



## Michael P. O'Horo



### POSITION

Technician IV  
Transportation Department  
NBIS Certified Team Leader

### EDUCATION

Bachelor of Arts in Computer  
Science  
*University of Northern Iowa -  
2002*

### EMPLOYMENT HISTORY

Willett, Hofmann & Associates,  
Inc.  
*2001 - 2011*  
Lee County Highway Dept.  
*2011 - 2013*  
Willett, Hofmann & Associates,  
Inc.  
*2013 - Present*  
19 Years Total Experience

### CONTINUING EDUCATION

IDOT - Documentation  
of Contract Quantities, 2018  
IDOT - Erosion & Sediment  
Control Inspection Mod III, 2015  
IDOT - Erosion & Sediment  
Control Mod I, 2015  
IDOT - ADA/PROWAG, 2015  
IDOT Construction Material  
Inspection Documentation, 2014  
Hot Mix Asphalt Level I  
Certified, 2014  
IDOT - Piling, 2011  
IDOT - Erosion & Sediment  
Control Workshop,  
American Concrete Institute  
(ACI) PCC Level 1 Certified,  
2014  
Troxler HazMat Certification

### WORK EXPERIENCE

Mike works as a technician in our Transportation Department. He has a talent for multi-tasking and an in-depth knowledge of project engineering. Mike's engineering experience includes both bridge and road construction and he is a certified Team Leader able to perform bridge inspection services. His work in the field overseeing project construction includes acting as the Owner's representative, holding the contractor to the terms of the plans and specifications, reviewing shop drawings, and preparing periodic pay requests and change orders.

Mike performs most of the Geopak CADD work on roadway design projects. His proficiency on this CADD platform allows WHA to provide quick development of plan & profile and cross section designs for our projects.

### PROJECT EXPERIENCE

#### City of Sterling - Dillon Avenue Reconstruction

Mike was the transportation technician for the design of the reconstruction of Dillon Ave. from a rural section to an urban section utilizing the latest Microstation Open Roads site modeling technology to develop a 3d model of the project, which identifies immediate drainage and design issues. This project included new horizontal and vertical alignments, curb & gutter, storm sewer and sidewalks.

#### City of Sterling - 2<sup>nd</sup> Street

Mike was the transportation technician for the design of the reconstruction of Second Street utilizing the latest Microstation Open Roads site modeling technology to develop a 3d model of the project, which identifies immediate drainage and design issues. This project included the upgrading of the urban section to include a shared-use path. It also included new horizontal and vertical alignments, curb & gutter, storm sewer and sidewalks. In order to achieve the addition of the shared-use path, both the horizontal and vertical alignments and the pavement widths needed to be reworked.

#### Crete Township - Klemme Road over Br. of Plum Creek

Mike performed construction inspection for the construction of a single span precast prestressed concrete I-Beam bridge located on Klemme Road in Crete Township.

#### Winnebago County Highway Department - Perryville Road over UP RR

Mike performed construction inspection for the removal and replacement of a three-span steel girder structure located on Perryville Road in Winnebago County.

#### City of Joliet - Washington Street Bridge over Spring Creek

Mike performed construction inspection for the removal and replacement of a single span reinforced concrete T-beam bridge in the City of Joliet.



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### **Winnebago County Highway Department - Beltline/Baxter Road**

This project included the resurfacing and reconstruction of an approximately two-mile section of road to bring it up to 120,000-pound truck traffic. Mike did a majority of the drafting and also some of the design. Mike was responsible for working out a staging plan of the total reconstruction to permit traffic at all times. This project was built with Federal Funds.

### **City of Sterling - 5<sup>th</sup> Avenue Reconstruction**

Mike developed a set of plans to reconstruct 5<sup>th</sup> Avenue. He also acted as resident engineer on the project and performed construction inspection. The project was in conjunction with the Sterling Public Schools and the City of Sterling. The project included adding decorative lighting near Sterling High School and Whiteside Area Vocational Center. The roadway included concrete pavement, sidewalk, storm sewers, curb and gutter, lighting & related appurtenances.

### **Grand Ridge Wind Farm - LaSalle County, IL**

Mike was responsible for the boundary field survey, locating existing section corners, and a topographic survey covering 40 square miles. He also calculated proposed pedestal elevations for wind turbines to balance earthwork to minimize waste and the ecological impact.

### **Rock Island Arsenal - Rock Island Entrance**

Mike worked with Civil Constructors, Inc. on a Design/Build to replace the Rock Island entrance on Arsenal Island. The project included removing and replacing a railroad structure and constructing a new entrance which included four lanes of pavement, gates, guardhouses, and a truck inspection lane. Mike's responsibilities included inspection of construction activities, construction layout, and working with Arsenal officials and the contractor to ensure that the project was completed on time and within budget.

### **City of Sterling - Freeport Road**

Mike was responsible for inspection of an urban reconstruction project which included widening of the existing roadway, adding a turn lane at Lefevre Road, widening an existing box culvert and installing storm sewer, curb and gutter, and flexible pavement, all while matching numerous commercial and private entrances.

### **City of Savanna, IL - Great River Trail**

Mike was responsible for inspection of a Rural Federal Aid construction project which included a 3.14 mile shared-use path including two bridges, one over the Plum River and one over the I.C. and E. railroad tracks. The Plum River bridge was a 220' clear span bow truss and the railroad bridge was a 15 span (7 at 70'; 1 at 140'; 7 at 70') portal truss.

### **IDOT - PHASE III, IL Route 26, Dixon**

Mike provided resident inspection for an IDOT District 2 Road Reconstruction Project located south of Dixon, Illinois. The work included bridge demolition, widening of the existing road, replacing box culverts, installing storm sewer, curb and gutter, and adding a turn lane at Progress Drive. Working on this project gave Mike invaluable experience working on a larger IDOT project and learning how IDOT conducts construction inspections.