

## Construction CPM Conference CCC25 Philadelphia 19-22JAN25

### Birthplace of a Nation - Birthplace of CPM

Birthplace of ENIAC (1st Electronic Digital Computer) 1945 and Primavera 1983

**Birthplace of James J O'Brien 1929 and Fredric L Plotnick 1952**

Birthplace of CPM 1956 (Kelley & Walker) and PMI (Project Management Institute) 1969

### Returning to our Home for Better Planned Projects

Welcome to 3rd Quarter July 2024 and planning for post presidential election season of 2025  
I expect a LOT of new (and old) project releases. I expect many to have urgency. I expect need for CPM.

ENIAC was created by Mauchly. CPM was then created as an exercise by Kelley and Walker to demonstrate a practical use of the newly invented electronic digital computer. It took James O'Brien to suggest and then spread to the world the impact to our construction and other time centric industries.

It is OUR job to continue spreading of the discipline of Critical Path Method Planning as modified to utilize the more powerful computers of 2025 (rather than those of 1956) to further the goal of calculating the best schedules for our projects. Kelley, Walker, and others knew that the 1956 solutions were only approximations limited by the mathematics and computer power of the day. Do YOU know that despite the many magnitudes of increased power of today's computers, such are still only approximations and often off by weeks or even months as to earliest achievable completion? This is not rocket science - it is much more complex. So much more that even today's computers can provide only an approximation.

The development of new computer software of, by and for software companies has not been used to address the issues of the leaders of 1956, and in many cases yield a solution inferior to those of yore. But we as Engineers already knew OUR job is to understand and make these tools still serve US.

Come to Construction CPM Conference to learn proper PLANNING, and to compare and contrast the solutions provided by these software developers. **Go Home Trained in Three or More!** Consider new features and Add-Ons to help YOU understand how to use these tools to best manage OUR projects.

The latest from SCOTUS ending "Chevron" tells us we can no longer say "the computer says" and demands we be able to explain and duplicate (by hand if necessary) the calculation to a Court. Beyond courtroom shouting, please remember that OUR job is to create best projects for our stakeholders.

Yes it may be temperate or even cold in Philadelphia in January, but we of CCC are taking care of you! Direct rail from airport to underground concourse at CityHall and exit to surface at our hotel. Drop your bags, then **hot-tub**, or for same \$6.75 fee get back on SEPTA to visit Independence Mall and Liberty Bell.

**Sunday** is our official Welcome with Registration at 3pm and Welcome Reception by ASTA at 6pm.

**Monday** is indoor for breakfast, keynote, breaks and lunch, sessions, and Networking Reception, sponsored by SmartPM, with very walkable **Dine with Five New Friends™** restaurants within blocks. And then back for more drinks and a cigar courtesy of Ron Winter's Schedule Analyzer.

**Tuesday** is again indoors up through the Networking Reception sponsored by Zachry, then board a bus for a evening tour of Philadelphia with drop off to one of two Casinos for an evening of gambling and study of Monte Carlo analysis of Risk.

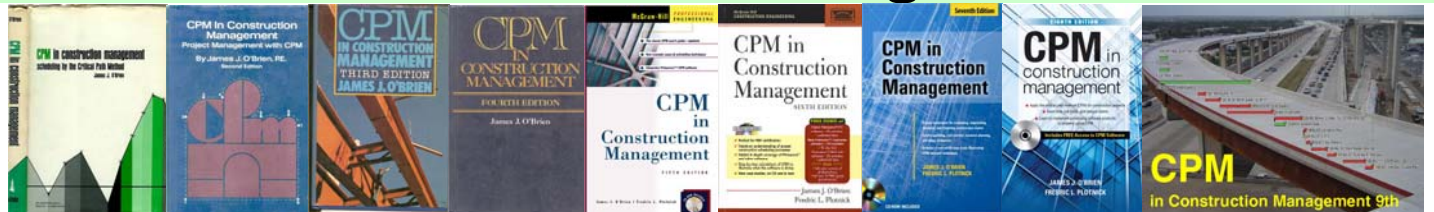
**Wednesday** is again indoors up through 4:25pm, then head for home (\$6.75 SEPTA to airport) or more events in Philadelphia, or join some to transit to Atlantic City for **Two Days of FRED** and other education or entertainment activities at the **Golden Nugget Casino**.

### Our Continuing Mission Since 2011

- To explore leading edge CPM scheduling concepts
- To seek out new expert schedulers and software solutions
- To boldly go where no scheduling conference has gone before



### CPM in Construction Management, 1-9<sup>th</sup> Ed.



### Our Industry Bible from 1964 to 2024. And now: McGraw-Hill desires we update to a 10th Edition. They and we have a few Questions:

- Has the way you use CPM in your projects changed over past 5, 10, 20 years?
- What are significant changes or hurdles faced in using CPM?
- What new trends in construction & project management must be considered?
- What are areas YOU struggle most with? Your end-users struggle most with?
- Do you find our "written for practitioners" and "layers of onion teaching" organization logical? Broad description then detail then practical application? Or do you prefer all similar material combined to be in only one chapter?
- Are there chapters (of 8th or 9th) you find unnecessary? What of case studies?
- What do you feel should be added, retired or changed?

So please help in writing of 10th with input to [FRED@plotnick.com](mailto:FRED@plotnick.com)

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