

DEVIN L. BIRCH, PE, MBA

dbirch@austinengineering.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

CIVIL SITE DEVELOPMENT DESIGN AND PROJECT MANAGEMENT EXPERIENCE:

WATER STREET SOLUTIONS NEW OFFICE--601 WATER STREET, PEORIA, IL

Project Manager and Project Engineer for the design and construction of a new commercial office project located in Downtown Peoria. Project was within the Heart of Illinois Development Code district. The project involved the demolition of existing parking and underground infrastructure within a small footprint in a dense riverfront area. New parking, storm sewer, potable water, and sanitary sewer service plans were required and provided to the Architect for inclusion in their remodeling plans for the building. Approvals and permitting were coordinated with the Illinois American Water Company, the Greater Peoria Sanitary District, and the City of Peoria Planning & Zoning staff.

FROSTWOOD APARTMENTS—PEORIA, IL

Project Manager and Project Engineer of the completion of this civil siteplan which included 4-8 unit apartment buildings, situated on 2 acres of undeveloped ground. The project included the design, layout, and grading for exterior parking, garage parking structures, and storm water control. Offsite sanitary sewer main and water main was also required to be extended in order to serve this property. Additionally, permitting and approvals were coordinated with the City of Peoria Planning Commission, Peoria Site Plan Review Board, the Illinois American Water Company, the Greater Peoria Sanitary District, the Illinois EPA, and the Peoria County Highway Department.

JOOS AAA MINI STORAGE FACILITY EXPANSION—WASHINGTON, IL

Project Engineer for the expansion of an existing 4-building, 32,000 sf mini-storage facility to add 116,844 square feet of indoor storage in 5 new buildings. Project consisted of site grading for this 7 acre site and design of a storm water control basin to meet City of Washington regulations. A storm water pollution prevention plan was also developed along with bidding documents for distribution to local contractors.



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CIVIL SITE DEVELOPMENT DESIGN AND PROJECT MANAGEMENT EXPERIENCE, CONTINUED...**WAR DRIVE RETAIL SHOPPING CENTER—PEORIA HEIGHTS, IL**

Design Engineer and Project Manager for the preliminary layout and infrastructure design of this re-development site encompassing 2.7 acres. The existing site consisted of a mix of blighted residential and commercial uses. This project consisted of providing a boundary and topographic survey of the area along with detailed research of the existing underground infrastructure. Multiple layouts for a mixed use shopping center were coordinated with the developer which ultimately generated a Village of Peoria Heights planning commission approved siteplan consisting of two new retail buildings totaling 28,800 sf, a new stand-alone restaurant with drive thru at 3,000 sf, and a shared parking lot totaling 125 spaces. Preliminary planning for new sanitary sewer, storm sewer, storm water detention basin, and water main was also performed.

PRAIRIE LAKES APARTMENTS, PHASE 2 & 3—PEORIA, IL

Project Engineer for development of Phase 2 & 3 design plans for this master planned apartment project consisting of 756 apartments in 16 buildings. Responsibilities included the preparation of phase 2 and 3 construction documents along with quality control review of grading, sanitary sewer, and water main design. Additionally, cut-fill earth calculations were performed for four lakes and 12 building pads. Approvals and permits were applied for and obtained from the City of Peoria Siteplan Review Board, the Greater Peoria Sanitary District, the Illinois American Water Company, and the Illinois EPA sewer, water and storm water bureaus. Project cost estimates, bidding documents, and construction coordination were also performed.

CASH PIONEER PARK WAREHOUSE STORAGE FACILITY—PEORIA, IL

Project Engineer for the design and construction of a commercial warehouse facility consisting of 2 buildings totaling 20,280 sf. The design included the importation of earth fills to adequately prepare the site for storm water drainage and storm water detention. Parking for 47 vehicles, a recessed delivery dock, and a sanitary sewer bore under University Street were required as a part of this project. Approvals and permits with the Greater Peoria Sanitary District, the IEPA Storm Water Bureau, and the City of Peoria Planning & Zoning department were obtained.

METAMORA FIELDS GOLF COMMUNITY CLUBHOUSE AND BANQUET FACILITY—METAMORA, IL

Project Engineer and Project Manager for the design and construction of a 195 space parking lot for a 7,600 sf multi-use facility located on an 18-hole championship golf course in Metamora, IL. The plans included storm sewer, grading, earthwork calculations, sanitary sewer, and water main along with storm water control calculations provided to the Village of Metamora for approval. Construction estimates and bidding documents were provided to the developer for distribution to local contractors.

