



VOL. 72  
NO. 2

# Columbus Engineer

**Official Publication of the Franklin County Chapter of the Ohio and National Societies of Professional Engineers**

## PRESIDENT'S MESSAGE

By Richard Smelker FCC President



The chapter had a Joint Luncheon with Engineers Club of Columbus, ASCE and FCC/OSPE on September 12. The topic was "Engineering Lessons Learned". The food was excellent. There was a large crowd and very good lessons learned were presented by the speakers.

This month, on October 5, bring the family and join us at the Columbus Square Bowling Palace for some bowling fun. Bowling starts at 12:00 PM and is \$4.00 per game per

person (Cost includes bowling shoes). Along with your family invite a prospective member the more the merrier.

The luncheon this month will be on October 17 at the Worthington Country Club the topic will be on the I270 route 23 Construction.

The 2014 Imagine Engineering second grade coloring contest is will start in November. We will need volunteers to visit the schools and talk to second graders about what engineers do (we don't just drive trains!). This is really an easy way to "pay it forward" to the next generation of engineers. If you are interested in participating, please contact Devon Seal, the Imagine Engineering Chairman.

## October OSPE-FCC Luncheon

**Date:** Thursday, October 17, 2013

**Place:** Worthington Hills Country Club  
920 Clubview Blvd S.

**Time:** Registration 11:30  
Lunch: 12:00 Noon

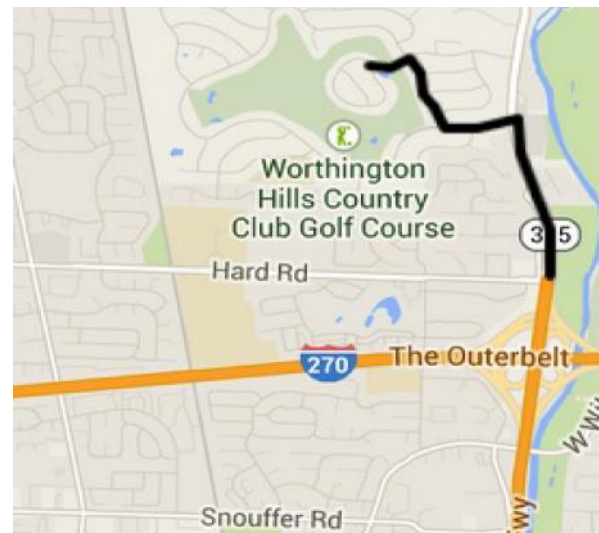
**Cost:** \$20 OSPE Members  
\$30 Others

**Registration:** visit [fccospe.com](http://fccospe.com)  
Pay at door or online ([fccospe.com](http://fccospe.com))

**Program:** I270 / US23 Interchange Redesign / Reconstruction - Reconfiguration of major elements and introduction of the first "Trench" construction element in Ohio is utilized to address traffic capacity and safety elements in the urban interchange location.

**Program Outline:** The Need / The Funding / The Politics / The Design / The Construction and R/W Impacts

**Principal Presenters:** Leslie Montgomery - ODOT District 6 Project Manager and Scott Campbell PE - Engineering Consultant (HNTB) Project Manager



A certificate for 1 hour of Professional Development for attending the program will be presented at the luncheon.

### OCT. AUXILIARY EVENT

The Auxiliary to the Franklin Co. Chapter of OSPE has scheduled a noon luncheon for Tuesday, October 15, at Worthington Hills Country Club, 920 Clubview Blvd. South, Worthington.

Speaker will be Mike Kilburn, local TV journalist, now with WSYX-Channel 6. He travels Ohio as executive producer of the Sunday morning program "Out and About Columbus". Spouses and other guests should enjoy this program.

Jean Mitchell will be hostess, and Elizabeth Vaughn will give the invocation and lead the pledge of allegiance.

To make a reservation, call Mrs. Mitchell at 614-263-7071.

Correction from the June issue: June Gray is treasurer, She was listed as secretary in the program from the May luncheon.

