACE ENGINEERING,** Portland, Ore.	E	34.1	4.5	97	2	0	0	0	0	0	0	0
353	**	**DES ARCHITECTS + ENGINEERS,** Redwood City, Calif.	AE	34.1	0.0	100	0	0	0	0	0	0	0	0
354	401	**DCI ENGINEERS,** Seattle, Wash.	EA	34.0	0.0	54	3	0	1	0	1	1	0	0
355	388	**ROSS & BARUZZINI INC.,** St. Louis, Mo.	EA	34.0	5.5	47	0	0	2	0	0	51	0	0
356	397	**ESP ASSOCIATES PA,** Fort Mill, S.C.	EAP	33.7	0.0	46	0	8	1	1	2	30	0	0
357	337	**JBA CONSULTING ENGINEERS,** Las Vegas, Nev.	E	33.7	9.8	98	0	0	0	0	0	0	0	2
358	458	**MCMILLAN PAZDAN SMITH LLC,** Greenville, S.C.	A	33.7	0.0	98	0	0	0	0	1	0	0	0
359	371	**BARTON & LOGUIDICE,** Liverpool, N.Y.	E	33.6	0.0	1	1	3	15	33	0	27	1	0
360	402	**CO ARCHITECTS,** Los Angeles, Calif.	A	33.5	0.0	100	0	0	0	0	0	0	0	0
361	**	**LIONAKIS,** Sacramento, Calif.	AE	33.4	0.0	99	0	0	0	0	0	1	0	0
362	355	**WRIGHT-PIERCE,** Topsham, Maine	E	33.2	0.0	0	0	0	23	73	1	2	0	0
363	347	**MORRISON-MAIERLE INC.,** Helena, Mont.	E	33.2	0.0	21	0	0	4	33	0	28	0	0
364	331	**GP STRATEGIES,** Columbia, Md.	EC	33.1	13.6	0	100	0	0	0	0	0	0	0
365	382	**CRAFTON TULL,** Rogers, Ark.	EA	33.0	0.0	38	0	0	3	3	44	12	0	0
366	380	**GOETTSCH PARTNERS,** Chicago, Ill.	A	32.6	13.9	100	0	0	0	0	0	0	0	0
367	373	**MUESER RUTLEDGE CONSULTING ENGINEERS,** New York, N.Y.	E	32.6	1.1	25	10	3	20	10	11	16	0	6
368	**	**CORE STATES GROUP,** Duluth, Ga.	AE	32.5	0.0	100	0	0	0	0	0	0	0	0
369	385	**V3 COS. LTD.,** Woodridge, Ill.†	E/ENV	32.4	2.2	38	0	3	6	0	0	53	0	0
370	450	**OZ ARCHITECTURE,** Denver, Colo.	A	32.3	1.2	100	0	0	0	0	0	0	0	0
371	333	**WENDEL LLC,** Williamsville, N.Y.†	AE	32.2	0.0	49	0	0	12	5	0	6	0	3
372	365	**LANDRUM & BROWN INC.,** Cincinnati, Ohio	AP/ENV	32.2	15.2	2	0	0	0	0	0	98	0	0
373	**	**OLSON KUNDIG,** Seattle, Wash.	A	32.1	4.4	100	0	0	0	0	0	0	0	0
374	362	**GRW ENGINEERS INC.,** Lexington, Ky.†	EA	32.0	0.0	4	0	0	21	42	0	33	0	0
375	367	**GRAEF,** Milwaukee, Wis.	EA	32.0	0.0	34	5	1	7	11	3	39	0	0
376	384	**SEBESTA INC.,** Saint Paul, Minn.	E	32.0	3.0	68	18	12	0	0	0	2	0	1
