

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

PUBLIC ROADWAY DESIGN AND PROJECT MANAGEMENT EXPERIENCE:

DALLAS ROAD RECONSTRUCTION--CITY OF WASHINGTON, IL

Phase One study for the reconstruction of Dallas Road encompassing a total distance of 3,682 Ft. Scope of project includes the design of Dallas Road from a two-lane rural section to two-lane urban section. Project includes the realignment of horizontal and vertical curves to improve site lines from adjoining subdivision intersections, curb & gutter, storm sewers, sidewalks, driveways, striping, fourteen ROW acquisitions and seventeen temporary easements. Preliminary PDR has been submitted.

Phase Two Design Engineer for preparation of PS&E's for Phase One of the Dallas Road Reconstruction Project encompassing the southerly 2,298 Ft. of the total 3,682 Ft as shown in the Phase One Report. Project includes the realignment of horizontal and vertical curves to improve site lines from adjoining subdivision intersections, curb & gutter, storm sewers, sidewalks, driveways, four ROW acquisitions and seven temporary easements.

OAK STREET IMPROVEMENTS--CITY OF PEORIA, IL

Project Manager and Project Engineer for the development of street rehabilitation plans for a two lane urban street section located within the Warehouse TIF District in the City of Peoria. The single block section of street rehabilitation is the first public street improvement project in the Warehouse TIF District and is being used to set the tone for the future street rehabilitation projects within this District. The existing two-direction wide lane cross section was abandoned in favor of narrow driving lanes with diagonal parking on the North side and parallel parking on the South. Landscaping beds were incorporated at the intersections to direct traffic into the appropriate driving lanes. The existing brick street was salvaged and repaired wherever possible and new concrete pavement was utilized for the parking stalls. Additional landscape planting beds were added at the midpoint of the block to enhance the aesthetics of the streetscape. The plans required utility relocation and lowering overhead utilities to underground in order to create a cleaner look and feel. This design approach to create a more pedestrian friendly environment also included the removal and replacement of sidewalks and the addition of disability accessible ramps and cross walks at each intersection.



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PUBLIC ROADWAY DESIGN AND PROJECT MANAGEMENT EXPERIENCE, CONT...**CRUGER ROAD PHASE III—CITY OF WASHINGTON, IL**

Provide Phase Two and Phase Three services for the reconstruction of 4,802 Ft of Cruger Road from a two-lane rural section to a three-lane urban section. Project included concrete pavement design, drainage analysis, curb and gutter, storm sewers, driveways, sidewalk and pavement marking. Right of Way surveys as well as permanent and temporary easements were developed and provided as necessary. Phase Three services included providing full time inspection of all work, construction staking and layout, and coordination of all materials testing and documentation.

WALNUT STREET IMPROVEMENTS—CITY OF PEORIA, IL

Project Manager and Project Engineer for the development of street rehabilitation plans for the complete removal and replacement of a two lane urban street section located within the Warehouse TIF District in the City of Peoria. The existing two-direction wide lane cross section was abandoned in favor of narrow driving lanes with diagonal parking on the North side and parallel parking on the South. A streetscape plan was coordinated through Third Coast Design Studio and included multiple landscaping beds, tree grates within the sidewalk area, and widening of existing walks for a more pedestrian friendly environment. The design plans included disability accessible ramps and cross walks at each intersection as well as additional storm sewer improvements. The plans required working closely with neighboring properties as well as numerous public utility companies.

KERN ROAD EXTENSION—CITY OF WASHINGTON, IL

Design Engineer and Project Manager for design and construction of 800 ft of new urban roadway cross section for the City of Washington. The two lane urban section with curb & gutter included the extension of a multi-use paralleling the South side of the roadway. Additionally, drainage calculations utilizing the IDOT Culvert Design Method were performed and resulted in the design and construction of a 12'x8' box culvert.

METAMORA FIELDS GOLF COMMUNITY—VILLAGE OF METAMORA, IL

Project Engineer and Project Manager for the design and construction of a 102 Lot single family residential development surrounded by an 18-hole championship golf course in Metamora, IL. The plans included the preparation of design of more than 6,500 FT of urban cross section roadway design. Storm sewer, grading, earthwork calculations, sanitary sewer, and water main along with storm water control calculations were provided to the Village of Metamora for approval. Detailed drainage and storm water control calculations were provided for the entire 240 acre development which included not only the residential infrastructure improvements, but also the golf course and clubhouse improvements. Annexation documents, preliminary plat, and Final Subdivision Plats were prepared and recorded as required. Construction estimates and bidding documents were provided to the developer for distribution to local contractors. Construction observation and construction layout were also provided by Austin Engineering survey crews not only for the residential infrastructure improvements but also for the construction of the golf course on an as needed basis.

STONEHENGE SUBDIVISION—CITY OF PEORIA, IL

Project Engineer and Project Manager for the design and construction of a 111 Unit Single Family and Duplex Lot development located in Growth Cell 1 A within the City of Peoria. The plans required coordination of four intersection designs with Wilhelm Road as well as a detailed storm water control calculations for this 42 acre development. The plans included the design of more than 5,000 FT of urban cross section roadway design. Storm sewer, grading, earthwork calculations, sanitary sewer, and water main were provided to the City of Peoria for approval.

