

KURTIS T. MUTH, P.E., LEED AP

OBJECTIVE

Be Considered for the Position of Assistant Public Works Director/Assistant City Engineer

EDUCATION

Yorkville High School

Graduated 1998

Southern Illinois University Edwardsville

Bachelor of Science in Civil Engineering, May 2003

Cumulative GPA of 3.4/4.0 scale

Relevant Undergraduate Courses:

- | | |
|---------------------------------|----------------------------|
| ○ Fluid Mechanics | ○ Hydrology |
| ○ Engineering Economic Analysis | ○ Geotechnical Engineering |
| ○ Transportation Site Selection | ○ Urban Transportation |

Southern Illinois University Edwardsville

Master of Science in Civil Engineering, August 2006

Cumulative GPA of 3.79/4.0 scale

Relevant Graduate Courses:

- | | |
|---------------------------------|-----------------------------------|
| ○ Transportation Safety Systems | ○ Municipal Infrastructure Design |
| ○ Construction Management | ○ Water Treatment Design |
| ○ Wastewater Treatment Design | ○ Traffic Studies |

JOB EXPERIENCE

City of Aurora

Aurora, IL

Engineering Coordinator

July 2018 – Present

Professional Engineer

October 2015 – July 2018

- Manage budget tracking for underground infrastructure accounts
- Assist with yearly program planning for replacement and maintenance of underground infrastructure
- Manage the inspection of sanitary/combined sewer systems ahead of the City's street overlay program and coordinate the recommended repairs
- Mentor and manage engineers and technicians regarding the design and management of public infrastructure projects
- Manage public infrastructure projects from inception to completion
- Obtain permanent and temporary construction easements as needed for projects
- Coordinate with the various city divisions, alderman, residents, homeowners associations, businesses, etc. as needed on a project basis
- Assist with grant applications for utility projects
- Management of consultants for planning, design and construction project phases
- Obtain permits from regulatory agencies as needed for projects

- Provide field layout and direction to contractors during construction
- Provide assistance to various City of Aurora divisions for capital improvement projects
- Familiarity with City infrastructure and history from time spent growing up in Aurora and working on projects in City of Aurora while with previous employers

Engineering Enterprises, Inc.

Project Manager

Sugar Grove, IL

October 2014 – October 2015

Senior Engineer

September 2006 – October 2014

- Served as review engineer for improvement projects in several local municipalities
- Have experience with industry standard stormwater modeling software such as: EPA SWWM, HydroCAD, StormCAD, SewerCAD, PondPack, CulvertMaster, Hydraflow, TR-20 and TR-55.
- Experience with AutoCAD Civil 3D
- Obtained permits from various public agencies (IEPA, IDNR, ACOE, DuPage Co, IDPH, IHPA) and municipalities
- Lead design engineer on water main, sanitary sewer, storm sewer, site development, recreational parks, and roadway improvement projects
- Resident Engineer for roadway resurfacing (Douglas Ave, 2013) and residential roadway reconstruction (Crane Road Estates Subdivision in St. Charles, 2011 and Bensenville, 2012, 2013, & 2014), required constant interaction with residents
- Project management tracking and monitoring

Koch Surveying & Engineering

Engineer In Training

Collinsville, IL

June 2003 – August 2006

- Designed underground and open detention basins for 30+ acre watersheds
- Created many drainage studies, stormwater pollution prevention plans, lift station, and wastewater reports
- Designed projects from start to finish in AutoCAD

Consulting Engineering

Engineering Assistant

Aurora, IL

06/1996 – 12/2002(weekends & summers)

- Extensive use of theodolite and level in the field
- Acquired in depth instruction on land surveying and engineering layout procedures
- Hand drafted numerous surveys, grading plans, and topographical maps

HONORS/ACTIVITIES

- Professional Engineering license (062-059993) obtained July 2007
- LEED Accredited Professional, USGBC #0010372664
- Notary Public, State of Illinois Commission No. 1009609
- Certified Stormwater Review Specialist, Kane County (lapsed 2017)
- IDOT S14 Documentation of Contract Quantities, #12-0209
- IDOT Hot Mix Asphalt (HMA) Field Inspection Training
- PSMJ Project Management Training, March 2014
- Violinist in Fox Valley Orchestra – 2010 to Present
- Deans Scholar at SIUE during undergraduate career
- Member of Chi Epsilon (Civil Engineering Honors Society) at SIUE