DEVIN L. BIRCH, PE, MBA

dbirch@austinengineeringcompany.com

Mr. Birch has nineteen years of professional experience in the Civil Engineering field in the following areas: Project Management, Roadway Design (Local & State), Erosion-Sedimentation-Storm Water Control, Storm Sewer Design, Sanitary Sewer Design, Water Main Design, Site Development (Residential, Commercial and Industrial), Quantity Take-off, Cost Estimating and Construction Observation and Inspection.

EDUCATION:
University of Illinois-Springfield, Master of Business Administration, 2005
University of Illinois-Champaign-Urbana, Bachelors of Science in Civil Engineering, 2002
Lake Land College-Mattoon, IL, Associates in Civil Engineering Technology, 1996

LICENSES, CERTIFICATIONS, CONTINUING EDUCATION:
Professional Engineer-Illinois, License No. 062-059419
Professional Engineer-Indiana, License No. PE11500098
Professional Engineer-Iowa, License No. 23281
Professional Engineer-Wisconsin, License No. 44122-6
Professional Engineer-Florida, License No. 78859
LEED Green Associate, 2012

PROFESSIONAL HISTORY:
Austin Engineering Co., Inc., Peoria, IL
Project Engineer – 2003 to 2006
Project Manager/Professional Engineer – 2006 to 2008
Principal & Project Manager – March 2008 to Present
Feldmann & Associates, Spring Bay, IL
Project Engineer – 2002 to 2003
Allied Enterprises & Consultants, Inc., Flora, IL
Civil Engineer Technician/Project Manager – 1998-2002
Milano & Grunloh Engineers, Inc., Effingham, IL
Civil Engineer Technician/Survey Crew Chief – 1996-1998
I.D.O.T., Region Three, District Four, Peoria, IL
Civil Engineer Technician, 15 Month Co-Op Internship - 1994-1995

SANITARY SEWER & WATER MAIN DESIGN AND PROJECT MANAGEMENT EXPERIENCE:

SCHOOL STREET SANITARY SEWER IMPROVEMENTS – STAG GRANT #XP 96541601-0 - CITY OF WASHINGTON
Project Engineer for the design and construction for the replacement of an existing sanitary lift station located on future Summit Street and sanitary sewer work associated with the replacement. Project consists of the vacation of an existing lift station and the construction of a new 800 GPM lift station located approximately 1,000 Ft. south of the existing lift station and rerouting of gravity sewer and force main to the proposed lift station. Project was staged to allow for continuous operation of the old or new lift station.

E. PASADENA AVENUE WATER MAIN REPLACEMENT – ILLINOIS AMERICAN WATER COMPANY
Project Manager and Project Engineer of the design for replacement of approximately 1,350 feet of new 8" water main to replace aging 2 ¼" water mains located in a dense single family neighborhood in Peoria, Illinois. The project deliverables included field survey, construction plans, IEPA permitting, bidding documents, construction staking, full-time construction observation and as-built plan documentation. All work was coordinated with the local office of the Illinois American Water Company.

DEVONSHIRE TRUNK SEWER UPGRADE, PHASE 2 – CITY OF WASHINGTON
Design Engineer for the design of the second phase of the Devonshire trunk sewer upgrade that consists of the replacement, new construction and/or pipe bursting of approximately 3,200 Ft. of existing sanitary sewer. Project is currently in design with alternate routes and construction methods being analyzed to determine the most economical route.

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SANITARY SEWER & WATER MAIN DESIGN AND PROJECT MANAGEMENT EXPERIENCE, CONTINUED…

FAWN HILLS SUBDIVISION WASTE WATER LAGOON FACILITY UPGRADES– CHILLICOTHE, IL
Project Manager and Project Engineer of the design for a conversion of an existing surface discharging wastewater lagoon/rock filter treatment facility to a zero-discharge infiltration system. Ground Water Monitoring wells were installed and monitored for contaminants prior to receiving approval from IEPA officials for the system conversion. An NPDES operating permit and construction permits were applied for and obtained. Additionally, a sludge application permit was applied for and obtained for land application of sludge. Plant site piping improvements and a flume and flow meter were also a part of the design for this facility upgrade.

N. ALLEN ROAD & W. CARRIAGE LANE WATER MAIN IMPROVEMENTS – ILLINOIS AMERICAN WATER COMPANY
Project Manager and Project Engineer of the design for new 12" water main to tie in the existing system along N. Allen Road and W. Carriage Lane water mains located in the City of Peoria, Illinois. The project was located in a dense and urban single family neighborhood. The project deliverables included field survey, construction plans, IEPA permitting, bidding documents, construction staking, full-time construction observation and as-built plan documentation. All work was coordinated with the local office of the Illinois American Water Company.

N. KANKAKEE STREET WATER MAIN REPLACEMENT – ILLINOIS AMERICAN WATER COMPANY
Project Manager and Project Engineer of the design for replacement of approximately 1,200 feet of new 8" water main to replace aging 2 ¼" water mains located in a dense single family neighborhood in Lincoln, Illinois. The project deliverables included field survey, construction plans, IEPA permitting, bidding documents, construction staking, full-time construction observation and as-built plan documentation. All work was coordinated with the local office of the Illinois American Water Company.

