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ODOT CALLS TURNPIKE 'OHIO'S ROAD TO RECOVERY'



Government &
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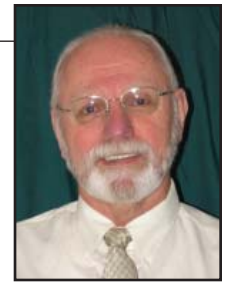
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LEADERSHIP VIEWS

by Bruce Larcomb, P.E., P.S., FSFPE, President,
Ohio Society of Professional Engineers



Nice, but not necessary

As an engineer, how many times have you been contacted by a client wanting you to respond to the “requests” or “recommendations” of a local code official. Please do not rush into the job without first knowing what the law, code or standard actually requires. You may get the job but you could soon lose a client forever.

The authority chain for regulation compliance is as follows: law – code – standard. If the law (Ohio Revised Code) “speaks” to a situation, then it prevails or takes precedence over the code (Ohio Building Code, Ohio Plumbing Code, Ohio Mechanical Code, or Ohio Fire Code) or standard (example - NFPA 72 – National Electrical Code). If the law is silent and the code “speaks,” then the code takes precedence over the standard. If both the law and the code are silent, then the standard controls.

Don’t mistakenly believe that complying with the standard automatically satisfies the requirements of the law or code.

Now, back to the real subject at hand: Most code officials know of the above mentioned authority chain for compliance and enforcement to estab-

lish a safe building in Ohio. However, there are occasions when a code official *wants* more than what is required and issues a letter of recommendation without making law, code or standard references. (Or, makes references to regulation that does not apply.) These recommendations can be called “nice, but not necessary.” The code official can not lawfully enforce a “nicety.”

As an aside, the inspector’s task in the field is to verify that what is shown on the approved plans gets constructed. If the inspector finds that, in his or her view, additional or different materials or equipment are needed in the field, his or her obligation is to clear the changes with the building official (the person in charge of the code office). This may require a resubmission of revised drawings for approval. Then the discussion begins as to who pays for what change. Or, does errors and omissions insurance play a part in this issue?

So, as an engineer, before responding to a client’s letter or order issued by a code official, it is imperative that the letter or order make specific reference to the appropriate law, code or standard. In other words, only deal with “necessary” **regulations** not the “nice” recommendations.

Oh yes, and watch for the inspector who does not stick to the plans while in the field.

OSPE President Bruce Larcomb, PE, PS, is retired from the International Code Council. He is a Fellow of the Society of Fire Protection Engineers.

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On the cover:

Pictured is an Ohio Turnpike exit. The Ohio Department of Transportation reports that the Ohio Turnpike generates about \$250 million in annual revenue. ODOT says this asset can be put to use to ease Ohio’s highway funding crisis and keep the state’s job-creating manufacturing, agriculture, and logistics industries moving.

See story on Ohio Turnpike, page 4.



LEADERSHIP VIEWS

by Tim Schaffer, Executive Director, Ohio Society of Professional Engineers

Communication skills

Author Shawn P. McCarthy speaks of communication skills as if they are critical in the survival of most any professional engineer. And I agree!

Chapter four of the NSPE book, "Engineer Your Way to Success" is an excellent primer on why learning and practicing to communicate well is very important to any profession, but especially professional engineers.

One of history's earliest engineering projects, the Tower of Babel, was never completed because of a communication problem. Today, modern professional engineers are depended upon by clients, employers and the public for sound communication skills to interpret and communicate complex design concepts.

A failure to communicate can – and sometimes does – result in lost money, lost opportunity and lost advancement. Mc-

Carthy points out that while today's engineering graduates have excellent technical skills, they may not have the broad base of soft skills that other professions develop.

"That's a real problem," an industry vice president told McCarthy. "The single greatest factor for advancement today is communication skills," the vice president said. "Technical competence can always be purchased. However, people who communicate well are extremely hard to find." He goes on to define a good communicator as someone who can "take a complex issue and explain it in layman's terms."

Another engineer told McCarthy, "It's important for engineers, especially in their first 5-10 years, to make sure they are not operating in a vacuum. You need constant feedback from peers,

managers and subordinates."

She said, "If you are constantly open to feedback, or 'reciprocal influence,' you are going to be able to tell if things are going well or not."

McCarthy writes of the case of the young engineer who wrote a letter inquiring about work to the president of a prospective employer. However, the writing errors earned his letter a forwarding trip to the English department chair of the school from which the engineer graduated, chiding the professor for producing such unskilled communicators. The English chair forwarded the letter on to the young man's engineering professors, furthering his embarrassment.

"Everyone should have a dictionary . . . on his desk," one engineering professor told McCarthy. "The more you use them, the less you will eventually have to use them," he said.

"We need to expand their communication training," another industry vice president said. "That's what's going to earn you the dollars down the road."