### FCC/OSPE Family Event

*Bring the family and join us at the Columbus Square Bowling Palace for Bowling on October 5, 2013 at 12:00 pm for some bowling fun.*



*Bowling is \$4.00 per game per person. (Cost includes*

*bowling shoes.) Call the chapter at 470-4170 or email*

*registration information to OSPEFCC@aol.com by October 2, 2013. Please include your name and*

*phone number, and the number of people attending so that we reserve enough lanes for*

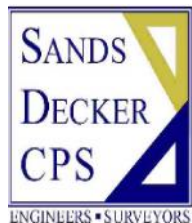
*everyone.*

*The Columbus Square Bowling Palace is located at 5747 Forest Hills Blvd., Columbus Ohio 43231*



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**A History of FCC/OSPE – Assassinations, Urban Renewal,  
War Build-up and a Set of rules**

(This is the thirteenth issue of the History of Franklin County Chapter, by L.E.Winget, Ph.D., P.E. The content is based on the Frank Geyer’s compilation “A History of FCC”, 1972.)

**FY 1963-64 – Assassinations and Urban Renewal –**

President John F. Kennedy was assassinated in Dallas, Texas. LBJ (Johnson) assumed the presidency in Air Force 1 on the way back to Washington, D.C. The US, USSR and Great Britain signed a treaty banning test of nuclear weapons above ground. A high priority “hot” telephone line was installed between DC and Moscow to reduce the possibility of an accidental war. A mass civil rights rally was held in DC. The Panamanians rioted against the US. President LBJ asked congress for a survey of an alternated route for a canal north of Panama.

The Chapter elected R.F. McGuckin as President and M.L. Smith as Vice President. There were 2 Directors, 4 Functional Group Directors and 11 Chairs. The dinner meetings were held at the Cabbage Corners, Winding Hollow Country Club, Ohio Union, Christopher Inn, Fort Hayes, and Southern Hotel.

The Chapter returned to Cabbage Corners for a steak fry and square dancing, in September. The Auxiliary hosted two meetings, one at Winding Hollow in October and one in January at Fort Hayes. Dancing was available at both meetings and bridge was available for those that did not dance. A certification presentation meeting was held in November at the Ohio Union, OSU Campus. The Annual FCC Professional Engineers Family Picnic was held at the Indian Village at Griggs Dam in June.

The treasurer, J. Cohen, suggested that the Chapter become active in civic affairs, hence the Chapter join the Columbus Chamber of Commerce (but not the Better Business Bureau) and became a member of Citizens’ Research Council. R. B. Filbert, a Director of the Chapter, was appointed as member of the Council for a two-year term. The Chapter encouraged the establishment of Columbus Technical School to provide a two-year course in various engineering fields.

Other activities – Director Underwood wrote a letter to Mayor Sensenbrenner requesting appointment of a registered engineer to the Urban Renewal Council. VP M.L. Smith reported that 75 engineers enrolled in the refresher course offered by OSU to enable engineers to pass the registration examinations. WLWC-TV showed an interest in a TV series about professional engineering.

**FY 1964-65 – War Build-up and a Set of Rules -**

The North Vietnam attacked the US destroyers in the Gulf of Tonkin and the US bombed North Vietnam in retaliation. US military aid to South Vietnam was increase. Later, the US began military operations against bases in North Vietnam. Communist China exploded a nuclear device. The first US combat Marines landed in South Vietnam. LBJ announced plans to build a new canal in Central America to replace the Panama Canal. US Ranger 9, orbits the moon sending pictures of the backside of the moon to Earth. (No Extra-Terrestrial base was spotted.) Closer to home, LBJ signed the Civil Rights Act and the Afro-Americans began marches and riots in New York City and other major cities in the US. LBJ ordered troops to protect the civil rights marchers in Alabama.

The Chapter elected T.L. Underwood as President and J.A. Cohen as Vice President. There were 2 Directors, 12 Directors/Trustees and 17 Chairs. The dinner meetings were held at Winding Hollow Country Club, The Columbus Plaza, Fort Hayes Officers’ Club, Westinghouse Auditorium.

The September meeting was a tour of the Industrial Nucleonics ..... Accuray, bought out by Combustion Engineering, bought out by ABB.) The October meeting was a joint meeting with the Chapter, OSPE and the Auxiliary with the speaker Mrs. Jerry Mock. Two certificate presentations were held, one at the



Mrs. Jerrie Mock on March 19, 1964 at Port Columbus before leaving for her historic round the world flight.