377	390	**RIVER CONSULTING LLC,** Columbus, Ohio	E	31.9	1.3	0	0	3	0	0	86	8	0	0
378	415	**HART HOWERTON,** New York, N.Y.†	A	31.9	7.1	100	0	0	0	0	0	0	0	0
379	326	**KAPUR & ASSOCIATES INC.,** Milwaukee, Wis.	E	31.8	0.0	5	0	4	2	6	9	72	1	1
380	440	**EPPSTEIN UHEN ARCHITECTS INC.,** Milwaukee, Wis.	A	31.8	0.0	86	0	0	0	0	1	0	0	0
381	351	**RDK ENGINEERS,** Andover, Mass.	E	31.7	0.0	100	0	0	0	0	0	0	0	0
382	424	**PRIMERA ENGINEERS,** Chicago, Ill.	E	31.6	0.5	22	0	55	0	0	0	24	0	0
383	434	**AI ENGINEERS INC.,** Middletown, Conn.	E	31.6	0.0	18	0	6	6	6	0	63	0	0
384	329	**PND ENGINEERS INC.,** Anchorage, Alaska	EA	31.6	0.9	11	0	0	16	0	0	71	0	0
385	446	**BINKLEY & BARFIELD INC.,** Houston, Texas†	E	31.4	0.0	1	0	15	5	3	7	37	0	1
386	376	**BAXTER & WOODMAN INC.,** Crystal Lake, Ill.†	E	31.3	0.0	0	0	0	11	21	0	32	0	0
387	379	**GEOCON INC.,** San Diego, Calif.†	GE	31.3	0.0	52	0	6	5	5	0	26	0	6
388	475	**MBH ARCHITECTS,** Alameda, Calif.†	A	31.3	2.8	100	0	0	0	0	0	0	0	0
389	393	**MCLAREN ENGINEERING GROUP,** West Nyack, N.Y.†	E	31.2	1.8	57	0	4	0	0	0	38	0	0
390	418	**PCI SKANSKA,** Evansville, Ind.	EA	31.1	0.1	3	11	40	1	0	44	0	0	0
391	420	**I.C. THOMASSON ASSOCIATES INC.,** Nashville, Tenn.	E	31.1	0.0	76	5	10	0	0	9	0	0	0
392	325	**ROBERT DERECTOR ASSOCIATES,** New York, N.Y.	E	31.0	0.0	100	0	0	0	0	0	0	0	0
393	437	**MG ENGINEERING D.P.C.,** New York, N.Y.	E	31.0	0.0	100	0	0	0	0	0	0	0	0
394	394	**SAI CONSULTING ENGINEERS INC.,** Pittsburgh, Pa.	E	31.0	0.0	0	0	0	0	0	0	100	0	0
395	459	**LAWRENCE GROUP,** St. Louis, Mo.†	A	31.0	0.0	100	0	0	0	0	0	0	0	0
396	349	**BUCHART HORN INC.,** York, Pa.†	EA	30.9	4.2	22	0	0	9	28	0	36	4	1
397	392	**MARTIN/MARTIN INC.,** Lakewood, Colo.†	E	30.8	0.8	67	16	0	1	4	0	8	0	0
398	374	**THE MANNIK & SMITH GROUP INC.,** Maumee, Ohio	E	30.8	0.0	25	11	4	4	10	17	19	9	1
399	409	**PEI COBB FREED & PARTNERS,** New York, N.Y.	A	30.8	3.6	100	0	0	0	0	0	0	0	0
400	391	**NILES BOLTON ASSOCIATES,** Atlanta, Ga.	A	30.7	0.0	100	0	0	0	0	0	0	0	0