A good communicator also knows how much information to share. An engineering firm vice president told McCarthy, "When I find out some guy's been sitting on some information I need, and he says, 'Well, you didn't ask,' I think, 'Boy, maybe I didn't ask you, but you certainly aren't rising to your potential.'"

"I can work a potential client on a multi-million dollar project for months and know a good deal will ride on the project engineer's oral presentation," an engineering firm vice president told McCarthy. "Young engineers need to get themselves ready for that moment."

OSPE members, request a free copy of "Engineer Your Way to Success" by calling 1-800-654-9481 (in Columbus, 223-1144).




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Two PE's lose registrations for falsifying CPD hours

Edward DeTullio and James Edward Welp have had their professional engineering registrations revoked by the Ohio State Board of Registration for Professional Engineers and Surveyors.

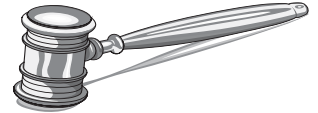
The State Board of Registration reported that in separate cases, DeTullio, a resident of Berea, and Welp, a resident of West Chester, were each charged with violations of Ohio Revised Code 4733.151(A) and (G), 4733.20(A)(1) and (5), 4733.22

and Ohio Administrative Code (OAC) 4733-35-09 for failing to complete 15 hours of continuing professional development (CPD) and falsely reporting on his annual renewal that he had completed the annual continuing education requirement.

According to the State Board of Registration, DeTullio and Welp were each given several opportunities to provide documentation to demonstrate that they had completed the continuing education.

However, neither gentleman responded to the State Board of Registration.

Based on each gentleman's failure to provide evidence that they had completed the continuing education the State Board of Registration voted to revoke DeTullio's and Welp's professional engineer registrations.



State Board accepts six settlement agreements

The Ohio State Board of Registration for Professional Engineers and Surveyors has accepted six settlement agreements.

PE is late in providing continuing education documentation

According to the State Board of Registration, Letitia Acox Zurawick, PE, a resident of Holland, Ohio, failed to provide her continuing education documentation for 2008, 2009 and 2010 during the State Board of Registration's annual audit in accordance with Ohio Revised Code (ORC) 4733.151. Ohio law requires that professional engineers and professional surveyors must respond within 30 days to the State Board of Registration's request for information. Although Zurawick completed the continuing education requirements, the State Board of Registration said it did not receive her continuing education documentation until 11 months after the initial audit. Zurawick entered into a settlement agreement for violations of Revised Code Section 4733.151 and Administrative Code Section 4733-35-09 wherein she agreed to pay a \$250 fine and receive a written reprimand.

PS fails to complete continuing ed and falsifies renewal application

Bryan J. Smith, PS, a resident of Carroll, entered into a settlement agreement due to his failure to complete the continuing professional development requirement for 2011, said the State Board of Registration. Smith was selected for audit and, according to the State Board of Registration, he reported to the State Board of Registration that he had not completed his continuing education even though he reported on his 2011 renewal that he had completed the requirement. Smith later completed the required coursework, said the State Board of Registration, and entered into a settlement agreement for violations of Revised Code Sections 4733.151, 4733.20(A)(1) and (5) and 4733.22 for fail-

ing to complete continuing education and falsifying his renewal application. In the agreement Smith agreed to pay a \$2,000 fine and receive a written reprimand.

PE loses Ohio license because of Arkansas Board's action

Lawrence Fischer, PE, a resident of Orlando, Florida, entered into a settlement agreement with the Ohio State Board of Registration to voluntarily relinquish his professional engineer registration. The Ohio Board said that Fischer reported on his 2011 renewal application that he voluntarily surrendered his professional engineer license in Arkansas at a time when he was under investigation by the Arkansas Board for signing and sealing drawings

Ohio law requires that PE's and PS's must respond within 30 days to the State Board of Registration's request for information.

that were not prepared by him or under his direct supervision. Fischer entered into a settlement agreement with the Ohio Board wherein he voluntarily surrendered his Ohio professional engineer license for violations of ORC Section 4733.20(A)(5) and Ohio Administrative Code Section 4733-35-08 based on the Arkansas Board's action. The Ohio Board said Fischer's Ohio registration may be reactivated once his professional engineer registration in Arkansas is restored and in good standing.

PS listing himself as manager in responsible charge was not full time

William B. Ingram, PS, of Amanda, violated ORC Section 4733.16, said the State Board of Registration, by listing himself as the full-time manager in responsible charge of surveying activities and deci-

sions for Planning Design Associates at a time that he was not a full-time employee of the firm and was not responsible for the firm's surveying operations. In order to avoid further administrative action for violations of the Ohio law Ingram entered into a settlement agreement wherein he agreed to comply with the laws and rules governing the practice of surveying, pay a \$1,000 fine and receive a reprimand.

Offering surveying services while firm's Certificate of Authorization was expired

According to the State Board of Registration, American Land Surveys, Inc. and Terry N. Kohler, PS, of Batavia provided surveying services in Ohio at a time when the firm's certificate of authorization was expired. In order to avoid further administrative action for violations of ORC 4733 Kohler entered into a settlement agreement wherein he agreed to comply with the laws and rules governing the practice of engineering and surveying, pay a \$10,000 fine and receive a reprimand.

