



IBOP-EC Construction Update



Fiber construction activity continues to progress, and at this time, 75% of the fiber has been installed. Contractors have been working to complete end-to-end fiber testing and close out activities on the fiber routes which include: Northern Illinois Laterals, Kankakee to Champaign, Bloomington to Champaign and Champaign to Effingham.

Fiber installation continues on the other routes, including: Kankakee to Chicago, Effingham to Collinsville, Paris to Olney, Champaign to Springfield, Quincy to Springfield and Quincy to Macomb. Some of these areas include challenges such as directional boring or drilling through thousands of feet of rock. This is the case in areas west of the Illinois River, as well as in Southeastern Illinois. Additionally, in the area between Springfield and Barry, along the I-72 corridor, the contractor is preparing for a 2,500+ ft. directional bore beneath the Illinois River.

In parallel to the outside plant construction activity, CMS contractors have been working to complete the inside plant construction activity within the community anchor institution (CAI) sites that will be directly connected via fiber. Inside plant work has been completed at 50% of the CAIs and ICN staff are working on configuration and installation of the customer premise equipment.

Come visit with ICN staff at the Illinois Computing Educators (ICE) Conference, 2/27 through 3/1, at Pheasant Run Resort in St. Charles, Illinois.



Kirk Mulvany



Mark Loges



Meet our Staff - Behind the Scenes with IBOP

Together, Kirk Mulvany and Mark Loges bring more than 36 years of LAN/WAN, general IT, design/security and network experience to the IBOP Project.

Kirk's years with the Illinois Century Network (ICN) in previous roles as Field Operations Manager and Network Design & Security Manager, make him a very capable and experienced Network Services Manager. Kirk's team supports the statewide ICN backbone, including POP sites and associated interconnectivity and services. Kirk is the main point of contact in working with the architectural and engineering firm and the fiber construction contractors. This leadership involves a wide range of project activities including: environmental assessment, network design, permitting, and day-to-day construction activities.

Mark's knowledge and experience with fiber plant management has been greatly beneficial to the fiber project. He played a significant role in the selection of the fiber contractors and the outside plant maintenance contractor. Mark is in constant contact with the construction contractors to discuss progress and day-to-day issues surrounding inside plant construction at our community anchor institutions and ICN POP sites.

Kirk and Mark both appreciate the opportunity to participate in the fiber project. They attribute the project's success to very talented and dedicated co-workers, and the great partnerships that have been developed.

Illinois Century Network Regional Technology Centers	
Region I	800.366.8768
Region II	847.294.4700
Region III	630.907.2950
Region IV	815.936.4644
Region V	815.632.4080
Region VI	309.671.7683
Region VII	217.353.2693
Region VIII	618.651.9633
Region IX	618.453.3833

Illinois Broadband Opportunity Partnership East Central

Community Anchor Institution Spotlight: Township High School District 214



Keith Bockwoldt, Director of Technology Services for Township High School District 214, and one of the National School Boards Association's "20 to Watch" educators for the 2012-2013 school year, looks at mobile technology in the classroom as a vital component of his students' ability to excel academically and compete for job opportunities in this global and technology - focused economy.

Located approximately 25 miles from downtown Chicago, Township High School District 214 is the second largest high school district in Illinois with approximately 12,300 students dispersed among six high schools and four alternative programs. The district serves about 250,000 residents in eight communities.

Three years ago, Keith redesigned the district's approach to technology and focused on the teacher's recommendations to set the direction. The Technology Initiative Program has been extremely successful as evidenced by the increase in the number of students in AP programs, and test scores have improved. Keith has grown the number of devices in the classroom from 350 to 2,650 without increasing the District's technology budget. District 214 is offering cloud-based applications across the Illinois Century Network (ICN) and commercial networks. The District uses 400 megabits of Internet with 130 megabits provided by the ICN. When fully implemented, Keith expects to have a mobile device in the hands of each incoming freshman and allow each student to take a device along to college.

Keep an eye on District 214 and the Technology Initiative Program. **For more information and to hear Keith's story directly from him, don't miss one of these upcoming dates:**

Illinois Computing Educators (ICE) Conference 02/28/2013 - 03/01/2013: [2013 ICE Conference](#)

National School Boards Association (NSBA) 03/13/2013 - 03/15/2013: [2013 NSBA Education Technology Site Visits](#)

D214 Website: [Township High School District 214](#)