RANK 2016	RANK 2015	FIRM	FIRM TYPE	2015 REVENUE $ MIL. TOTAL	INT'L	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM
401	444	**GATEWAY ENGINEERS,** Pittsburgh, Pa.	E	30.4	0.0	33	0	0	0	17	33	17	0	0
402	412	**MANHARD CONSULTING,** Vernon Hills, Ill.	A	30.3	0.0	92	0	0	2	1	1	3	0	0
403	417	**HILLIS-CARNES ENGINEERING ASSOCIATES INC.,** Annapolis Junction, Md.	E	30.3	0.0	100	0	0	0	0	0	0	0	0
404	346	**SLCE ARCHITECTS LLP,** New York, N.Y.	A	30.2	0.2	100	0	0	0	0	0	0	0	0
405	**	**DGA PLANNING I ARCHITECTURE I INTERIORS,** Mountain View, Calif.	A	30.1	0.0	87	8	0	0	0	0	0	0	5
406	404	**BHDP ARCHITECTURE,** Cincinnati, Ohio	A	30.0	3.9	96	4	0	0	0	0	0	0	0
407	**	**BOULDER ASSOCIATES ARCHITECTS,** Boulder, Colo.	A	30.0	0.0	100	0	0	0	0	0	0	0	0
408	359	**GBA,** Lenexa, Kan.†	EA	30.0	0.0	3	0	0	0	18	25	40	3	6
409	481	**THE MILLER HULL PARTNERSHIP,** Seattle, Wash.	A	30.0	4.5	100	0	0	0	0	0	0	0	0
410	378	**AZTEC ENGINEERING GROUP INC.,** Phoenix, Ariz.	LA	29.9	0.0	0	0	2	0	0	0	98	0	0
411	387	**HIGHLAND ASSOCIATES LTD., ARCH., ENG'G, INT. DES.,** Clarks Summit, Pa.†	AE	29.9	0.3	57	5	0	0	0	0	0	0	37
412	422	**HANKINS AND ANDERSON INC.,** Glen Allen, Va.	EA	29.6	19.9	92	0	6	0	0	0	0	0	0
413	411	**EBA ENGINEERING INC.,** Baltimore, Md.	E	29.6	0.0	13	0	0	15	22	0	47	1	0
414	381	**KENDALL/HEATON ASSOCIATES INC.,** Houston, Texas†	A	29.6	0.0	100	0	0	0	0	0	0	0	0
415	408	**HULL & ASSOCIATES INC.,** Dublin, Ohio†	ENV	29.5	0.0	2	0	3	4	18	27	7	14	0
416	431	**DAVIS PARTNERSHIP ARCHITECTS,** Denver, Colo.	A	29.5	0.0	100	0	0	0	0	0	0	0	0
417	399	**DAVIS & FLOYD INC.,** Greenwood, S.C.	EA	29.2	0.0	4	28	0	7	21	2	26	3	0
418	398	**RDG PLANNING & DESIGN,** Des Moines, Iowa†	A	29.0	0.0	91	0	0	0	0	0	0	0	0
419	358	**CTL ENGINEERING INC.,** Columbus, Ohio†	E	29.0	0.0	28	5	3	9	1	2	26	3	19
420	451	**NOVA ENGINEERING AND ENVIRONMENTAL LLC,** Kennesaw, Ga.†	GE	28.9	0.0	67	4	1	2	2	2	11	8	3
421	372	**CPH INC.,** Sanford, Fla.	EA	28.6	2.6	26	0	0	15	17	0	8	0	0
422	400	**RJN GROUP INC.,** Wheaton, Ill.	E	28.5	0.0	0	0	0	4	96	0	0	0	0
423	433	**LORD AECK SARGENT,** Atlanta, Ga.	A	28.5	0.5	100	0	0	0	0	0	0	0	0
424	**	**DEGENKOLB ENGINEERS,** San Francisco, Calif.	E	28.4	0.0	95	5	0	0	0	0	0	0	0