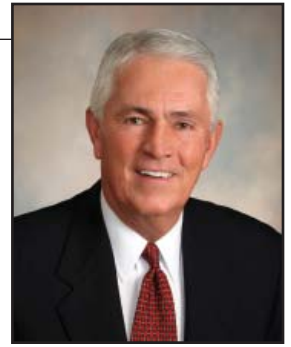
Offering surveying services with no Certificate of Authorization

Vance Surveying Ltd. and Samuel R. Vance, PS, of Mount Vernon provided surveying services in Ohio at a time when the firm did not have a certificate of authorization to provide such services, said the State Board of Registration. In order to avoid further administrative action for violations of ORC 4733 Vance entered into a settlement agreement wherein he agreed to comply with the laws and rules governing the practice of engineering and surveying, pay a \$250 fine and receive a reprimand.

Guest Contributors & Writers...
Have a great article for **Ohio Engineer**? Send your submission to OSPE@OhioEngineer.com and we'll give you the credit!



by Jerry Wray, Director, Ohio Department of Transportation



Turnpike is Ohio's road to recovery

Ohio's transportation infrastructure is among the best in the nation, thanks to generations of Ohioans who have understood its importance to our manufacturing and agricultural sectors, the largest parts of the state's economy.

The ability to move raw materials and finished goods efficiently has helped Ohio farmers and factories contribute to our state's success. In recent years, a robust transportation logistics industry has leveraged our rail and highway systems, as well as our close proximity to half the nation's population, and has become a major creator of jobs. Every \$1 billion spent on transportation creates more than 27,000 jobs. Ohio's transportation system accounts for billions of dollars in economic activity.

But these benefits could soon come to a screeching halt. Transportation funding, in Ohio and nationwide, is in critical condition. High gasoline prices have reduced consumption and gas-tax revenues that fund construction and maintenance have gone down. At the same time, construction costs have gone up.

Combined with the overall drag of a soft economy, the end result is bleak: By 2013, Ohio won't have enough money for major new projects that are vital to reducing congestion and allowing more products to move on our state's roads.

The state budget Gov. John R. Kasich recently signed into law includes a plan that will help protect Ohio's highway system from these undesirable outcomes.

ODOT is now permitted to use innovative financing tools, such as Public Private Partnerships, or P3s, to harness the ingenuity and financing capabilities

of the private sector. These partnerships have helped reduce the public's overall cost of renovation, maintenance, and expansion of many transportation facilities and networks.

Unlike other states, we are fortunate to have a highly valuable, yet under-used asset: the Ohio Turnpike. The turnpike is a high-quality road that generates about \$250 million in annual revenue. This asset can be put to use to help ease Ohio's highway funding crisis and keep our job-creating manufacturing, agriculture, and logistics industries moving.

By leveraging assets like the turnpike, Ohioans can also expect billions of additional dollars for transportation projects. In the short term, projects that are stalled because of a lack of funding could move forward. In the long term, Ohio could receive annual payments for transportation upgrades.

Freed from the strict limits on the kinds of projects for which federal and state funds can be used, money generated from the Turnpike could allow Ohio to be more flexible and creative. We could consider vital improvements to other job-creating transportation needs.

ODOT is in the process of hiring a team of experts to look at all of the different options for maximizing the turnpike's revenue potential. If it turns out a lease is the best option, the proceeds could support highway needs:

1. **A majority of the proceeds would go to Northern Ohio:** The people of Northern Ohio have been paying to use the Ohio Turnpike for many years and a majority of the proceeds from a lease would go to projects north of US Route 30. Funds would be distributed statewide, but it is

only fair that more than a majority of it go to the regions whose residents have helped support the road the most over the years.

2. **Neglected local projects adjacent to the Turnpike would be supported:** Communities along the Turnpike have been adversely affected by it in various ways, but Turnpike policy is to not help address these problems. Whether it is increased noise because of a new third lane or local roads over the Turnpike that have been forced to close because of unstable slopes supporting the bridges, it is time to be a good neighbor and help local communities fix problems that have been neglected or ignored.
3. **Local bridges would have a new dedicated funding stream:** Federal funds for local bridges come with such burdensome red tape that some of Ohio's counties choose not to use them because they can't afford the compliance costs. Ohio would use Turnpike proceeds to create a dedicated fund for local bridges that would be free of the same degree of red tape that currently drives up prices and slows down delivery time.
4. **Dedicated funds for public transit:** Transit systems across Ohio would receive a dedicated portion of Turnpike proceeds. Ohio currently supports these systems—often small, rural systems focusing on seniors and people with disabilities—with General Revenue dollars, which must be re-appropriated in every two-year budget and can vary over time. Replacing the uncertainty of General Revenue funding with a reliable, dedicated funding stream

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allows transit agencies to plan with greater confidence so they can continue to help Ohioans who need them most.

