
Mr. Hermann has 14 years of professional experience in engineering design, analysis, and evaluation in the following areas: roadway design, geometrics, drainage & hydraulics, site design and development, intersection design studies, highway capacity analysis, traffic studies, and cost estimating.

Education:

Bradley University, B.S. Civil Engineering, 1997

Licenses:

Professional Engineer – Illinois License No. 062-055733

Professional History:

Illinois Department of Transportation, District 3, Ottawa, IL, Summers 1994-1997 – Engineering Technician
Clark Engineers, Inc., Peoria, IL, 1998 – 2000 - Engineer
Crawford, Murphy, & Tilly, Inc., Peoria, IL, June 2000 to February 2007 – Senior Engineer
Hermann & Associates, LLC, Peoria, IL, February 2007 to present – Senior Project Engineer

Municipal & Roadway Design Experience:**Village of Peoria Heights, IL – North Prospect Road (2010)**

Project Manager & Resident Engineer responsible for preparation of PS&E's and construction engineering for the resurfacing of approximately 3300' of 4-6 lane urban roadway through the business district. The project was funded with federal stimulus and state funds. Construction was performed at night in order to mitigate the affects on traffic and adjacent businesses. Approximate construction cost: \$700,000

PTB 142/13 IDOT District 4 – Allen Road, Old IL 174, Peoria, IL (2007-2010)

Project Manager/Engineer responsible for the design of horizontal and vertical alignment, intersection geometrics, traffic management analysis, and preparation of plan & profiles, and cross sections for the widening and reconstruction of Allen Road from Townline Road to Alta Road (approximately 2 miles) in Peoria, IL.

City of West Peoria, IL – Market Street Improvements (2008)

Project Manager responsible for the reconstruction of approximately 1200' of roadway. The project was processed through IDOT District 4 Local Roads, and was initiated to alleviate severe drainage and erosion problems. The existing two lane rural roadway was completely removed and replaced with 24' wide bituminous pavement, curb & gutter, sidewalk, and storm sewer. Also coordinated the relocation of water main and gas main, and managed all aspects of construction.

Village of Peoria Heights – School Traffic Study (2009)

Project Manager responsible for studying the existing signalized access to Peoria Heights schools to make recommendations to improve traffic flow and reduce congestion. The study included: traffic counts, accident analysis, capacity analysis, traffic projection, evaluation of signal warrants, signal optimization, pedestrian accommodations, feasibility of a second access to the facility, and a summary report.

City of West Peoria, IL – Sterling Avenue Reconstruction (In progress)

Project Engineer responsible for the preparation of a Phase I Project Development Report for the reconstruction of approximately 2500 feet of 4 lane urban roadway from IL Route 8 to Nebraska Avenue.

City of Washington, IL – South Cummings Lane Improvements (2002)

Prepared construction plans for the complete reconstruction of 2500 feet of South Cummings Lane in Washington, IL. The project upgraded a two lane rural section to an urban section with curb & gutter, storm sewer, and multi-use path. The project was stage constructed to allow access to adjacent properties.

City of Peoria, IL – Water Street – Hamilton Boulevard to Eaton Street (2000)

Prepared construction plans and documents for the reconstruction of 1100' of Water Street in Peoria, IL. The project included complete reconstruction with new pavement, curb & gutter, sidewalk, storm sewer, streetscape, and on street parking. The project required coordination with IDOT to align with improvements to Interstate 74.

City of Peoria, IL – Pioneer Parkway Extension (Phase I) (2001-2005)

Project engineer involved with the completion of numerous design studies for the proposed extension of Pioneer Parkway including: alignment & geometrics, interchange, drainage, traffic, and intersections. Project duties also included writing and compiling several sections of the Combined Design Report.

City of Litchfield, IL – State Street/Sallee Street Reconstruction (2002)

Prepared construction plans for the complete reconstruction of State & Sallee Streets in Litchfield, IL using STU funds. The project was processed through IDOT District 6 Bureau of Local Roads. The improvements consisted of the complete reconstruction of State Street with new PCC Pavement, curb & gutter, storm sewer, sidewalks, driveways, and parking lane. The improvements to Sallee Street included widening an 18' P.C.C. slab to a 24' roadway with bituminous widening and re-surfacing. The project also involved new shoulders and ditch & drainage enhancements, as well as staged construction and a detour route.

City of Pekin, IL – Forest Drive Intersection Study (2004)

Conducted preliminary design studies for the extension of Forest Drive from Illinois Route 9 to Cottage Grove in Pekin, IL. The project included: collection of traffic data, accident investigation, traffic study, traffic signal warrant investigation, Intersection Design Study, preliminary geometrics, preliminary plan & profiles, preliminary right of way requirements, identification of land use impacts, and preparation of summary report.

Wal-mart Stores, Inc., Washington, IL – Centennial Drive/Freedom Parkway (2003)

Prepared construction plans for the re-alignment of Centennial Drive, which consisted of the construction of approximately 2500' of new roadway near the Wal-Mart in Washington, Illinois. The project required a break in access control along U.S. Route 24, as well as the preparation of an Intersection Design Study and the construction of traffic signals at the intersection of Centennial Drive and U.S. Route 24. The project also had extensive drainage requirements due to the relocation of Centennial Drive and commercial development of nearly 30 acres. The project was also stage constructed to maintain access to all property owners at all times during construction.

Wal-mart Stores, Inc., Morton, IL – Cortland Street/North Morton Avenue (2004)

Designed and prepared roadway plans for the P.C.C. widening of Cortland Street, and the bituminous widening of North Morton Avenue in conjunction with the development of a Wal-mart Supercenter. The project also involved the new construction of Highland Avenue and Walton Street (three lane urban roadways with curb & gutter, storm sewer, and sidewalk). Traffic signals were installed in conjunction with these two new streets.

Wal-mart Stores, Inc., Lincoln, IL – IL Route 10/Malerich Drive (2005)

Prepared two Intersection Design Studies and obtained IDOT access permits at the intersections of Malerich Drive & IL Route 10, and Stuart Drive & IL Route 10 in Lincoln, IL. Duties also included the design and preparation of construction plans for 2000' of five lane urban roadway, 1000' of three lane urban roadway, and the addition of turn lanes and traffic signals to IL Route 10. The project required extensive coordination with the Illinois Department of Transportation and adjacent property owners.

Wal-mart Stores, Inc., Flora, IL – U.S. Route 50/Worthey Street (2005)

Prepared an Intersection Design Study and directed multi-office staff in the production of roadway plans for a new public roadway in conjunction with the development of a Wal-Mart Supercenter in Flora, Illinois. The project included the construction of approximately 2100' of new roadway, the widening and channelization of U.S. Route 50, as well as the installation of traffic signals.

Tri-County Regional Planning Commission – Willow Knolls & Radnor Road Intersection Study (2002)

This project was initiated to study the intersection of Willow Knolls Road and Radnor Road in northwest Peoria to determine if any functional or operational changes were necessary to accommodate the significant growth that has occurred in the region. The project included: accident investigation, collection of traffic data, traffic signal warrant investigation, traffic study, highway capacity analysis, and summary report of recommendations.