425	428	**ENGLAND-THIMS & MILLER INC.,** Jacksonville, Fla.†	E	28.3	0.0	52	0	0	0	14	0	35	0	0
426	**	**MVE + PARTNERS INC.,** Irvine, Calif.	A	28.3	1.3	100	0	0	0	0	0	0	0	0
427	350	**CLARK PATTERSON LEE,** Rochester, N.Y.	EA	28.2	0.0	47	2	0	15	20	0	17	0	0
428	**	**STEINBERG,** San Jose, Calif.	A	28.1	3.1	100	0	0	0	0	0	0	0	0
429	414	**LOCHMUELLER GROUP INC.,** Evansville, Ind.	E	28.1	0.0	6	0	1	3	15	0	75	0	0
430	484	**SHELADIA ASSOCIATES INC.,** Rockville, Md.	EA	28.0	21.5	14	0	0	15	0	0	72	0	0
431	449	**OPN ARCHITECTS,** Cedar Rapids, Iowa	A	28.0	0.0	100	0	0	0	0	0	0	0	0
432	448	**MITHUN,** Seattle, Wash.	A	28.0	0.0	100	0	0	0	0	0	0	0	0
433	407	**WHITNEY, BAILEY, COX & MAGNANI LLC,** Baltimore, Md.	EA	27.6	0.0	16	0	0	3	3	24	43	0	0
434	492	**G.E.C. INC.,** Baton Rouge, La.	E	27.0	0.0	0	0	0	0	0	0	56	0	0
435	**	**GEOTECHNOLOGY INC.,** St. Louis, Mo.	GE	27.0	0.0	31	11	4	3	14	5	25	2	0
436	469	**HUBBELL, ROTH & CLARK INC.,** Bloomfield Hills, Mich.	EA	27.0	0.0	22	0	0	7	22	4	44	0	0
437	**	**MORGANTI GROUP INC.,** Danbury, Conn.†	EC	27.0	27.0	0	0	0	59	0	0	41	0	0
438	396	**SMMA I SYMMES MAINI & MCKEE ASSOCIATES,** Cambridge, Mass.	AE	27.0	0.0	100	0	0	0	0	0	0	0	0
439	**	**RNL DESIGN INC.,** Denver, Colo.	A	26.8	3.1	100	0	0	0	0	0	0	0	0
440	479	**WALLACE MONTGOMERY & ASSOCIATES LLP,** Hunt Valley, Md.	E	26.8	0.0	0	0	0	5	6	0	89	0	0
441	321	**FXFOWLE ARCHITECTS,** New York, N.Y.	A	26.8	0.8	100	0	0	0	0	0	0	0	0
442	474	**INTEGRUS ARCHITECTURE,** Spokane, Wash.	AE	26.7	0.4	99	1	0	0	0	0	0	0	0
443	468	**EXCEL ENGINEERING INC.,** Fond du Lac, Wis.	AE	26.6	0.0	50	50	0	0	0	0	0	0	0
444	453	**HEAPY ENGINEERING,** Dayton, Ohio†	E	26.6	0.0	98	0	0	0	0	0	0	0	2
445	435	**HERBERT, ROWLAND & GRUBIC INC.,** Harrisburg, Pa.	E	26.5	0.0	17	0	0	15	29	8	32	0	0
446	432	**DEKKER/PERICH/SABATINI LTD.,** Albuquerque, N.M.	AE	26.4	0.0	100	0	0	0	0	0	0	0	0
447	478	**R&M CONSULTANTS INC.,** Anchorage, Alaska	E	26.3	0.1	6	0	0	3	2	10	75	0	0
448	**	**MOORE ENGINEERING INC.,** West Fargo, N.D.	E	26.3	0.0	0	0	0	20	16	0	27	0	0
449	439	**CAMBRIDGE SEVEN ASSOCIATES INC.,** Cambridge, Mass.	A	26.0	6.5	100	0	0	0	0	0	0	0	0
450	455	**MACKAY & SOMPS CIVIL ENGINEERS INC.,** Pleasanton, Calif.	E	25.9	0.0	0	0	0	0	0	0	0	0	0

