

Stephen R. Amann, PE, CFM

Development Assistance Department Manager



EDUCATION

B.S., Civil Engineering,
University of Illinois at Urbana-
Champaign, 1985

Joined Firm in 1997

Years of Experience: 39

REGISTRATIONS

Licensed Professional
Engineer: Illinois

Certified Floodplain Manager:
Illinois

ASSOCIATIONS

American Society of Civil
Engineers

Illinois Association for
Floodplain and Stormwater
Management

Lower DuPage River
Watershed Coalition

PAPERS/PRESENTATIONS

**Storm Water Management for
Solar Farms, IAFSM Annual
Conference, 2019**

Research, analysis, and
suggested regulations to
mitigate storm water impacts
of solar farms



Steve leads our company in the review and permitting of development projects in urban, suburban, and rural environments, with a focus on stormwater management facilities. He has earned the designation of Certified Floodplain Manager and promotes effective and innovative designs of floodplain and stormwater management systems for municipalities and developers. His experience includes the development and maintenance of multiple MS4 NPDES II permit programs, and the design and review of all aspects of stormwater management. He is active in the development and subsequent updates of development, stormwater management, and floodplain ordinances. Steve promotes the implementation of stormwater Best Management Practices in development ordinances and through the review of private site improvements on behalf of governmental entities. As part of the development review process, Steve coordinates with multiple government departments, outside agencies, contractors, and adjacent property owners.

REPRESENTATIVE PROJECTS

Cook County Department of Transportation & Highways, IL

Building and Zoning Permit Review Services

Project Manager for the engineering review of all developments in unincorporated Cook County, including coordination with multiple departments and agencies.

Oak Forest, IL

Responsible for review of all private development projects in City since 1998, ranging from single-family infill projects to multi-lot commercial redevelopments. Includes coordination of construction services, final grade checks, and floodplain permit reviews.

Olympia Fields, IL

Review of development plans for residential, institutional, and commercial sites, including coordination with adjacent municipality.

Park Forest, IL

Review of development plans, including mixed-use redevelopment of existing golf course, and proposed drainage modifications by adjacent community.

Plainfield, IL

Responsible for the review of all development work in the Village beginning in 2002, from concept plan review through Plan Commission presentations to final construction document approval. Includes coordination with the Planning, Public Works, and Police Departments, and other local agencies such as the Park District and the Fire Protection District. Involves coordination of field changes during construction and coordination with outside permitting agencies including IDOT, IEPA, and US Army Corps of Engineers. Assist with computerized map updating, investigate existing drainage problems, prepare menu of Best Management Practices to be incorporated into site design requirements, prepare rating memorandum for effectiveness of stormwater Best Management Practices to allow increased residential density, update drainage and detention ordinance to comply with new County requirements,

**Ten Years After TB 10-01,
IAFSM Annual Conference,
2013**

Research, surveying, and presentation on building officials' implementation of FEMA's TB 10-01 requirements

**The Highlands Ravine
Stabilization, IAFSM Annual
Conference, 2012**

Field investigations, alternative analysis, design, and construction of hybrid slope stabilization measures

**Groundwater Flooding in
Residential Subdivision,
IAFSM Annual Conference,
2010**

Research, analysis, and alternative solutions to address elevated groundwater to reduce sump pump run times

RELATED TRAINING

**Managing Floodplain
Development Through the
National Flood Insurance
Program, FEMA, November
2010**

National regulations, insurance, and legal requirements for compliance with NFIP

**Low Impact Development for
Water Resources
Management, ASCE, June
2006**

Reduction of impervious surface area, use of infiltration, and other best management practices to reduce storm water runoff from sites ranging from small commercial lots to large residential subdivisions

and update Village subdivision codes and standards to reflect current construction practices.

Beecher, Illinois

Coordinate and review drainage improvements to existing subdivision to mitigate downstream impacts. Review single-family homes for grading plan compliance.

Country Club Hills, IL

Responsible for review of site development plans beginning in 2008.

Elwood, IL

As Interim Village Engineer since March, 2018, review all site development plans, annexation and development agreements, and right-of-way permit applications.

Glenview, IL

Coordinate review of multi-family, institutional, and commercial projects, from initial due diligence meetings with developers through Plan Commission and Village Board reviews, to detailed plans, calculations, specifications, and final permits. Coordinate work by multiple reviewers, with multiple Village Departments, and with outside agencies.

Grundy County, IL

Responsible for engineering plan review of all developments since 2007, including residential, commercial and industrial projects, and a 132 turbine wind farm. Coordinate plan review with Land Use, Environmental Health, and Highway Departments.

LaGrange, IL

Complete reviews of all significant developments and redevelopments, including coordination with developers, Village Departments, designers, and outside agencies. Assist during construction phase and outside agency permit coordination.

Niles, IL

Review telecommunication right-of-way permit applications.

River Forest, IL

Review site plans, permit applications, and stormwater management submittals for significant redevelopment sites.

Shorewood, IL

Responsible for the review of all development work from 1998 through 2006, from concept plan review through annexation agreement negotiations to final construction document approval. Includes coordination with Community Development, Public Works, and Police Departments, and other local agencies including the Troy Fire Protection District. Coordination of field changes during construction and coordination with outside permitting agencies including IDOT, IEPA, and US Army Corps of Engineers. Investigate existing drainage problems, update drainage and detention ordinance to comply with new County requirements, and update Village subdivision code to reflect current construction practices.