As we look to create jobs, revive Ohio's economy, and invest in critical transportation projects, we must be smart about how we use our limited resources. The Turnpike is, not surpris-

ingly, well-traveled and popular among Ohioans. But its use is not dominated by local travelers.

In fact, 90 percent of the turnpike's revenue comes from non-local traffic — that is, travel of more than 30 miles. More than half of all Turnpike traffic, and three-fourths of its truck traffic, is non-local. The turnpike is a statewide asset that can support economic growth throughout Ohio and help lift every corner of our state.

But if the right deal can be reached, Ohio must seize the opportunity and put an under-used asset to work to solve our transportation funding crisis and protect critical job-creating sectors of our economy.

Previous generations of Ohioans had the foresight to

invest in the transportation system that carries so much of our economy today. We owe it to ourselves — and generations to come — to be good stewards of this resource.

By leveraging the Turnpike's potential, we can keep Ohio's transportation system moving and keep our state moving as well back on the track to prosperity.

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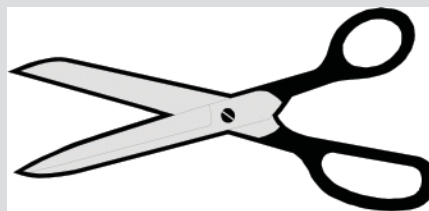
129th Ohio General Assembly: Directory of Key Committee Chairs

An OSPE Legislative & Government Affairs Clip-N-Keep Resource

With an active and robust legislative and government affairs program, OSPE occasionally calls upon its members to engage in grassroots lobbying efforts when bills related to engineering are introduced in the legislature. Please keep this directory of key committee chairs from the 129th Ohio General Assembly in the event of future grassroots efforts:

Senate Committees

- **Agriculture, Environment & Natural Resources:** Chair Cliff Hite (R), 614-466-8150
- **Energy & Public Utilities:** Chair David Daniels (R), 614-466-8156
- **Finance:** Chair Chris Widener (R), 614-466-3780
- **Financial Institutions:** Chair Jim Hughes (R), 614-466-5981
- **Government Oversight & Reform:** Chair Bill Coley (R), 614-466-8072
- **Highways & Transportation:** Chair Thomas Patton (R), 614-466-8056
- **Insurance, Commerce & Labor:** Chair Kevin Bacon (R), 614-466-8064



House Committees

- **Judiciary:** Chair Mark Wagoner (R), 614-466-8060
- **State & Local Government & Veterans Affairs:** Chair Kris Jordan (R), 614-466-8086
- **Ways & Means & Economic Development:** Chair Tim Schaffer (R), 614-466-5838
- **Finance & Appropriations, Agriculture & Natural Resources Sub.:** Chair Timothy Derickson (R), 614-644-5094
- **Finance & Appropriations, Transportation Sub.:** Chair Ross McGregor (R), 614-466-2038
- **Financial Institutions, Housing & Urban Development:** Chair Richard Adams (R), 614-466-8114
- **Health & Aging:** Chair Lynn Wachtmann (R), 614-466-3760
- **Insurance:** Chair Jay Hottinger (R), 614-466-1482
- **Local Government:** Chair Terry Blair (R), 614-466-6504
- **Public Utilities:** Chair Peter Stautberg (R), 614-644-6886
- **State Government & Elections:** Chair Matt Huffman (R), 614-466-9624
- **Transportation, Public Safety & Homeland Security:** Chair Courtney Combs (R), 614-644-6721
- **Ways & Means:** Chair Peter Beck (R), 614-644-6027

LEGISLATIVE UPDATE: 129TH OHIO GENERAL ASSEMBLY

To follow is a summary of Ohio Statehouse legislation OSPE is monitoring in the 129th Ohio General Assembly:

CONTAMINATED SITE REMEDIATION, House Bill 10 (Sears)	To authorize refundable tax credits through 2017 for the completion of a voluntary action to remediate a contaminated site & for the return of such sites to productive use & to exempt persons through 2017 who have been issued covenants not to sue under the VAP for certain fees & penalties for 1 year after the issuance of such a covenant.	Status: Third hearing in House Ways & Means, 02/23/11.
SEWAGE PLANS, House Bill 32 (Amstutz)	To exempt from the Professional Engineers & Surveyors Law the preparation of plans or drawings for a sewage treatment system or components of a system & measurements concerning such a system or components that are necessary to comply with the Household & Small Flow On-site Sewage Treatment Systems Law.	Status: Passed House. All testimony heard in Senate Agriculture, Environment & Natural Resources, 11/15/11. OSPE opposes bill in current form.
TURNPIKE COMMISSION, House Bill 40 (Damschroder)	To make the Ohio Turnpike Commission responsible for major maintenance & repair & replacement of grade separations at intersections of any turnpike project with county & township roads.	Status: Third hearing in House Transportation, Public Safety & Homeland Security, 03/02/11.
PERFORMANCE BUDGETS, House Bill 81 (Snitchler, Rosenberger)	To require performance budgeting by most state agencies.	Status: Introduced in House & referred to State Gov't & Elections, 02/02/11. Hearing 02/15/11.
LABOR REQUIREMENTS, House Bill 102 (Young)	To prohibit state agencies from requiring or prohibiting certain labor requirements as a condition of performing public works & to prohibit the appropriation of state funds for public works when political subdivisions require or prohibit certain labor requirements.	Status: Amended bill reported from House Commerce & Labor, 05/11/11.
TRANSPORTATION BUDGET, House Bill 114 (McGregor)	To make appropriations for programs related to transportation & public safety for the biennium beginning July 1, 2011 & ending June 30, 2013.	Status: Signed by governor & effective 03/30/11.
OIL & GAS LEASING, House Bill 133 (Adams, J.)	To create the Oil & Gas Leasing Commission, to establish a procedure for leasing land owned or under the control of state agencies for oil & gas production in order to provide funding for capital costs for the agencies, & to exclude nature preserves from drilling.	Status: Signed by governor, 06/30/11. Effective in 90 days.
TRANSPORTATION PARTNERSHIPS, House Bill 151 (McGregor)	To authorize the Department of Transportation to enter into public-private partnership agreements.	Status: Referred to House Transportation, Public Safety & Homeland Security, 03/15/11.
BIENNIAL BUDGET, House Bill 153 (Amstutz)	To make operating appropriations for the biennium beginning July 1, 2011, & ending June 30, 2013, & to provide authorization & conditions for the operation of state programs.	Status: As signed by governor, 06/30/11, the engineers & surveyors board will transition to biennial renewal & DAS will make recommendations for state gov't reorganization, including less state agencies. Watch rule-making process.
PROFESSIONAL LICENSURE, House Bill 169 (Williams, S.)	To revise the laws governing issuance of certain professional licenses.	Status: First hearing in House State Gov't & Elections, 04/05/11. Via HB 153, a convicted felon may obtain a barber license if s/he were convicted before applying for it.
PUBLIC CONTRACTS, House Bill 176 (Beck)	To limit the magnitude of change orders on public improvements required to be competitively bid.	Status: Second hearing in House Commerce & Labor, 06/08/11.
EMPLOYMENT APPLICATIONS, House Bill 230 (Williams, S.)	To prohibit employers from including on an employment application any question concerning whether an applicant has pleaded guilty to or been convicted of a felony.	Status: Hearing in House Commerce & Labor, 06/01/11.
BUILDING STANDARDS, House Bill 306 (Pillich)	To require a building or structure constructed using state capital budget moneys to adhere to certain energy efficiency & building standards & to encourage the use of Ohio-produced products.	Status: Referred to the House State Government & Elections, 09/13/11.
SMALL BUSINESS RULES, Senate Bill 2 (Hughes)	To adopt a new small business rule review procedure.	Status: Signed by governor, 03/04/11. Effective in early June.
PERFORMANCE AUDITS, Senate Bill 4 (Schaffer)	To require performance audits of most state agencies, to loan funds to state agencies & local public offices to pay for performance audits, & to make an appropriation.	Status: Signed by governor & effective, 04/05/11. (House Bill 2 was companion legislation.)
COLLECTIVE BARGAINING, Senate Bill 5 (Jones)	To make various changes to laws concerning public employees, including collective bargaining, salary schedules & compensation, layoff procedures, & leave.	Status: Signed by governor, 03/31/11; effective at end of June. Voters defeated legislation, 11/08/11.
GOV'T REGULATIONS, Senate Bill 11 (Cafaro)	Among other things, to enact the Common Sense Regulation Act to improve state agency regulatory processes, especially as they relate to small businesses.	Status: Referred to Senate Gov't Oversight & Reform, 02/02/11.
SMALL BUSINESS, Senate Bill 12 (Kearney)	To generally require that state agencies set aside a certain amount of purchases for which only small business enterprises may compete.	Status: Referred to Senate State & Local Gov't & Veterans Affairs, 02/02/11.
LABOR REQUIREMENTS, Senate Bill 89 (Jordan)	To prohibit state agencies from requiring or prohibiting certain labor requirements as a condition of performing public works & to prohibit the appropriation of state funds for public works when political subdivisions require or prohibit certain labor requirements.	Status: Referred to Senate Insurance, Commerce & Labor, 03/08/11.
WATER REPORTS, Senate Bill 96 (Stewart)	To require a community water system's annual report to its customers to include info re the amount of water lost by the system during the transmission of water between the source waters utilized by the system to the consumers serviced by the system.	Status: First hearing in Senate Agriculture, Environment & Natural Resources, 04/05/11.
OIL & GAS DRILLING, Senate Bill 212 (Skindell)	To establish requirements governing well stimulation, brine disposal, & water that is used in the drilling & operation of oil & gas wells on state land, including a requirement that oil & gas permittees pay a five per cent overriding royalty for each well that is stimulated.	Status: Referred to Senate Agriculture, Environment & Natural Resources, 09/20/11.
OIL & GAS DRILLING, Senate Bill 213 (Skindell)	Establishes a moratorium on horizontal stimulation of oil & gas wells until the USEPA publishes a report containing the results of a study of the relationship of hydraulic fracturing to drinking water resources & the Chief of the Division of Oil & Gas Resources Management issues a report analyzing how Ohio's rules address issues raised in the USEPA report.	Status: Referred to Senate Agriculture, Environment & Natural Resources, 09/20/11.
RENEWABLE ENERGY, Senate Bill 242 (Patton)	To specify that renewable energy resources do not have to be converted to electricity to receive renewable energy credits.	Status: Referred to Senate Energy & Public Utilities, 11/09/11.