#123 **OBG** is the new name for O'Brien & Gere, which adopted its new identity as part of a rebranding effort announced at the beginning of 2016.

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451	441	**GRIMM + PARKER ARCHITECTS,** Calverton, Md.	A	25.8	0.0	100	0	0	0	0	0	0	0	0
452	488	**I+S GROUP INC.,** Mankato, Minn.	EA	25.8	0.0	59	6	7	0	11	0	4	0	0
453	495	**THE PRESTON PARTNERSHIP,** Atlanta, Ga.	A	25.8	0.0	100	0	0	0	0	0	0	0	0
454	**	**GBBN ARCHITECTS,** Cincinnati, Ohio	A	25.6	2.4	100	0	0	0	0	0	0	0	0
455	419	**JONES EDMUNDS & ASSOCIATES INC.,** Gainesville, Fla.†	E	25.5	0.0	8	0	0	25	34	2	24	0	0
456	425	**RMC WATER AND ENVIORNMENT,** Walnut Creek, CA	E	25.5	0.0	0	0	0	69	31	0	0	0	0
457	**	**PBS ENGINEERING AND ENVIRONMENTAL INC.,** Portland, Ore.†	E	25.5	0.0	13	2	1	2	4	1	27	48	0
458	**	**BALA CONSULTING ENGINEERS,** King of Prussia, Pa.†	E	25.1	0.0	100	0	0	0	0	0	0	0	0
459	**	**ADVANTAGE ENGINEERS,** Columbia, Md.	E	25.0	0.0	29	0	0	1	0	0	7	1	62
460	461	**WIGHT & CO.,** Darien, Ill.	AE	25.0	1.7	72	0	0	0	0	0	27	1	0
461	463	**SMALLWOOD, REYNOLDS, STEWART, STEWART & ASSOCS. INC.,** Atlanta, Ga.†	A	25.0	7.5	100	0	0	0	0	0	0	0	0
462	353	**HARRIS GROUP,** Seattle, Wash.	E	24.9	0.0	0	43	0	0	1	51	5	0	0
463	**	**VOCON,** Cleveland, Ohio	A	24.8	0.0	100	0	0	0	0	0	0	0	0
464	**	**WILEYIWILSON,** Lynchburg, Va.	AE	24.8	0.0	70	4	0	9	12	0	4	0	0
465	427	**ARRAY ARCHITECTS,** Conshohocken, Pa.	A	24.7	0.0	100	0	0	0	0	0	0	0	0
466	467	**BORTON-LAWSON,** Wilkes-Barre, Pa.†	EA	24.7	0.0	16	0	17	0	3	30	35	0	0
467	429	**SEGA INC.,** Overland Park, Kan.	EC	24.5	0.4	0	0	100	0	0	0	0	0	0
468	483	**CTLITHOMPSON INC.,** Denver, Colo.†	E	24.4	0.0	95	0	0	0	0	0	2	1	0
469	480	**RULE JOY TRAMMELL + RUBIO LLC,** Atlanta, Ga.	A	24.4	0.0	100	0	0	0	0	0	0	0	0
470	465	**BETA GROUP INC.,** Lincoln, R.I.	E	24.3	0.0	0	0	0	4	28	0	68	0	0
471	466	**NEWCOMB & BOYD,** Atlanta, Ga.	E	24.1	0.3	75	1	0	0	0	0	5	0	19
472	386	**JLG ARCHITECTS,** Grand Forks, N.D.	A	24.0	0.0	97	0	0	0	3	0	0	0	0
473	490	**KRAZAN & ASSOCIATES INC.,** Clovis, Calif.	E	23.9	0.0	52	4	8	5	1	9	10	8	3
474	**	**REBEL DESIGN+GROUP,** Marina Del Rey, Calif.	A	23.8	11.5	100	0	0	0	0	0	0	0	0
