Mrs. Hermann has 11 years of professional experience in engineering design, analysis and evaluation in the following areas: Roadway Design, Roadway Preventative Maintenance, Storm Water Detention, Storm Sewer Design, Site Design and Development, Cost Estimating, and Construction Inspection.

Education:
Bradley University, B.S. Civil Engineering, 2000

Licenses, Registrations, Certifications, Continuing Education:
Professional Engineer – Illinois, License No. 062-058326
Motor Fuel Tax Fund Uses and Guidelines (January 2007)
Motor Fuel Tax Accounting and Auditing (April 2006)
Construction Material Inspection Documentation Certification (March 2005)
Documentation of Contract Quantities Certification (April 2004)
National Highway Institute – Hydrain – Integrated Drainage Design Computer Systems (Oct. 2001)
Watershed Modeling and Detention Basin Design (Feb. 2001)

Professional History:
City of Peoria, Peoria, IL Summers 1996 & 1997 –Engineering Technician
Clark Engineers, Peoria, IL Summer 1998 – Field Technician
Austin Engineers, Peoria, IL Summer 1999 – Construction Inspection Technician
Randolph & Associates, Inc., Peoria, IL, 2000 to April 2006 – Project Engineer
Hermann & Associates, LLC, Peoria, IL, April 2006 to Present – Principal Member/Project Manager

Municipal & Roadway Design Experience:

PTB 152/35 – IDOT Office of Quality Compliance & Review – Statewide Independent Weight Checks (2009-2010)
Project Manager & Consultant Liaison for the administration of the Department's Independent Weight Check program. Mrs. Hermann is responsible for budgeting, coordinating, scheduling, and assigning staff and subconsultants to perform random independent weight checks in all 9 IDOT Districts. Mrs. Hermann is also responsible for coordinating with IDOT & Municipal Resident Engineers as to construction schedules and oversees the compilation of the overall weekly weight check summaries.

Illinois 29 Streetscape – Village of Creve Coeur/Illinois Department of Transportation (2009-2010)
Project Manager/Engineer for the Illinois 29 Streetscape from Rusche Street to Poplar Avenue in the Village of Creve Coeur. The project consists of the removal/replacement of curb & gutter, removal of existing sidewalk, construction of new 9 foot wide curb line sidewalk, retaining walls, ornamental & street lighting, & incorporation of landscaping where feasible. The Village of Creve Coeur and IDOT will have an agreement for the State to assist in the funding of the Curb and Gutter & 50% of the sidewalk. Responsibilities include: coordination with IDOT regarding design standards, right of way acquisition requirements, and environmental survey, coordination with property owners, preparation of design plans, quantity calculations, preparation of cost estimates, & QC/QA review. The preliminary engineer's opinion of construction cost is $1,100,000.00.

PTB 146/22 - IDOT District 4 – IL Route 8 (2009-2010)
Project Manager/Engineer for Phase II Storm Sewer design on IL Route 8 from Summit Street to Legion Road in Washington, Illinois. Project management included day to day coordination with prime consultant regarding budget, schedule, and design. Assisted project engineer in inlet spacing calculations, storm sewer sizing, and plan preparation. Performed overall QC/QA review of the plans and specials. Geopak Drainage was utilized for the storm sewer design.

PTB 144/24 - IDOT District 4 – IL Route 89 Structure Replacement – Ph I, Marshall County (2008)
Project Manager/Engineer responsible for preparing preliminary drainage design, traffic management analysis, guardrail studies, preliminary vertical alignment, and cross sections.

County Highway No. 1 – Woodford County, IL
Project Manager for the reconstruction of County Highway No. 1 from IL 116 to IL 89 in Washburn, IL (approximately 10 miles). Responsibilities included: preparation of manhour estimates, budgeting, scheduling, and the design of horizontal

and vertical alignment, ditch profiles, sizing of cross road and side road culverts, intersection grading details, construction plans, and cross sections.