SANITARY SEWER IMPROVEMENTS, 2009 – CITY OF WASHINGTON
Project Engineer for the design and construction of sanitary sewer to replace existing "wildcat" sewers at two separate locations. Design considerations included analysis of the existing system to determine the feasibility of rerouting the sanitary sewers to remove them from private easements and vacated alleys. The sanitary sewer reconstruction was coordinated with the replacement and/or upgrade of existing storm sewer and water main.

WATER TOWER IMPROVEMENTS – LIMESTONE WALTERS PUBLIC WATER DISTRICT
Project Engineer for the design and construction of a 215,000-gallon potable water ground-level storage tank and 300 gpm water booster pump station to supplement the existing 100,000-gallon elevated storage tank to correct deficiencies identified by the Environmental Protection Agency. Responsibilities included analysis of the existing system and projections of future water usage.

METAMORA FIELDS GOLF COMMUNITY-METAMORA, IL
Project Engineer and Project Manager for the design and construction of a 102 lot single-family residential subdivision located in the Village of Metamora, IL. Project consists of the construction of 7,510 ft of 8" PVC and 1,609 ft of 10" PVC gravity sanitary sewer main. Project also consisted of the installation of 1,441 ft of 10" ductile iron sanitary sewer at depths in excess of 22 ft. Additionally, 9,533 ft of 8" PVC Water Main and appurtenances as well as 150 ft of directionally bored water main were constructed.

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SANITARY SEWER & WATER MAIN DESIGN AND PROJECT MANAGEMENT EXPERIENCE, CONTINUED…

FIELDSTONE SUBDIVISION, SECTION ONE-MORTON, IL
Project Engineer and Project Manager for the design and construction of a 95 lot single-family residential subdivision located in the Village of Morton, IL. Project consists of the construction of 5,470 ft of 10" PVC and 445 ft of 10" PVC sanitary gravity sewer main. Additionally, 3,135 ft of 6" and 3,265 ft of 8" Ductile Iron Water Main and appurtenances were constructed.

PINEWOOD MOBILE HOME PARK WASTE WATER TREATMENT FACILITY COMPLIANCE UPGRADES – CHILLICOTHE, IL
Project Manager and Project Engineer for assisting this privately owned and permitted package plant treatment facility with continued compliance after receipt of an advisory letter from local IEPA officials. An as-built plan for the newly installed and constructed aeration system in the tertiary lagoon was prepared and submitted for approval. Additionally, a formal process control program was developed and written for approval by IEPA. Plant site piping improvements and a flume and flow meter were also a part of the design for this facility upgrade.

WATERSTONE SEC. 1, WATERSTONE VILLAS SEC. 1, AND WYNDRIDGE SEC. 1 SUBDIVISIONS – PEORIA, IL
Project Manager and Engineer for the design and construction of 111 lot (combined) single-family residential subdivisions located in the City of Peoria, IL. Project consists of the construction of 6,813 ft of 8" PVC and 1,478 ft of 12" PVC gravity sanitary sewer main. Project also consisted of the installation of 2,556 ft of 8" and 220 ft of 12" ductile iron sanitary sewer at depths in excess of 20 ft. Additionally, 9,761 ft of 8" and 2,488 ft of 12" Ductile Iron Water Main and appurtenances as well as 50 ft of bored-steel casing for water main were constructed.

OAK CREEK SUBDIVISION, SECTION FIVE-WASHINGTON, IL
Project Engineer and Project Manager for the design and construction of a 37 lot single-family residential subdivision extension located in the City of Washington, IL. Project consists of the construction of a new 80 gpm lift station and emergency generator with 970 ft of 4" force main and 2,160 ft of new 8" gravity sanitary sewer main. The project also consisted of 2,356 ft of 6" PVC Water Main and appurtenances.

CRUGER ROAD SANITARY SEWER EXTENSION – CITY OF WASHINGTON
Project Engineer for the design and construction of new sanitary sewer from the upstream end of the Devonshire trunk sewer 9,930 Ft. along Dallas Road and Cruger Road to Cummings Lane. Project consisted of analysis of various routes, flow analysis for future improvements, removal of an existing lift station for flows to operate by gravity, coordination with future improvements to Cruger to align vertically and horizontally and preparation of permanent and temporary easements.

TOWER ONE TO TOWER TWO WATER MAIN EXTENSION – PLEASANT VALLEY PUBLIC WATER DISTRICT
Project Engineer for the design and construction of 10,300 Ft. of water main to connect Pleasant Valley's two elevated storage tanks. The project was completed under a design/build format with the Pleasant Valley Public Water District. Responsibilities included the preparation of various routes with pros and cons identified and preliminary estimates for each route, preparation of permanent and temporary easements, Peoria County and IDOT Utility Permits and coordination with property owners.