475	**	**FFKR ARCHITECTS,** Salt Lake City, Utah	A	23.8	0.2	100	0	0	0	0	0	0	0	0
476	472	**VALDES ENGINEERING CO.,** Lombard, Ill.	E	23.7	0.0	0	0	31	0	0	69	0	0	0
477	413	**BOHANNAN HUSTON INC.,** Albuquerque, N.M.	E	23.7	0.0	21	1	0	15	10	0	24	0	0
478	**	**DESIGN COLLECTIVE INC.,** Baltimore, Md.	A	23.7	0.0	100	0	0	0	0	0	0	0	0
479	447	**JCJ ARCHITECTURE,** Hartford, Conn.	A	23.6	0.0	100	0	0	0	0	0	0	0	0
480	**	**QUINN EVANS ARCHITECTS,** Washington, D.C.	A	23.4	0.0	100	0	0	0	0	0	0	0	0
481	499	**CESO INC.,** Dayton, Ohio	EA	23.4	0.0	66	0	0	0	0	32	3	0	0
482	457	**H.F. LENZ CO.,** Johnstown, Pa.	E	23.3	0.0	81	2	0	0	0	6	0	0	12
483	454	**HIXSON ARCHITECTURE & ENGINEERING,** Cincinnati, Ohio	EA	23.2	1.3	25	0	0	0	0	57	0	0	17
484	445	**DAVIS BRODY BOND,** New York, N.Y.	A	23.1	0.0	100	0	0	0	0	0	0	0	0
485	436	**KSA ENGINEERS INC.,** Longview, Texas†	EA	23.1	0.0	14	0	0	19	14	21	31	1	0
486	464	**BRIDGEFARMER & ASSOCIATES INC.,** Dallas, Texas	E	23.0	0.0	0	0	0	0	0	0	100	0	0
487	493	**LORING CONSULTING ENGINEERS INC.,** New York, N.Y.	E	23.0	0.0	98	0	0	0	0	0	0	0	2
488	**	**P2S ENGINEERING INC.,** Long Beach, Calif.	E	23.0	0.0	70	4	9	0	0	13	0	0	4
489	489	**EARTH SYSTEMS INC.,** San Luis Obispo, Calif.†	GE	22.9	0.0	62	0	17	4	1	4	7	1	1
490	438	**FRANCIS CAUFFMAN,** New York, N.Y.	A	22.8	0.0	100	0	0	0	0	0	0	0	0
491	498	**HUSSEY GAY BELL,** Savannah, Ga.	EA	22.7	6.0	22	7	0	11	46	0	3	0	0
492	497	**LANIER & ASSOCIATES CONSULTING ENGINEERS INC.,** New Orleans, La.	E	22.7	0.2	0	0	0	0	0	0	100	0	0
493	**	**VCBO ARCHITECTURE,** Salt Lake City, Utah	A	22.5	0.0	95	0	4	1	0	0	0	0	0
494	491	**BEAM LONGEST AND NEFF LLC,** Indianapolis, Ind.	E	22.4	0.0	0	0	0	0	8	0	92	0	0
495	482	**SUNRISE ENGINEERING,** Salt Lake City, Utah	E	22.3	0.0	4	0	2	26	20	23	6	0	0
496	**	**HARVARD JOLLY ARCHITECTURE,** St. Petersburg, Fla.	A	22.3	0.0	100	0	0	0	0	0	0	0	0
497	**	**M&S ENGINEERING LLC,** Spring Branch, Texas	E	22.0	0.0	14	0	68	5	5	0	9	0	0
498	395	**ARCHITECTS HAWAII LTD.,** Honolulu, Hawaii	A	21.9	0.0	100	0	0	0	0	0	0	0	0
499	**	**CTLGROUP,** Skokie, Ill.	E	21.8	3.2	36	2	9	3	1	14	33	0	1
500	486	**KAHLER SLATER,** Milwaukee, Wis.†	A	21.8	2.3	100	0	0	0	0	0	0	0	0