LEGISLATIVE UPDATE

by Jeff Kennedy, P.E., Vice President, OSPE Legislative & Government Affairs



OSPE submits proposed 'sewage plans' amendment to protect Ohioans

PE's, call your legislators & encourage infrastructure funding

With Ohio's legislature in session for much of the year, OSPE's constant oversight is required as a continuous flow of bills pour forth from the capitol. Of the 23 bills OSPE has been monitoring in the 129th Ohio General Assembly, six have been enacted and 17 remain under consideration. In addition, we watch daily for new legislation of interest or concern to the professional engineering (PE) community. Furthermore, we stand vigilant against attempts to consolidate the State Board of Registration for Professional Engineers and Surveyors with other licensing boards.

Presently, at the top of our agenda is House Bill 32, which is sponsored by Rep. Ron Amstutz (R-Wooster). As the legislation has progressed in the Ohio Senate, John Troy, PE, FNSPE, and other OSPE members, as well as Holly Ross, an OSPE legislative agent, have been working with Rep. Amstutz to craft a compromise amendment to satisfy OSPE's concerns

about the design of small flow, non-residential sewage treatment systems, which would be exempted from the professional engineers and surveyors law by the current language of the bill. Our concerns regarding this legislation are magnified because plans will be reviewed by local departments of health rather than the Ohio

OSPE has proposed a compromise amendment for House Bill 32 to benefit the health, safety and welfare of Ohioans.

EPA. OSPE continues work to keep PE's in the picture for the benefit of the health, safety and welfare of Ohio's citizens.

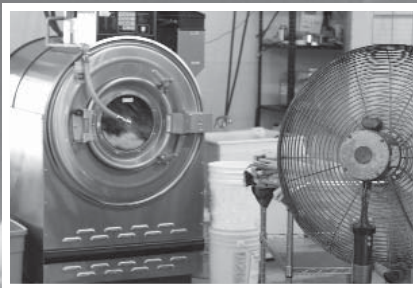
Another area of concern is the question of funding for infrastructure projects. The American Society of Civil Engineers publishes a report card annually on the

condition of America's infrastructure. The 2010 Update of the 2009 Ohio Infrastructure Report Card graded bridges with a "B-" at the top end of the scale and roads and transit at the bottom, tied with a "D" grade. In the midst of the economic downturn, governmental budgets at all levels are shrinking. Infrastructure needs are as critical as ever, but everyone funded by government revenue has their hand out wanting their share.

In this current atmosphere, OSPE members will need to cooperate with other like-minded engineering societies and leverage our combined influence to improve the share of local, state and federal budgets going to maintain and upgrade the American infrastructure that undergirds the standard of living for all of us.

PE's, please call your state and federal legislators. Use your professional expertise to encourage the appropriate funding of the infrastructure on which we all rely.

Together We Can Clear the Air



CARC helps drycleaners and other small businesses improve Ohio's air quality and comply with environmental standards

The Clean Air Resource Center (CARC) can help your small business find solutions to air quality challenges.

CARC is an independent, non-regulatory one-stop shop that confidentially helps small Ohio businesses navigate the complexities of environmental mandates of federal and state agencies.

CARC also helps businesses utilize tax benefits for financing air quality improvement projects through bond financing available from the Ohio Air Quality Development Authority (OAQDA). For more information, contact CARC at 614-224-3383 or visit www.ohioairquality.org.



Ohio

**Air Quality
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OSPE & EFO PROGRAMS

EFO golfers raise \$7,000 for education

The EFO Benefit Golf Outing was held September 23 at Bent Tree Golf Club in Sunbury. Thanks to players and sponsors, the Golf Outing grossed nearly \$7,000 for EFO programs, such as the Imagine Engineering Coloring Contest for second graders, scholarships and the Engineers Leadership Institute. Thank you to Steve Day, PE, the Benefit Golf Outing chair, and to our volunteers Howard Jones, PE, and Bruce Larcomb, PE, PS.