GALENA GRAVEL SCALE HOUSE AND MAINTENANCE FACILITY—CHILLICOTHE, IL

Project Engineer and Project Manager for the design and construction of this development project which consisted of the construction of a new 2,200 sf office and a 6,000 sf repair shop located on un-improved ground within the boundaries of the Galena Gravel Mineral Extraction Facility in Chillicothe, IL. This project consisted of the preparation of construction drawings which included the extension of a 265 ft of water main from offsite via County Highway Right-of-Way. Private property easement and permit from the Peoria County Highway Department for the water main and the new office entrance were obtained. The project design included the grading of a parking lot accommodating 14 parking spaces for employees and customers and met all requirements for access by persons with disabilities.



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CIVIL SITE DEVELOPMENT DESIGN AND PROJECT MANAGEMENT EXPERIENCE, CONTINUED...

WILLOW STATION RETAIL SHOPPING CENTER, PHASE 5—PEORIA, IL

Project Manager for the preparation and submittal of design plans for the expansion of a master planned Retail Shopping Center totaling more than 59,000 sf of leasable space in 5 buildings. Phase 5 consisted of the preliminary planning and submittal of storm water control calculations for the remaining 33,000 sf of buildings and 240 parking spaces. This design concept included an underground detention system utilizing pre-cast concrete box culverts. Additionally, the remaining sanitary sewer required for this facility was also planned and designed. Phase 5 construction documents included plans for 7,200 sf of additional lease space and supporting parking and underground infrastructure. All accessibility guidelines were adhered to and approved by the City of Peoria Site Plan Review Board.

VALUE PLACE HOTELS AND MIDDLEWEIGHTS RETAIL CENTER—PEORIA, IL

Project Engineer and project manager for the preliminary layout and design of a civil siteplan for a 124 room Hotel with an 11,234 sf footprint. This project was considered a shopping center for zoning purposes because it also included a 17,920 sf retail building. Storm Water Control calculations were performed for this 4.4 acre site that included a 215 stall parking facility. These calculations were performed to achieve compliance with both the City of Peoria and Illinois Department of Transportation regulations. Project involved coordination of the overall siteplan, landscape plan, and traffic study for submittal and presentation to the City of Peoria Planning Commission for approval.

CHILDREN'S ADVOCACY CENTER—PEKIN, IL

Project Manager for the development of a civil siteplan for a new office addition to an existing residence that had been converted into office space. The civil siteplan consisted of the expansion of an adjacent parking lot to accommodate the required parking. Additionally, a bio-swale/rain garden was utilized to clean and control storm water runoff.

METHODIST MEDICAL CENTER-PEARTREE LANE FACILITY UPGRADES, PEORIA, IL

Project Engineer and Project Manager for the expansion of an existing parking facility for an existing medical office building. The project included the coordination of survey locating all existing information and underground infrastructure. The design required the removal of existing detention basins, calculations for a new detention basin to meet the needs of the additional pavement added, and design and construction of a new basin meeting the City of Peoria storm water control requirements. The siteplan included detailed removal plans and spot elevations for new pavement with vertical curb and new storm sewers.

ALLSTAR MINI STORAGE FACILITY—BELLEVUE, IL

Project Engineer for the preparation of civil siteplan for a mini-storage facility situated on an un-developed site encompassing 7.2 acres. Construction plans for 54,000 sf of storage space in 6 separate buildings were prepared along with 4,500 sf of office/workshop space. Storm water control calculations were performed and a detention storage facility designed meeting the requirements of the Peoria County Erosion, Sedimentation, and Storm water Control regulations. A detailed grading plan with spot elevations and site storm sewer details were included in the construction drawings for this facility.

RLK WILLOW KNOLLS COMMERCIAL OFFICE PARK—PEORIA, IL

Project engineer for the design and construction of a siteplan for the development of a 1-acre commercially zoned un-developed property. The project consisted of the construction of two commercial buildings totaling 9,000 sf in leasable area. The siteplan included the construction of a parking facility with a capacity for 58 parking spaces and accessibility for the disabled. Storm water calculations were approved by Peoria City & County.