Where To Find the Top 500

A

FIRM	RANK
Advantage Engineers	459
AECOM	1
Aegion Corp.	51
Affiliated Engineers Inc.	133
AI Engineers Inc.	383
AKF Group	195
AKRF Inc.	194
Alpha Testing Inc.	334
ALTRAN	259
Ambitech Engineering Corp.	107
Amec Foster Wheeler	5
American Engineering Testing Inc.	284
American Structurepoint Inc.	203
Ankrom Moisan Architects	236
Anvil Corp.	165
Arcadis North America/CallisonRTKL	12
Architects Hawaii Ltd.	498
Architects Orange	222
Array Architects	465
Arup	52
ATCS PLC	347
Atkins North America	42
Atwell LLC	146
Ausenco	262
Ayers Saint Gross	297
Ayres Associates	310
AZTEC Engineering Group Inc.	410

B

FIRM	RANK
Babcock & Wilcox Enterprises Inc.	104
Michael Baker International	35
Bala Consulting Engineers	458
Ballinger	277
Barge, Waggoner, Sumner and Cannon Inc.	201
Barr Engineering Co.	132
Bartlett & West Inc.	173
Barton & Loguidice	359
Baxter & Woodman Inc.	386
Beam Longest and Neff LLC	494
Bechtel	8
The Beck Group	304
Alfred Benesch & Co.	126
Louis Berger	26
Bergmann Associates	206
Beta Group Inc.	470
Beyer Blinder Belle Architects & Planners LLP	264
BHDP Architecture	406
Binkley & Barfield Inc.	385
BKF ENgineers	175
BL Cos.	273
Black & Veatch	15
Bohannan Huston Inc.	477
Bolton & Menk Inc.	179
Borton-Lawson	466
Boswell Engineering Inc.	328
Boulder Associates Architects	407
Bowman Consulting Group	161
BR+A Consulting Engineers LLC	210
Braun Intertec	98
Bridgefarmer & Associates Inc.	486
Brown & Gay Engineers Inc.	152
Brown and Caldwell	47
BRPH	185
BSA LifeStructures	286
Buchart Horn Inc.	396
Bureau Veritas	24
The Burke Group	162
Burns & McDonnell	14
Burns Engineering Inc.	335
Burrow Global LLC	88
BWBR	267

C

FIRM	RANK
C&I Engineering	340
C&S Cos.	149
Cambridge Seven Associates Inc.	449
CannonDesign	62
Carollo Engineers Inc.	65
Francis Cauffman	490
CB&I Inc.	6
CBT	298
CDI Corp.	29
CDM Smith	23
Century Engineering Inc.	281
CESO Inc.	481
CH2M	3
CHA Consulting Inc.	59
Civil & Environmental Consultants Inc.	121
Clark Nexsen	155
Clark Patterson LEe	427
CO Architects	360
Cobb, Fendley & Associates Inc.	270
Coffman Engineers	221
Collins Engineers Inc.	323
Commonwealth Associates Inc.	350
Cooper Carry	217
Core States Group	368
Corgan	81
COWI North America Inc.	218
CP&Y Inc.	272
CPH Inc.	421
Crafton Tull	365
Crawford, Murphy & Tilly Inc.	266
CRB	120
CTA Architects Engineers	228
CTL Engineering Inc.	419
CTL|Thompson Inc.	468
CTLGroup	499
Cuningham Group Architecture Inc.	202

D

FIRM	RANK
D&B Engineers and Architects PC	308
Leo A Daly	84
Dannenbaum Engineering Corp.	271
Davis & Floyd Inc.	417
Davis Brody Bond	484
Davis Partnership Architects	416
Day & Zimmermann	172
DCI Engineers	354
Degenkolb Engineers	424
Dekker/Perich/Sabatini Ltd.	446
The Dennis Engineering Group LLC	306
Robert Derector Associates	392
DES Architects + Engineers	353
Design Collective Inc.	478
DeSimone Consulting Engineersq	294
Dewberry	46
DGA planning | architecture | interiors	405
DLR Group	83
DLZ	135
DOWL	176
DRMP Inc.	316

E

FIRM	RANK
EA Engineering, Science, and Technology Inc. PBC	130
Earth Systems Inc.	489
EBA Engineering Inc.	413
Ecology and Environment Inc.	110
ECS	86
EFI Global Inc.	225
Electrical Consultants Inc.	199
Elkus Manfredi Architects	156
EMH&T	212
EN Engineering	108
Enercon Services Inc.	53
Engineering & Testing Services Corp.	223
England-Thims & Miller Inc.	425
ENGlobal U.S. Inc.	184
Ennead Architects	242
EnSafe Inc.	243
Eppstein Uhen Architects Inc.	380
Erdman Anthony	341
ESD - Environmental Systems Design Inc.	249
ESP Associates PA	356
David Evans and Associates Inc.	91
EwingCole	189
Excel Engineering Inc.	443
Exp US Services Inc.	39
EYP Inc.	90