OSPE members and golf participants had the opportunity to earn 2.0 CPD hours for free through an "Ethics in Engineering" seminar led by Bill Lhota, PE, PS. Bill is president and CEO of Central Ohio Transit Authority, as well as a board member for the National Institute for Engineering Ethics and past chair of the NSPE Board of Ethical Review.

The winning team included Jim Arnold, PE, Steve Day, PE, Jason Francis, and John Martin. In second place was the team from The JDI Group, Inc.: Tom

Blaine, Bob Buchwald, Hershel Erwin and Fred Tito, PE. Special awards were also made to John Martin, for hitting the "longest drive," Joe A. Warino, for making the "longest putt," and Hershel Erwin, for being "closest to the pin."

EFO extends its gratitude to the following sponsors: **American Electric Power; American Reprographics Co.; E.C. Babbert, Inc.; Henry Frank, PE; The JDI Group, Inc.; Kohli & Kaliher, Associates, Inc.; Leidy Engineering Sales, Inc.; Mahoning Valley Chapter - OSPE; Mannik & Smith Group, Inc.; Means Bichimer Burkholder & Baker; National Ground Water Association; The Ohio Academy of Science; Ottinger & Associates, Inc.; Power System Solutions; Sands Decker, CPS, LLC; TTL Associates, Inc.; Varo Engineers, Inc.; and Joseph Warino, PE, PS, Canfield City Manager.**

EFO would also like to thank its in-kind donors: **Akron Aeros, Ameriprise**



The winning team included **John Martin of Lotus Golf, Jason Francis, Jim Arnold, PE, and EFO Benefit Golf Outing Chair Steve Day, PE.**

Financial, Anonymous, Center of Science & Industry, Cincinnati Art Museum, Columbus Fish Market, Fire Museum of Greater Cincinnati, Bob Fox, PE, Funny Stop Comedy Club, Galaxy Games & Golf, The Henry Ford Museum & Village, Intercontinental Hotels - Cleveland, Lotus Golf, Miller Ferries to Put-In-Bay & Middle Bass Island, Nautica Queen, Snow Trails, Toledo Mud Hens Baseball Club, Inc., Trumpet in the Land, Weathervane Playhouse, the Westerville Golf Center, Inc., The Wilds, and Young's Jersey Dairy.

EFO scholarship winners start their studies as Foundation prepares to offer \$27,300 for academic year 2012-2013

Fifteen college students began their studies this fall armed with funding from Engineers Foundation of Ohio (EFO) scholarships totaling \$23,300. Seven college students are benefitting from EFO scholarship renewals, which were initially awarded in previous academic years. However, eight college students are new EFO scholarship recipients this year.

Congratulations to these eight new recipients who, last year, were among the 94 students vying for EFO scholarships for the 2011-2012 academic year:

- The Melvin Bauer, PE, PS – OSPE N. Central Chapter Memorial Scholarship recipient is **Caleb Miller** of Bucyrus (North Central Chapter). He is studying mechanical engineering at The Ohio State University (OSU).
- The Raymond H. Fuller, PE, Memorial Scholarship recipient is **Cody Gador** of Cincinnati (Cincinnati Chapter). He is studying mechanical engineering at OSU.
- The Cyril W. Neff, PE, PS, Memorial Scholarship recipient is **James Crawford** of Seville (Akron Chapter). He attends Ohio Northern University where he may study mechanical engineering.
- The Peter Peterson Fund/University of Toledo Scholarship recipient is **David Szymanski** of Rossford (Toledo Chap-

ter). He is studying civil engineering at The University of Toledo.

- The EFO General Fund Scholarship recipient is **Marcus Grimm** of Salem (Mahoning Valley Chapter). He is studying chemical and biomolecular engineering at the University of Akron.
- The Auxiliary to the Franklin County Chapter of OSPE Scholarship recipients are **Emma Schroder** of Cincinnati (Cincinnati Chapter) and **Luke**



James Crawford (right) receives the Cyril W. Neff, PE, PS, Memorial Scholarship from EFO President Owen March, PE, at the annual Awards Luncheon in Warrensville Heights.

Sobota of Beavercreek (Dayton Chapter). Both students attend OSU, where Schroeder is studying food, agricultural and biological engineering and Sobota is studying electrical and computer engineering.

- The Franklin County Chapter Scholarship recipient is **Achal Singhal** of Columbus (Franklin County Chapter). He is studying mechanical engineering at OSU.

Thank you to EFO Scholarship Committee members Steve Day, PE; Ken Hoch, PE; Howard Jones, PE; Joe Sullivan, PE; Ed Schlaack, PE; and Leon Winget, PhD, PE, who judged the state scholarships.

For the 2012-2013 academic year, EFO is offering \$27,300 in scholarships to qualifying engineering students. For most EFO scholarships, applicants must be U.S. citizens, permanent residents of Ohio, and graduating high school seniors admitted to an engineering program approved by the Accreditation Board of Engineering and Technology (ABET) at an Ohio engineering college or Notre Dame. Candidates must have at least a 3.0 GPA and meet minimum SAT or ACT scores in math and reading/composition or English. Additional criteria apply for some scholarships.