US 24/IL 29 FAP Route 64 (Adams/Jefferson Street Realignment), IDOT District 4
Prepared design plans and specifications for 0.88 miles of urban rehabilitation and relocation through Peoria from Caroline Street to Woodlawn Street. The project consisted of designing a concrete connector between Adams and Jefferson Street making Jefferson Street two-way. The design involved storm sewer, curb & gutter, sidewalk, new concrete pavement, traffic signals, and lighting. Duties also included the design of a 10'x6' single box culvert and the calculation of plan quantities.

Allen Road from Pioneer Parkway to south of Townline Road, IDOT District 4
Prepared design plans and specifications for 0.60 miles of urban roadway through Peoria from Pioneer Parkway to south of Townline Road. The project consisted of widening Allen Road and the addition of a multi-use path. The project involved widening, storm sewer , curb & gutter, multi-use path, and a bituminous overlay. Responsibilities included preparing plan and profiles, cross sections, typical sections, intersection details, storm sewer plan and profiles, and pavement marking plans using Microstation and Geopak software. Duties also included the calculation of plan quantities.

3R Widening and Resurfacing of IL 78 North of Jacksonville, IL IDOT District 6
The project involved: preparing a drainage report, design plans, and specifications for the widening, resurfacing and bridge replacements along 5.4 miles of Illinois Route 78 North of Jacksonville. Responsibilities included: performing the hydraulic calculations to determine the quantity of flow and velocity for the roadside ditch system and at the cross road culverts. Duties also included designing erosion control and lining. Hydrain and HY8 were used for hydraulic analysis.

IL 116 through Pontiac, IDOT District 3
Prepared plans and specifications for 1.8 miles of urban roadway section through Pontiac from IL Route 23 to Pearl Street. The project consisted of storm sewer, curb & gutter, sidewalks, mill & overlay, intersection improvement with widening and traffic signals. Responsibilities included: preparing plan and profiles, cross sections, typical sections, intersection details, storm sewer plan and profiles, plan quantities, and pavement marking plans using Microstation and Geopak software.

Drainage Study for IL Route 116 west of and through Roseville, IL., IDOT District 4
The project involved preparing a drainage study report, preliminary plan and profiles, and cross sections for 1.8 miles of highway. Responsibilities included: performing the hydraulic calculations to evaluate the existing roadside ditch system, storm sewer system, entrance culverts, and cross road culverts. Responsibilities also included writing and compilation of the drainage report, providing recommendations for erosion control/protective lining for roadside ditches and culvert outlets, and designing a new storm sewer system. Hydrain and HY8 were used for hydraulic analysis.

Bridge over Green River (IL 40), S.N. 098-0110, IDOT District 2
Prepared design plans and specifications for the roadway improvement portion of the project that also included the removal of the existing structure and replacement with a 176 foot long, 35 foot wide three span RC deck/wide flange beam structure carrying Illinois Route 40 over Green River 1 mile south of Deer Grove in Whiteside County. Responsibilities included establishing a new profile, preparing plan and profiles, cross sections, typical sections, traffic control and staging plans, and quantities for 1200 feet of approach roadway improvements.

IL Route 9 Guardrail Elimination Feasibility Study, IDOT District 4
Project involved studying 28 separate existing guardrail locations along IL Route 9 to determine if the guardrail could be eliminated. Two alternatives were studied for each location: (1.) Removal of guardrail, flattening of slopes, extension of culverts beyond clear zone. (2.) Replacement of Guardrail with improved terminal sections, shoulders, and guardrail erosion control curb. Duties included preparing plan and profiles & cross sections for each alternate for 14 of the 28 locations. Duties also included calculating quantities and cost estimates for each alternate.

Ashland Avenue Reconstruction – West Peoria, Illinois
Project Engineer/Resident Engineer for the reconstruction of Ashland Avenue from Heading to Rhomann Avenue. The existing oil & chip roadway was replaced with 30' wide concrete pavement, curb & gutter, and PCC sidewalk. Mrs. Hermann prepared the plans, specifications, & estimates and served as Resident Engineer during construction.