



ROSS E. MONK, PE

Senior Project Manager

EXPERIENCE

Quigg Engineering Inc.

Jacksonville, IL

06/2011–Present

Mr. Monk is QEI's Senior Project Manager and Liaison Engineer for Construction Inspection projects throughout Illinois. He will serve as Senior Marketing Representative for the company as well. Mr. Monk brings a wealth of IDOT experience and contacts to QEI. Previously Mr. Monk served as resident engineer, Construction Field Engineer, and Construction Engineer for IDOT District 2 for 16 year. As well as Program Development Engineer for 7 years. He also served as Senior Project Manager focused on marketing for the nationally recognized engineering firm of H.W. Lochner.

H. W. Lochner

Senior Project Manager

08/2009–06/2011

Mr. Monk worked as a Marketing Representative and Senior Project Manager for H. W. Lochner in downstate Illinois, Southern Wisconsin, and Eastern Iowa. He performed outreach to local, municipal, and other governmental agencies as well as private entities. Mr. Monk was involved with strategic planning and growth initiatives in the Midwest Region.

Illinois Department of Transportation—District 2

04/1987-08/2009

Mr. Monk served the Illinois Department of Transportation for almost 23 year in a variety of roles ranging from Resident Construction Engineer to Program Development Engineer. He also served as the Department's liaison to IEMA. In that role he worked with representatives of Illinois National Guard, ISP, IEMA, Department of Health for the strategic planning of IDOT's role in emergency responses across the state.

Project involvement list is too detailed to list but a few notable projects are listed below.

US 20 Freeport to Galena EIS Completion, Stephenson and Jo Daviess Counties, Illinois

This major EIS was nearing 20 years of study and had been languishing. Mr. Monk redirected personnel and took a fresh approach on the project bringing it to completion shortly after taking assignment as Program Development Engineer. This led to the advertisement of the Phase I and II contract for the Galena Bypass.

West Rock River Crossing EIS Completion, Rock Island/Moline and Milan, Illinois

This major EIS was completed under Mr. Monk's direction and led the way to the letting of the \$60 million river crossing and interchange project connecting Rock Island/Moline and Milan, Illinois. This was the first new Quad Cities' bridge in over 30 years. It opened in June 2007.

I-90/IL 173 Interchange, Machesney Park, Illinois

This new interchange project had been the focus in the northern Illinois stateline region since receiving Federal earmarks for several years under the Transportation Equity Act for the 21st Century bill. The project required a completion of a balanced funding agreement and innovative partnering and scheduling arrangements. Mr. Monk's close personal attention and working relationship with the ISTHA allowed letting of this \$27 million project a year ahead of time. Construction on the bridges was completed in 2006.

Reconstruction of the IL 75 and I-90 interchange, South Beloit, Illinois

The project scope included the addition of ramps to make the interchange service all directions of traffic and the reconstruction of other ramps and bridges to meet the current design standards and design year traffic volumes.

Reconstruction US Business 20, Freeport, Illinois

The project scope included widening, drainage improvements, and geometric upgrades throughout the length of this urban improvement project. Staging and community outreach were important aspects of this project.

Reconstruction of I-88 between US 30 and IL 78, Whiteside County, Illinois

The project scope included removal and replacement of almost 10 miles of deteriorated interstate pavement. There were full-depth bituminous and concrete pavement designs utilized to revitalize this segment of I-88.

I-74 Rock River Bridge, Moline, Illinois

The project scope included the staged construction of a new Rock River Bridge on the same alignment, roadway widening, and geometric improvements. The interesting features were construction of the new ramp bridge spans on a curved alignment.

From 1992 to 1999, Mr. Monk held a position with IDOT as a Construction Field Engineer. For seven years, Mr. Monk was responsible for the management of construction contracts within assigned counties in District 2. In this position, he conducted pre-construction conferences for projects; assigned available personnel or consultants to staff projects; arranged and led partnering meetings; provided supervision and support for approximately 25 assigned personnel in a dynamic environment; and coordinated movement of personnel and supplies to meet the project needs of testing, quality assurance, and documentation. Mr. Monk supervised up to 75 percent of the construction program seasonally. Some of the projects completed under his supervision included:

I-80 Mississippi River Deck Replacement, LeClair, Iowa

This project included the removal and replacement of the bridge deck and substructure elements of the land-based spans on this half long structure over the Mississippi River. Innovative staging and use of consultant inspection were highlights of this \$9 million deck replacement project.

IL-5 (John Deere Road) from Avenue of the Cities to 70th Street, Moline and East Moline, Illinois

The project included the construction of four lanes of new pavement constructed on new alignment, grade separation, and geometric improvements. Highlights of this \$30 million project were construction of the embankments out of shot rock material and lime modification of the final subgrade.

Reconstruction of the I-74/ I-80/I-280 Interchange, Henry County, Illinois

The project included the reconstruction of six of eight interchange ramps over a three-year period and under various contracts. The project included structure replacement, high-fill embankments, and high-speed ramp construction.

Completion of US-20 Climbing Lanes near Galena, Illinois and the Galena Territories

US 20 is a major arterial serving northern Illinois through some of the most breathtaking landscape in Illinois and provides transportation to the state's second most visited tourist destination within Illinois. Mr. Monk has been a part of the construction of these needed climbing lanes since he began work for the Department in 1987. Under his direction, the last segment of climbing lanes was completed in 2000.

From 1987-1989, Mr. Monk served as Resident Engineer with IDOT, in charge of inspection and documentation of various roadway infrastructure improvements. Projects varied in scope and included patching and resurfacing, bridges, and major urban congestion relief problems. In this role, Mr. Monk was a Planning and Design Squad Engineer in charge of plan preparation for projects including pavement rehabilitation, patching, rubblization, and overlays.

Harlem Road Reconstruction, Machesney Park and Loves Park, Illinois

Harlem Road was a two-mile long, \$6 million reconstruction project between IL 251 to east of Forest Hills Rd. The project included five lanes, paved shoulders, concrete curb and gutter, trunk sewer, and water main construction. The project was part of an agreed jurisdictional transfer and took place over three construction seasons under two different contracts.

Rubblization of IL 38 between Franklin Grove and Ashton, Illinois

The project included writing special provisions for the experimental procedure of rubblization, patching, and resurfacing of this five-mile stretch of rural highway.

EDUCATION

Bachelor of Science in Civil Engineering, University of Wisconsin - Platteville, 1986

CERTIFICATIONS

Professional Engineering: IL 062-047441
Professional Engineering: LA PE.0024617
IAPA Bituminous Paving Class Level 1
IDOT Construction Documentation
IDOT Earth Excavation and Embankment
IDOT Pavement Patching
IDOT Quality Control and Assurance of Concrete
Bituminous Concrete Inspection Level 1
IDOT Radiation Safety and Nuclear Density
IDOT Standard Earth Density