For further details, call EFO at 1-800-654-9481 (Ohio toll-free) or at 614-223-1177.



Gain recognition through engineering awards

The Ohio Society of Professional Engineers (OSPE) offers several professional awards every year.

Awards with a nomination deadline of February 1 include OSPE Citation, Meritorious Service, Outstanding Engineering Student, Outstanding Engineering Educator and Outstanding Engineering Achievement. The OSPE Young Engineer of the Year award deadline has been extended from December 1, 2011, to February 1,

2012.

You may obtain OSPE award descriptions and application forms from OSPE's web site at www.OhioEngineer.com. Click on "Become a Member" then on "Getting Ahead." You will find the Awards Manual near the bottom of the webpage. Alternatively, you may call 1-800-654-9481 (614-223-1144 in the Columbus area) and request more information. Seven copies of the completed nomination

form must be submitted to OSPE for each award.

Award presentations will be made at OSPE's 2012 Spring Continuing Professional Development (CPD) Conference and Annual Meeting of the Members. The Spring CPD Conference will take place in Columbus next June.

Win the New Product Award & showcase your innovation

The Ohio Society of Professional Engineers-Professional Engineers in Industry (OSPE-PEI) is accepting applications for the 2012 Ohio New Product Award through March 31, 2012.

The purpose of the Ohio New Product Award is to stimulate and recognize the full spectrum of benefits that come from the research and engineering of new products. These benefits include added

employment, economic development, strengthening of the nation's competitive position internationally and contribution to the public's standard of living. The competition was started to recognize engineering companies who contribute to the creation of these benefits through their research and development.

New products, machines, processes, and materials will be judged in terms of

their economic contribution to purchases, jobs created, and annual sales; their incorporation of innovative engineering principles and materials; their improved function, ease, and overall benefits; and their environmental impact. The winner of the state competition will be eligible to enter the national competition.

To be considered for the 2012 Ohio New Product Award, entries must have been primarily developed and manufactured in Ohio and placed on the market between September 1, 2008 and September 1, 2011. Applications must be received by OSPE no later than 5:00 p.m. on Wednesday, March 31, 2012. The \$100 entry fee has been waived for this year.

To receiving an application, please call OSPE at 1-800-654-9481 (614-223-1144 in the Columbus area).

Welcome, new OSPE members

OSPE is pleased to welcome these 23 new members from July 17, 2011 through November 29, 2011:

Akron District

Patrick Klanac, P.E.
Susan Stetzik, E.I.

Buckeye

Matthew Lee Williams, P.E.

Cincinnati

John Mark Bruck, P.E.
Mark Greasley, P.E.
James "Rhett" McGregor, P.E.
Kenneth Smiley

Dayton

Reid Allen Larson, P.E.
Gregory Loughnane, E.I.
James Sawyer, P.E.
Eric Vogel, P.E.

Franklin County

Dennis W. Bethel, P.E.
Boram Choy, E.I.
David Foust, P.E.
Sarah F. Heifner
Jeffrey Hullinger, P.E.
Joel Kozlesky, E.I.
Terry L. Libby, P.E.
Scott Lockwood, P.E.
Janet J. Mead, P.E.
Dominic A. Miller, E.I.
Thomas H. Pollock, P.E.
Stephen K. Prater, P.E.
Camas Reed, E.I.
Allen David Robinson, P.E.

Franklin County (cont'd.)

Martin R. Shumway, P.E.
Siying Sun, E.I.
Cody Ward

Lima

James M. Grigsby, E.I.
Aaron Moeller, E.I.

Mahoning Valley

Kimberly M. Coburn, E.I.
Justin Hosseininejad, E.I.
Michael Daniel O'Rourke

North Central

Ryan Paul Athy, E.I.

Northeast

Luke Baker, P.E.
Jamie N. Hain, E.I.
Andrew J. Hansel, E.I.
Lin Wan, E.I.
Aileen Yenco, E.I.
Zamir Aimaduddin Zulkefli, E.I.

Southern Ohio

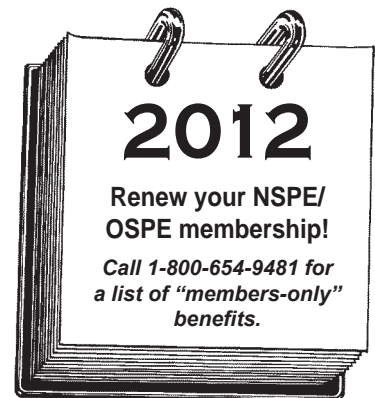
Brian D. Wilson, P.E.

Toledo

Kyle J. Bosworth, P.E.
Michael J. Dunipace, P.E.
Lisa Liew
Ngalula Mubenga, P.E.
Ken Samoei, E.I.
Adrienne E. Taylor, P.E.

Out-of-State

John Berry, P.E.
Dustin Park, P.E.



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