(Continued on page 4)

(A History of FCC/OSPE continued from page 3)

Columbus Plaza in November and one at Fort Hayes Hotel in February. The Auxiliary again sponsored a dinner dance meeting in January. The April meeting was at the Westinghouse Auditorium.

This year was a very active year, which included several significant events. Chapter dues were increase to \$40 for PE’s, \$21 for EIT’s and \$1 for students. Three dollars were for the support of an Executive Director for the Chapter. (See the next CE issue.) A refresher course for engineers preparing to take the State Boards was conducted by the College of Engineering, OSU. The first conference for the Functional Group for Sanitary Engineers was held at the Nationwide Inn in November. The State of Ohio proposed a plan, The Blue Plan, for the most effective use of land area in Central Ohio.

The topics at the meetings were:

- How to Go Around the World the Hard Way (Jerry Mock)
- The Proposed Highway Research Center in Ohio (Water Graf)
- Where Do We Go from Here (Panel – Col. R.R. Litehiser, Moderator)
- The Common Denominator (Movie)
- Science is Fun (Sandy Hallock, Bill Schmidt)

(Mrs. Jerry Mock made the historical flight around the world in March leaving from Columbus; Sandy Hallock and Bill Schmidt were located at COSI.)

Other events of Interest: H.T. Bolton, Chairman of the Registration Law Revision Committee, reported the need for an “Eminence Clause” to allow engineers over 45 years of age and with a minimum of 10 years of

engineering work, with three PE’s recommendation, to register for the PE without taking the examination. The OSPE supported a bill to set the salary of County Engineers a minimum of \$8950 and a maximum of \$18,000, which became law in 1964. Lloyd Chacey wrote a letter to the Columbus Dispatch asking that they do not use the term “Engineer” in conjunction with equipment operators when in reality the phrase “equipment operator” is intended.

As a sidelight the Missouri Society of Professional Engineers published a list of factors that help to improve the image of the Professional Engineer.

The factors are:

1. He must be perpetually alert to his professional competence.
2. His first responsibility is to the general public.
3. His major bulwarks are: his technical competence and his integrity
4. ...

The list is extensive, and is too long to include one issue of the History of Franklin County Chapter. So please watch for more in future Columbus Engineers.

The FCC Annual Professional Engineers Picnic was held at the Whetstone Park Shelter House in June.

**Next: Riots, USS Hope, Lunar Landing and Water Fluorination**

**What is it?  
Bitcoin**

Welcome to the virtual world of currency, namely, bitcoin. “Bitcoin is a **cryptocurrency** where the creation and transfer of bitcoins is based on an open source cryptographic protocol.” The concept was introduced in 2008 by Satoshi Nakamoto, who called it a peer-to-peer electronic cash system. Transactions are secured by servers called bitcoin miners. Bitcoin has been accepted in trade by merchants and even individuals in many parts of the world. Unfortunately, illicit activities constitute some of its commercial usage. Many commentators have criticized the volatile exchange rate, in one case it had varied from \$260 to \$90.) The code for the bitcoin is BTC. (More information can be found at Wikipedia, weusecoins.com, WSJ, Barrons, etc.)



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**FIRST CLASS**

OHIO SOCIETY OF  
PROFESSIONAL ENGINEERS  
Franklin County Chapter  
P.O. Box 69  
Reynoldsburg, Ohio 43068

**2013-14 CALENDAR**

Oct. 6	12:00 p.m.	Family Event: Bowling – Columbus Square Bowling Palace
Oct. 8	5:30 p.m.	FCC Board Meeting @ Korda Nemeth
Oct. 15	5:00 p.m.	Deadline for November <i>Columbus Engineer</i>
Oct. 17	Noon	Program: Luncheon - I270/S23 Interchange Redesign/Reconstruction
Nov. 12	5:30 p.m.	FCC Board Meeting @ Korda Nemeth
Nov. 14	Noon	<b>Program: Luncheon – TBA</b>
Nov. 15	5:00 p.m.	Deadline for December <i>Columbus Engineer</i>
Dec. 10	5:30 p.m.	FCC Board Meeting @ Korda Nemeth
Dec. 16	5:00 p.m.	Deadline for January <i>Columbus Engineer</i>

