



MEMORANDUM

TO: Urbana City Council
FROM: Mayor Diane Wolfe Marlin
RE: City Staff Appointment
DATE: October 11, 2021

I am pleased to submit for your approval the appointment of John Zeman, P.E., S.E. as City Engineer. Summary of his professional credentials and experience is attached. John Zeman holds a Bachelor of Science in Civil and Environmental Engineering (focus on transportation and structural) and a Master of Science in Civil and Environmental Engineering (focus on structural, railroad, and construction materials), both from the University of Illinois at Urbana-Champaign. He has 11 years of experience in all phases of transportation capital improvement projects and long-term preventive maintenance for public infrastructure.



PROFESSIONAL LICENSURE

Illinois PE: 062.065759
Illinois SE: 081.007515
Also holds licenses in MO, IN, WI, TN,
KY, and OH

YEARS OF EXPERIENCE

11

EDUCATION

Bachelor of Science
Civil & Environmental Engineering
Focus: Transportation & Structural
University of Illinois – Urbana, IL
2008

Master of Science
Civil & Environmental Engineering
Focus: Structural, Railroad, &
Construction Materials
University of Illinois – Urbana, IL
2010

EXPERIENCE

Summer of 2007

Summer Railroader – Bridges & Structures • Canadian National RR

2008 to 2010

Graduate Research Assistant • UIUC Railroad Engineering Program

2010 to present

Senior Project Engineer/Project Manager • Farnsworth Group, Inc.

BIOGRAPHY

John has worked 11 years in the transportation/structural engineering department of Farnsworth Group with continuously increasing responsibilities. He has experience in all phases of transportation capital improvement projects for municipalities, counties, and state agencies including initial scoping of projects, budgeting, scheduling, design, permitting, project/team management, bidding/contract management, and construction administration/observation. The scale of infrastructure improvement projects he typically works on range from \$1-\$2 million with some of the largest projects' construction budgets reaching \$30 million. He has experience working with multiple funding sources including local funds, IDOT State Motor-Fuel Tax Funds, and miscellaneous State and Federal Grant Funds. He has worked with other municipal clients to create long-term preventative maintenance and capital improvement plans for structural public infrastructure assets. Providing public service gives him great personal satisfaction and he has indicated the City's approach for managing and maintaining its public infrastructure is what initially drew him to the position. In John's current role he directly supervises 2 design/project engineers and at times manages project teams comprised of dozens of professionals from varying disciplines.

As a licensed structural engineer in Illinois and a licensed professional engineer in Illinois, he has provided structural analysis and design of bridges, box culverts, retaining walls, building foundations, and other structures as well as performing hydrologic modeling, hydraulic design, floodplain modeling, construction inspection, bridge condition inspection, bridge load rating, and geometric design of highways and railroads. He is an experienced inspector of in-service bridges according to Federal Highway Administration (FHWA) requirements and is a certified bridge program manager in Illinois.