F

FIRM	RANK
Farnsworth Group Inc.	170
Fehr & Peers	282
Fentress Architects	283
FFKR Architects	475
Fishbeck, Thompson, Carr & Huber Inc.	204
Flad Architects	169
Fluor Corp.	4
Foth Cos.	96
FRCH Design Worldwide	288
Freese and Nichols Inc.	143
Froehling & Robertson Inc.	289
Fugro USA	33
Fuss & O'Neill Inc.	232
FXFOWLE Architects	441

G

FIRM	RANK
G.E.C. Inc.	434
GAI Consultants Inc.	103
Gannett Fleming	49
Garver	174
Gateway Engineers	401
GBA	408
GBBN Architects	454
GEI Consultants Inc.	94
Gensler	16
Geocon Inc.	387
GeoEngineers Inc.	188
Geosyntec Consultants Inc.	54
Geotechnology Inc.	435
GFF	345
Ghafari Associates LLC	106
GHD Inc.	27
Goettsch Partners	366
Golder Associates Inc.	58
Goodwyn, Mills and Cawood Inc.	256
GP Strategies	364
GPD Group	145
GRAEF	375
Greeley and Hansen LLC	166
GreenbergFarrow	246
Greenman-Pedersen Inc.	57
Gresham, Smith and Partners	89
Grimm + Parker Architects	451
GRW Engineers Inc.	374
Guernsey	336
Gulf Interstate Engineering	56
GZA	134

H

FIRM	RANK
H2M Architects + Engineers	269
HAKS	131
Haley & Aldrich Inc.	125
Halff Associates Inc.	148
Hammel, Green and Abrahamson Inc.	93
Hankins and Anderson Inc.	412
Hanson Professional Services Inc.	192
Hardesty & Hanover LLC	231
Hargrove Engineers + Constructors	76
Harley Ellis Devereaux	208
Harris Group	462
Hart Howerton	378
Harvard Jolly Architecture	496
Hatch Mott MacDonald	34
Hazen and Sawyer	74
HDR	9
Heapy Engineering	444
Heery International Inc.	303
Henderson Engineers Inc.	142
Herbert, Rowland & Grubic Inc.	445
HGA	193
Highland Associates Ltd., Arch., Eng'g, Int. Design	411
Hillis-Carnes Engineering Associates Inc.	403
Hixson Architecture & Engineering	483
HKS Inc.	44
HLW International LLP	278
HMC Architects	178
HNTB Cos.	21
HOK	38
Hord Coplan Macht Inc.	250
HR Green Inc.	241
Hubbell, Roth & Clark Inc.	436
Huckabee	213
Huitt-Zollars Inc.	140
Hull & Associates Inc.	415
Humphreys & Partners Architect	220
Hussey Gay Bell	491

I

FIRM	RANK
I+S Group Inc.	452
IBI Group	63
IMEG/KJWW/TTG	118
Integral Group	290
Integrus Architecture	442
Interface Engineering	352
Intertek - PSI	19
IPS-Integrated Project Services LLC	144

J

FIRM	RANK
Jacobs	2
JBA Consulting Engineers	357
JCJ Architecture	479
Jensen Hughes	111
JLG Architects	472
Johnson, Mirmiran & Thompson Inc.	67
Jones Edmunds & Associates Inc.	455
Jones|Carter	182
J-U-B Engineers Inc.	319

K

FIRM	RANK
Kadrmas Lee & Jackson Inc. (KLJ)	122
Kahler Slater	500
Kapur & Associates Inc.	379
KBR	17
KCI Technologies Inc.	77
Kendall/Heaton Associates Inc.	414
Kennedy/Jenks Consultants Inc.	157

Where To Find the Top 500